



# 950

## Wheel Loader

# Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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# 950 Wheel Loader Specifications

## Engine – U.S. EPA Tier 4 Final/EU Stage V

| Engine Model  | Cat® C7.1       |            |
|---|-----------------|------------|
| Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards. |                 |            |
| Engine Power @ 2,100 rpm<br>ISO 14396:2002                                  | 186 kW          | 249 hp     |
| ISO 14396:2002 (DIN)  | 253 hp (metric) |            |
| Gross Power @ 2,100 rpm<br>SAE J1995:2014                                   | 188 kW          | 253 hp     |
| SAE J1995:2014 (DIN)  | 257 hp (metric) |            |
| Net Power @ 2,100 rpm<br>ISO 9249:2007, SAE J1349:2011                      | 172 kW          | 231 hp     |
| ISO 9249:2007, SAE J1349:2011 (DIN)   | 235 hp (metric) |            |
| Engine Torque (1,300 rpm)<br>ISO 14396:2002                                 | 1231 N·m        | 908 lbf-ft |
| Gross Torque (1,300 rpm)<br>SAE J1995:2014                                  | 1242 N·m        | 916 lbf-ft |
| Net Torque (1,300 rpm)<br>ISO 9249:2007, SAE J1349:2011                     | 1170 N·m        | 863 lbf-ft |
| Displacement  | 7.01 L          |            |

- Advertised power is tested per the specified standard in effect at the time of manufacture.
  - The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and aftertreatment.
  - Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
    - 20% biodiesel FAME (fatty acid methyl ester)\*
    - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.
- \* Engines with no aftertreatment devices can use higher blends, up to 30% biodiesel, where mandated.

## Operating Specifications

| Static Tipping Load – Full 40° Turn |           |            |
|-------------------------------------|-----------|------------|
| With Tire Deflection                | 11 201 kg | 24,694 lb  |
| No Tire Deflection                  | 11 961 kg | 26,369 lb  |
| Breakout Force                      | 181 kN    | 40,690 lbf |

- For a machine configuration as defined under “Weight.”
- Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

## Buckets

|                   |                        |                          |
|-------------------|------------------------|--------------------------|
| Bucket Capacities | 2.5-9.9 m <sup>3</sup> | 3.3-13.0 yd <sup>3</sup> |
|-------------------|------------------------|--------------------------|

## Weight

|                  |           |           |
|------------------|-----------|-----------|
| Operating Weight | 19 260 kg | 42,461 lb |
|------------------|-----------|-----------|

- Weight based on a machine configuration with parallel lift Z-bar linkage, Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link™, front manual differential/open rear axles, powertrain guard, secondary steering, sound suppression, and a 3.1 m<sup>3</sup> (4.1 yd<sup>3</sup>) general purpose bucket with bolt-on cutting edges (BOCE).

## Engine – U.S. EPA Tier 3 Equivalent/EU Stage IIIA Equivalent

| Engine Model  | Cat C7.1        |            |
|---|-----------------|------------|
| Meets Brazil MAR-1 and UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA. |                 |            |
| Engine Power @ 2,100 rpm<br>ISO 14396:2002  | 186 kW          | 249 hp     |
| ISO 14396:2002 (DIN)  | 253 hp (metric) |            |
| Gross Power @ 2,100 rpm<br>SAE J1995:2014   | 191 kW          | 256 hp     |
| SAE J1995:2014 (DIN)  | 260 hp (metric) |            |
| Net Power @ 2,100 rpm<br>ISO 9249:2007, SAE J1349:2011  | 172 kW          | 231 hp     |
| ISO 9249:2007, SAE J1349:2011 (DIN)   | 235 hp (metric) |            |
| Engine Torque (1,400 rpm)<br>ISO 14396:2002   | 1236 N·m        | 912 lbf-ft |
| Gross Torque (1,400 rpm)<br>SAE J1995:2014  | 1257 N·m        | 927 lbf-ft |
| Net Torque (1,300 rpm)<br>ISO 9249:2007, SAE J1349:2011   | 1170 N·m        | 863 lbf-ft |
| Displacement  | 7.01 L          |            |

- Advertised power is tested per the specified standard in effect at the time of manufacture.
  - The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and muffler.
  - Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels up to:
    - 100% biodiesel FAME (fatty acid methyl ester)\*
    - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.
- \* For use of blends higher than 20% biodiesel, consult your Cat dealer.

## Transmission

|           |           |          |
|-----------|-----------|----------|
| Forward 1 | 6.9 km/h  | 4.3 mph  |
| Forward 2 | 12.0 km/h | 7.5 mph  |
| Forward 3 | 19.3 km/h | 12.0 mph |
| Forward 4 | 25.7 km/h | 16.0 mph |
| Forward 5 | 39.5 km/h | 24.5 mph |
| Reverse 1 | 6.9 km/h  | 4.3 mph  |
| Reverse 2 | 12.0 km/h | 7.5 mph  |
| Reverse 3 | 25.7 km/h | 16.0 mph |
| Reverse 4 | N/A       | N/A      |

- Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 787 mm (31 in) roll radius.

# 950 Wheel Loader Specifications

## Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg (3.5 lb) of refrigerant which has a CO<sub>2</sub> equivalent 2.288 metric tonnes (2.522 tons).

## Hydraulic System

|  |   |            |
|--|---|------------|
| Implement Pump Type  | Variable Displacement<br>Piston, Load Sensing |            |
| Implement System:  |   |            |
| Maximum Pump Output (2,340 rpm)                                    | 322 L/min                                     | 85 gal/min |
| Maximum Operating Pressure   | 29 300 kPa                                    | 4,250 psi  |
| Optional 3 <sup>rd</sup> Function<br>Maximum Flow at Work Tool     | 240 L/min                                     | 63 gal/min |
| Optional 3 <sup>rd</sup> Function<br>Maximum Pressure at Work Tool | 20 684 kPa                                    | 3,000 psi  |
| Optional 4 <sup>th</sup> Function<br>Maximum Flow at Work Tool     | 240 L/min                                     | 63 gal/min |
| Optional 4 <sup>th</sup> Function<br>Maximum Pressure at Work Tool | 20 684 kPa                                    | 3,000 psi  |
| Hydraulic Cycle Time with Rated Payload:                           |   |            |
| Raise from Carry Position  | 5.1 sec                                       |            |
| Dump at Maximum Raise  | 1.5 sec                                       |            |
| Lower, Empty, Float Down   | 2.5 sec                                       |            |
| Total  | 9.1 sec                                       |            |

## Sound

|  |           |
|--|-----------|
| Operator Sound Pressure Level (ISO 6396:2008)  | 70 dB(A)  |
| Exterior Sound Power Level (ISO 6395:2008)     | 107 dB(A) |
| Operator Sound Pressure Level (ISO 6396:2008)* | 69 dB(A)  |
| Exterior Sound Power Level (ISO 6395:2008)**   | 104 dB(A) |

\*Including countries that adopt the EU and UK directives.  
\*\*European Union Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701.

## Service Refill Capacities

|  |         |          |
|--|---------|----------|
| Fuel Tank  | 259.5 L | 68.6 gal |
| Diesel Exhaust Fluid (DEF) Tank<br>(Tier 4 only) | 15 L    | 4.0 gal  |
| Cooling System (Tier 4)                          | 54 L    | 14.3 gal |
| Cooling System (Tier 3)                          | 54 L    | 14.3 gal |
| Crankcase  | 21 L    | 5.5 gal  |
| Transmission                                     | 43 L    | 11.4 gal |
| Differentials and Final Drives – Front           | 43 L    | 11.4 gal |
| Differentials and Final Drives – Rear            | 43 L    | 11.4 gal |
| Hydraulic Tank                                   | 97 L    | 25.6 gal |

## Brakes

|        |                                     |
|--------|-------------------------------------|
| Brakes | Brakes meet ISO 3450:2011 standards |
|--------|-------------------------------------|

## Axles

|       |                         |
|-------|-------------------------|
| Front | Fixed                   |
| Rear  | Oscillating ±13 degrees |

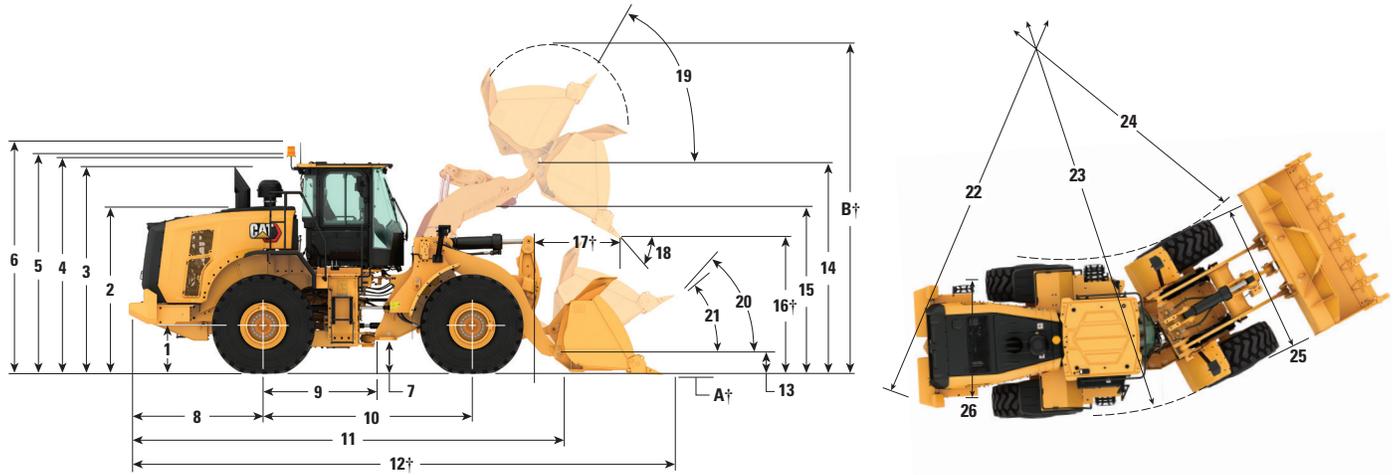
## Cab

|  |  |
|--|--|
| Rollover Protective<br>Structure/Falling<br>Objects Protective<br>Structure<br>(ROPS/FOPS) | ROPS/FOPS meet ISO 3471:2008 and<br>ISO 3449:2005 Level II standards |
|--|--|

# 950 Wheel Loader Specifications

## Dimensions

All dimensions are approximate.



|   | Standard Lift |        | High Lift  |        |
|---|---------------|--------|------------|--------|
| 1 Height to Axle Centerline                           | 734 mm        | 2'4"   | 734 mm     | 2'4"   |
| 2 Height to Top of Hood                               | 2695 mm       | 8'10"  | 2695 mm    | 8'10"  |
| 3 Height to Top of Exhaust Pipe                       | 3408 mm       | 11'2"  | 3408 mm    | 11'2"  |
| 4 Height to Top of ROPS                               | 3456 mm       | 11'4"  | 3456 mm    | 11'4"  |
| 5 Height to Top of Product Link Antenna               | 3463 mm       | 11'4"  | 3463 mm    | 11'4"  |
| 6 Height to Top of Warning Beacon                     | 3736 mm       | 12'3"  | 3735 mm    | 12'3"  |
| 7 Ground Clearance                                    | 354 mm        | 1'1"   | 354 mm     | 1'1"   |
| 8 Centerline of Rear Axle to Edge of Counterweight    | 2063 mm       | 6'9"   | 2077 mm    | 6'9"   |
| 9 Centerline of Rear Axle to Hitch                    | 1675 mm       | 5'5"   | 1675 mm    | 5'5"   |
| 10 Wheelbase  | 3350 mm       | 10'11" | 3350 mm    | 10'11" |
| 11 Overall Length (without bucket)                    | 7024 mm       | 23'1"  | 7490 mm    | 24'7"  |
| 12 Shipping Length (with bucket level on ground)*†    | 8314 mm       | 27'4"  | 8795 mm    | 28'11" |
| 13 Hinge Pin Height at Carry Height                   | 623 mm        | 2'0"   | 775 mm     | 2'6"   |
| 14 Hinge Pin Height at Maximum Lift                   | 4009 mm       | 13'1"  | 4514 mm    | 14'9"  |
| 15 Lift Arm Clearance at Maximum Lift                 | 3255 mm       | 10'8"  | 3615 mm    | 11'10" |
| 16 Dump Clearance at Maximum Lift and 45° Discharge*† | 2864 mm       | 9'4"   | 3370 mm    | 11'0"  |
| 17 Reach at Maximum Lift and 45° Discharge*†          | 1436 mm       | 4'8"   | 1471 mm    | 4'9"   |
| 18 Dump Angle at Maximum Lift and Dump (on stops)*    | 51 degrees    |        | 48 degrees |        |
| 19 Rack Back at Maximum Lift*                         | 59 degrees    |        | 56 degrees |        |
| 20 Rack Back at Carry Height*                         | 49 degrees    |        | 49 degrees |        |
| 21 Rack Back at Ground*                               | 39 degrees    |        | 43 degrees |        |
| 22 Clearance Circle (dia) to Counterweight            | 12 050 mm     | 39'7"  | 12 044 mm  | 39'7"  |
| 23 Clearance Circle (dia) to Outside of Tires         | 12 028 mm     | 39'6"  | 12 028 mm  | 39'6"  |
| 24 Clearance Circle (dia) to Inside of Tires          | 6380 mm       | 25'0"  | 6380 mm    | 25'0"  |
| 25 Width over Tires (unloaded)                        | 2800 mm       | 9'3"   | 2800 mm    | 9'3"   |
| Width over Tires (loaded)                             | 2824 mm       | 9'4"   | 2824 mm    | 9'4"   |
| 26 Tread Width  | 2140 mm       | 7'0"   | 2140 mm    | 7'0"   |

All height and tire related dimensions are with Bridgestone 23.5R25 VJT L3 radial tires (see Tire Options chart for other tires). "Width over Tires" dimensions are over the bulge and include growth.

•All dimensions are approximate and based on machine equipped with 3.1 m<sup>3</sup> (4.1 yd<sup>3</sup>) general purpose pin-on bucket with BOCE (see Operating Specifications for other buckets).

†Dimensions are listed in Operating Specifications charts.

# 950 Wheel Loader Specifications

## Tire Options

| Tire Brand   | Bridgestone     | Michelin           | Michelin           | Michelin           | Michelin           |
|--|-----------------|--------------------|--------------------|--------------------|--------------------|
| <b>Tire Size</b>   | <b>23.5R25</b>  | <b>23.5R25</b>     | <b>23.5R25</b>     | <b>750/65R25</b>   | <b>23.5R25</b>     |
| <b>Tread Type</b>  | <b>L-3</b>      | <b>L-5</b>         | <b>L-5</b>         | <b>L-3</b>         | <b>L-2</b>         |
| <b>Tread Pattern</b>   | <b>VJT</b>      | <b>XHA2</b>        | <b>XLD D2</b>      | <b>XLD</b>         | <b>XTLA</b>        |
| Width over Tires – Maximum (empty)*                          | 2800 mm<br>9'3" | 2816 mm<br>9'3"    | 2819 mm<br>9'4"    | 2934 mm<br>9'8"    | 2814 mm<br>9'3"    |
| Width over Tires – Maximum (loaded)*                         | 2824 mm<br>9'4" | 2828 mm<br>9'4"    | 2834 mm<br>9'4"    | 2968 mm<br>9'9"    | 2820 mm<br>9'4"    |
| Change in Vertical Dimensions<br>(average of front and rear) |                 | 10 mm<br>0.4"      | 40 mm<br>1.6"      | 12 mm<br>0.5"      | 13 mm<br>0.5"      |
| Change in Horizontal Reach                                   |                 | -6 mm<br>-0.2"     | -31 mm<br>-1.2"    | 5 mm<br>0.2"       | -7 mm<br>-0.3"     |
| Change in Clearance Circle to Outside of Tires               |                 | 4 mm<br>0.2"       | 11 mm<br>0.4"      | 144 mm<br>5.7"     | -4 mm<br>-0.1"     |
| Change in Clearance Circle to Inside of Tires                |                 | -4 mm<br>-0.2"     | -11 mm<br>-0.4"    | -144 mm<br>-5.7"   | 4 mm<br>0.1"       |
| Change in Operating Weight (without ballast)                 |                 | -156 kg<br>-344 lb | 500 kg<br>1,103 lb | 633 kg<br>1,395 lb | -192 kg<br>-423 lb |
| Change in Static Tipping Load – Straight                     |                 | -104 kg<br>-229 lb | 333 kg<br>733 lb   | 421 kg<br>928 lb   | -128 kg<br>-282 lb |
| Change in Static Tipping Load – Articulated                  |                 | -90 kg<br>-200 lb  | 290 kg<br>639 lb   | 367 kg<br>809 lb   | -112 kg<br>-248 lb |
| Rear Axle Oscillation Angle                                  | ±13 degrees     | ±13 degrees        | ±8 degrees         | ±8 degrees         | ±13 degrees        |
| Maximum Single-Wheel Rise and Fall                           | 481 mm<br>1'7"  | 481 mm<br>1'7"     | 298 mm<br>1'0"     | 298 mm<br>1'0"     | 481 mm<br>1'7"     |

\*Width over tire bulge and includes tire growth.

| Tire Brand   | Michelin           | Bridgestone        | Bridgestone       | Bridgestone        | Bridgestone        |
|--|--------------------|--------------------|-------------------|--------------------|--------------------|
| <b>Tire Size</b>   | <b>23.5R25</b>     | <b>23.5R25</b>     | <b>23.5R25</b>    | <b>23.5R25</b>     | <b>23.5R25</b>     |
| <b>Tread Type</b>  | <b>L-2</b>         | <b>L-2</b>         | <b>L-2</b>        | <b>L-5</b>         | <b>L-3</b>         |
| <b>Tread Pattern</b>   | <b>XSNO</b>        | <b>VUT</b>         | <b>VSW</b>        | <b>VSDL</b>        | <b>VL2</b>         |
| Width over Tires – Maximum (empty)*                          | 2833 mm<br>9'4"    | 2827 mm<br>9'4"    | 2805 mm<br>9'3"   | 2787 mm<br>9'2"    | 2770 mm<br>9'2"    |
| Width over Tires – Maximum (loaded)*                         | 2841 mm<br>9'4"    | 2820 mm<br>9'4"    | 2823 mm<br>9'4"   | 2804 mm<br>9'3"    | 2790 mm<br>9'2"    |
| Change in Vertical Dimensions<br>(average of front and rear) | 9 mm<br>0.4"       | 0 mm<br>0"         | 10 mm<br>0.4"     | 65 mm<br>2.6"      | 19 mm<br>0.8"      |
| Change in Horizontal Reach                                   | -5 mm<br>-0.2"     | 0 mm<br>0"         | 2 mm<br>0.1"      | -36 mm<br>-1.4"    | -4 mm<br>-0.1"     |
| Change in Clearance Circle to Outside of Tires               | 18 mm<br>0.7"      | -3 mm<br>-0.1"     | -1 mm<br>0"       | -20 mm<br>-0.8"    | -34 mm<br>-1.3"    |
| Change in Clearance Circle to Inside of Tires                | -18 mm<br>-0.7"    | 3 mm<br>0.1"       | 1 mm<br>0"        | 20 mm<br>0.8"      | 34 mm<br>1.3"      |
| Change in Operating Weight (without ballast)                 | -144 kg<br>-318 lb | -120 kg<br>-265 lb | -60 kg<br>-132 lb | 700 kg<br>1,544 lb | -268 kg<br>-591 lb |
| Change in Static Tipping Load – Straight                     | -96 kg<br>-211 lb  | -80 kg<br>-176 lb  | -40 kg<br>-88 lb  | 466 kg<br>1,026 lb | -178 kg<br>-393 lb |
| Change in Static Tipping Load – Articulated                  | -84 kg<br>-186 lb  | -70 kg<br>-153 lb  | -35 kg<br>-77 lb  | 406 kg<br>895 lb   | -155 kg<br>-343 lb |
| Rear Axle Oscillation Angle                                  | ±13 degrees        | ±13 degrees        | ±8 degrees        | ±8 degrees         | ±13 degrees        |
| Maximum Single-Wheel Rise and Fall                           | 481 mm<br>1'7"     | 481 mm<br>1'7"     | 298 mm<br>1'0"    | 298 mm<br>1'0"     | 481 mm<br>1'7"     |

\*Width over tire bulge and includes tire growth.

# 950 Wheel Loader Specifications

## Tire Options

| Tire Brand   | Bridgestone        | Firestone          | Maxam            | Maxam              | Maxam           |
|--|--------------------|--------------------|------------------|--------------------|-----------------|
| <b>Tire Size</b>   | <b>750/65R25</b>   | <b>23.5-25</b>     | <b>23.5R25</b>   | <b>23.5R25</b>     | <b>23.5R25</b>  |
| <b>Tread Type</b>  | <b>L-3</b>         | <b>L-5</b>         | <b>L-2</b>       | <b>L-2</b>         | <b>L-3</b>      |
| <b>Tread Pattern</b>   | <b>VTS</b>         | <b>SDT LD</b>      | <b>MS202</b>     | <b>MS203</b>       | <b>MS302</b>    |
| Width over Tires – Maximum (empty)*                          | 2930 mm<br>9'8"    | 2776 mm<br>9'2"    | 2810 mm<br>9'3"  | 2811 mm<br>9'3"    | 2820 mm<br>9'4" |
| Width over Tires – Maximum (loaded)*                         | 2951 mm<br>9'9"    | 2799 mm<br>9'3"    | 2828 mm<br>9'4"  | 2823 mm<br>9'4"    | 2828 mm<br>9'4" |
| Change in Vertical Dimensions<br>(average of front and rear) | 19 mm<br>0.7"      | 62 mm<br>2.4"      | 11 mm<br>0.4"    | -2 mm<br>-0.1"     | 14 mm<br>0.5"   |
| Change in Horizontal Reach                                   | -4 mm<br>-0.2"     | -44 mm<br>-1.7"    | -7 mm<br>-0.3"   | -2 mm<br>-0.1"     | -15 mm<br>-0.6" |
| Change in Clearance Circle to Outside of Tires               | 128 mm<br>5"       | -24 mm<br>-1"      | 5 mm<br>0.2"     | 0 mm<br>0"         | 4 mm<br>0.2"    |
| Change in Clearance Circle to Inside of Tires                | -128 mm<br>-5"     | 24 mm<br>1"        | -5 mm<br>-0.2"   | 0 mm<br>0"         | -4 mm<br>-0.2"  |
| Change in Operating Weight (without ballast)                 | 737 kg<br>1,625 lb | 500 kg<br>1,103 lb | -32 kg<br>-71 lb | -188 kg<br>-415 lb | 0 kg<br>0 lb    |
| Change in Static Tipping Load – Straight                     | 490 kg<br>1,080 lb | 333 kg<br>733 lb   | -21 kg<br>-47 lb | -125 kg<br>-276 lb | 0 kg<br>0 lb    |
| Change in Static Tipping Load – Articulated                  | 427 kg<br>942 lb   | 290 kg<br>639 lb   | -19 kg<br>-41 lb | -109 kg<br>-240 lb | 0 kg<br>0 lb    |
| Rear Axle Oscillation Angle                                  | ±8 degrees         | ±8 degrees         | ±13 degrees      | ±13 degrees        | ±13 degrees     |
| Maximum Single-Wheel Rise and Fall                           | 298 mm<br>1'0"     | 298 mm<br>1'0"     | 481 mm<br>1'7"   | 481 mm<br>1'7"     | 481 mm<br>1'7"  |

\*Width over tire bulge and includes tire growth.

| Tire Brand   | Maxam              | Triangle             | Triangle           | Brawler           | Brawler           |
|--|--------------------|----------------------|--------------------|-------------------|-------------------|
| <b>Tire Size</b>   | <b>23.5R25</b>     | <b>23.5R25</b>       | <b>23.5R25</b>     | <b>23.5X25</b>    | <b>23.5X25</b>    |
| <b>Tread Type</b>  | <b>L-5</b>         | <b>L-3</b>           | <b>L-4</b>         |                   |                   |
| <b>Tread Pattern</b>   | <b>MS503</b>       | <b>TL612</b>         | <b>TB516</b>       | <b>Smooth</b>     | <b>Traction</b>   |
| Width over Tires – Maximum (empty)*                          | 2780 mm<br>9'2"    | 2781 mm<br>9'2"      | 2785 mm<br>9'2"    | 2140 mm<br>7'1"   | 2140 mm<br>7'1"   |
| Width over Tires – Maximum (loaded)*                         | 2803 mm<br>9'3"    | 2809 mm<br>9'3"      | 2799 mm<br>9'3"    | 2140 mm<br>7'1"   | 2140 mm<br>7'1"   |
| Change in Vertical Dimensions<br>(average of front and rear) | 58 mm<br>2.3"      | 1 mm<br>0"           | 43 mm<br>1.7"      | 65 mm<br>2.5"     | 65 mm<br>2.5"     |
| Change in Horizontal Reach                                   | -33 mm<br>-1.3"    | -8 mm<br>-0.3"       | -13 mm<br>-0.5"    | -15 mm<br>-0.6"   | -15 mm<br>-0.6"   |
| Change in Clearance Circle to Outside of Tires               | -21 mm<br>-0.8"    | -15 mm<br>-0.6"      | -25 mm<br>-1"      | -684 mm<br>-26.9" | -684 mm<br>-26.9" |
| Change in Clearance Circle to Inside of Tires                | 21 mm<br>0.8"      | 15 mm<br>0.6"        | 25 mm<br>1"        | 684 mm<br>26.9"   | 684 mm<br>26.9"   |
| Change in Operating Weight (without ballast)                 | 472 kg<br>1,041 lb | -548 kg<br>-1,208 lb | -452 kg<br>-997 lb |                   |                   |
| Change in Static Tipping Load – Straight                     | 314 kg<br>692 lb   | -366 kg<br>-806 lb   | -302 kg<br>-665 lb |                   |                   |
| Change in Static Tipping Load – Articulated                  | 274 kg<br>604 lb   | -319 kg<br>-703 lb   | -263 kg<br>-580 lb |                   |                   |
| Rear Axle Oscillation Angle                                  | ±8 degrees         | ±13 degrees          | ±13 degrees        | ±8 degrees        | ±8 degrees        |
| Maximum Single-Wheel Rise and Fall                           | 298 mm<br>1'0"     | 481 mm<br>1'7"       | 481 mm<br>1'7"     | 298 mm<br>1'0"    | 298 mm<br>1'0"    |

\*Width over tire bulge and includes tire growth.

# 950 Wheel Loader Specifications

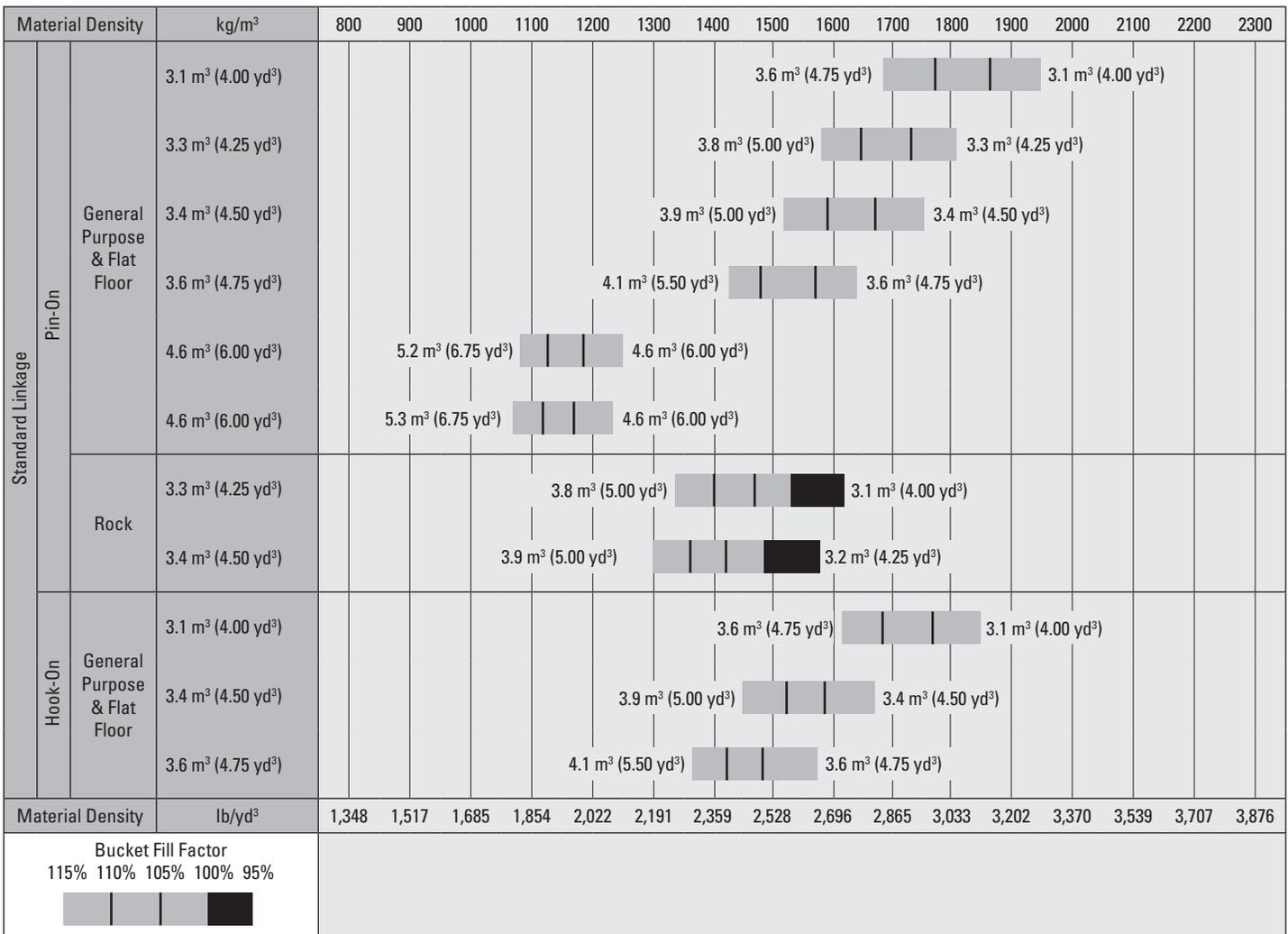
## Bucket Fill Factors and Selection Guide

The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

| Loose Material  |                             | Fill Factor (%)* | Material Density |
|-----------------|-----------------------------|------------------|------------------|
| Earth/Clay      |                             | 115              | 1.5-1.7          |
| Sand and Gravel |                             | 115              | 1.5-1.7          |
| Aggregate:      | 25-76 mm (1 to 3 in)        | 110              | 1.6-1.7          |
|                 | 19 mm (0.75 in) and smaller | 105              | 1.8              |
| Rock:           | 76 mm (3 in) and larger     | 100              | 1.6              |

\*As a % of ISO 7546:1983 rated capacity.

**Note:** Fill Factors achieved will also depend on whether the product is washed or not washed.



**Note:** All buckets are showing Bolt-On Edges.



# 950 Wheel Loader Specifications

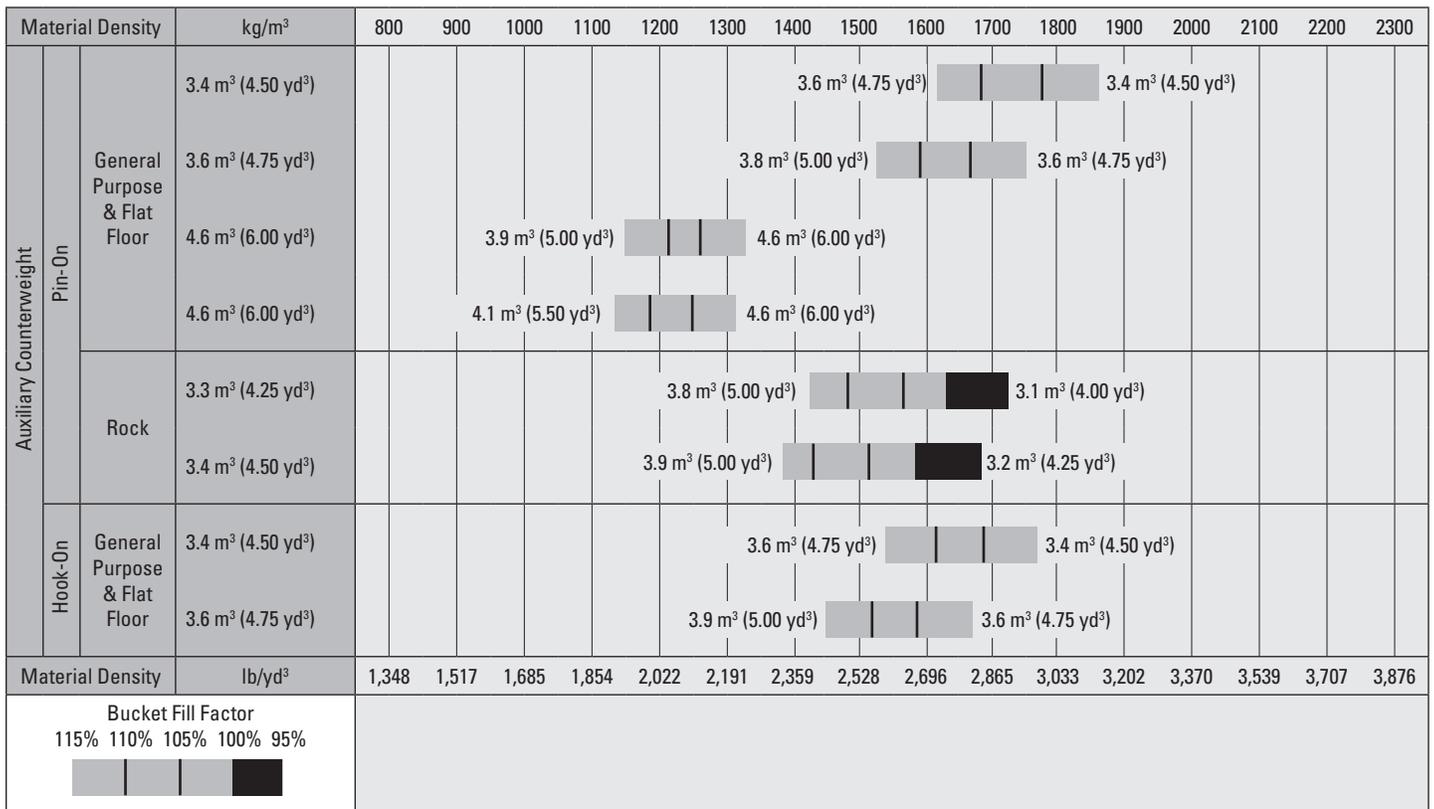
## Bucket Fill Factors and Selection Guide

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| Loose Material  |                             | Fill Factor (%)* | Material Density |
|-----------------|-----------------------------|------------------|------------------|
| Earth/Clay      |                             | 115              | 1.5-1.7          |
| Sand and Gravel |                             | 115              | 1.5-1.7          |
| Aggregate:      | 25-76 mm (1 to 3 in)        | 110              | 1.6-1.7          |
|                 | 19 mm (0.75 in) and smaller | 105              | 1.8              |
| Rock:           | 76 mm (3 in) and larger     | 100              | 1.6              |

\*As a % of ISO 7546:1983 rated capacity.

**Note:** Fill Factors achieved will also depend on whether the product is washed or not washed.



**Note:** All buckets are showing Bolt-On Edges.

# 950 Wheel Loader Specifications

## Bucket Fill Factors and Selection Guide

The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

| Loose Material  |                             | Fill Factor (%)* | Material Density |
|-----------------|-----------------------------|------------------|------------------|
| Earth/Clay      |                             | 115              | 1.5-1.7          |
| Sand and Gravel |                             | 115              | 1.5-1.7          |
| Aggregate:      | 25-76 mm (1 to 3 in)        | 110              | 1.6-1.7          |
|                 | 19 mm (0.75 in) and smaller | 105              | 1.8              |
| Rock:           | 76 mm (3 in) and larger     | 100              | 1.6              |

\*As a % of ISO 7546:1983 rated capacity.

**Note:** Fill Factors achieved will also depend on whether the product is washed or not washed.

| Material Density  |                    | kg/m <sup>3</sup>                           | 100 | 200 | 300 | 400 | 500  | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200 |
|---|--------------------|---|-----|-----|-----|-----|--|---|-------|-------|-------|-------|-------|------|
| Standard Linkage  | Pin-On             | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |     |     |     |     | 10.6 m <sup>3</sup> (13.75 yd <sup>3</sup> ) | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   |                    | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |     |     |     |     | 11.4 m <sup>3</sup> (15.00 yd <sup>3</sup> ) | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   | Hook-On            | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |     |     |     |     | 10.6 m <sup>3</sup> (13.75 yd <sup>3</sup> ) | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   |                    | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |     |     |     |     | 11.4 m <sup>3</sup> (15.00 yd <sup>3</sup> ) | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
| High Lift Linkage   | Pin-On             | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |     |     |     |     | 10.6 m <sup>3</sup> (13.75 yd <sup>3</sup> ) | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   |                    | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |     |     |     |     | 11.4 m <sup>3</sup> (15.00 yd <sup>3</sup> ) | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   | Hook-On            | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |     |     |     |     | 10.6 m <sup>3</sup> (13.75 yd <sup>3</sup> ) | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   |                    | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |     |     |     |     | 11.4 m <sup>3</sup> (15.00 yd <sup>3</sup> ) | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
| Auxiliary Counterweight   | Pin-On             | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |     |     |     |     | 10.6 m <sup>3</sup> (13.75 yd <sup>3</sup> ) | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   |                    | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |     |     |     |     | 11.4 m <sup>3</sup> (15.00 yd <sup>3</sup> ) | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   | Hook-On            | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |     |     |     |     | 10.6 m <sup>3</sup> (13.75 yd <sup>3</sup> ) | 9.2 m <sup>3</sup> (12.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
|   |                    | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |     |     |     |     | 11.4 m <sup>3</sup> (15.00 yd <sup>3</sup> ) | 9.9 m <sup>3</sup> (13.00 yd <sup>3</sup> ) |       |       |       |       |       |      |
| Material Density  | lb/yd <sup>3</sup> | 169   | 337 | 506 | 674 | 843 | 1,011  | 1,180                                       | 1,348 | 1,517 | 1,685 | 1,854 | 2,022 |      |
| Bucket Fill Factor  |                    |   |     |     |     |     |  |   |       |       |       |       |       |      |
| 115% 110% 105% 100% 95%   |                    |   |     |     |     |     |  |   |       |       |       |       |       |      |
|  |                    |   |     |     |     |     |  |   |       |       |       |       |       |      |

**Note:** All buckets are showing Bolt-On Edges.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets

| Linkage  |                 | Standard Linkage         |                    |        |                       |                    |        |                       |                    |        |  |
|--|-----------------|--------------------------|--------------------|--------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|--|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        |                       |                    |        |                       |                    |        |  |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |  |
| Capacity – Rated   | m <sup>3</sup>  | 3.10                     | 3.10               | 2.90   | 3.30                  | 3.30               | 3.10   | 3.40                  | 3.40               | 3.20   |  |
|  | yd <sup>3</sup> | 4.00                     | 4.00               | 3.75   | 4.25                  | 4.25               | 4.00   | 4.50                  | 4.50               | 4.25   |  |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.40                     | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   | 3.70                  | 3.70               | 3.50   |  |
|  | yd <sup>3</sup> | 4.50                     | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   | 4.75                  | 4.75               | 4.50   |  |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   |  |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |  |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 2864                     | 2746               | 2746   | 2826                  | 2707               | 2707   | 2807                  | 2688               | 2688   |  |
|  | ft/in           | 9'4"                     | 9'0"               | 9'0"   | 9'3"                  | 8'10"              | 8'10"  | 9'2"                  | 8'9"               | 8'9"   |  |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1435                     | 1546               | 1546   | 1464                  | 1574               | 1574   | 1479                  | 1588               | 1588   |  |
|  | ft/in           | 4'8"                     | 5'0"               | 5'0"   | 4'9"                  | 5'1"               | 5'1"   | 4'10"                 | 5'2"               | 5'2"   |  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2694                     | 2855               | 2855   | 2743                  | 2904               | 2904   | 2767                  | 2928               | 2928   |  |
|  | ft/in           | 8'10"                    | 9'4"               | 9'4"   | 9'0"                  | 9'6"               | 9'6"   | 9'0"                  | 9'7"               | 9'7"   |  |
| <b>A</b> † Digging Depth                                     | mm              | 102                      | 102                | 72     | 102                   | 102                | 72     | 102                   | 102                | 72     |  |
|  | in              | 4"                       | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   |  |
| <b>12</b> † Overall Length                                   | mm              | 8314                     | 8487               | 8487   | 8363                  | 8536               | 8536   | 8387                  | 8560               | 8560   |  |
|  | ft/in           | 27'4"                    | 27'11"             | 27'11" | 27'6"                 | 28'1"              | 28'1"  | 27'7"                 | 28'1"              | 28'1"  |  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 5513                     | 5513               | 5513   | 5559                  | 5559               | 5559   | 5585                  | 5585               | 5585   |  |
|  | ft/in           | 18' 2"                   | 18' 2"             | 18' 2" | 18' 3"                | 18' 3"             | 18' 3" | 18' 4"                | 18' 4"             | 18' 4" |  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6735                     | 6821               | 6821   | 6750                  | 6836               | 6836   | 6757                  | 6844               | 6844   |  |
|  | ft/in           | 22' 2"                   | 22' 5"             | 22' 5" | 22' 2"                | 22' 6"             | 22' 6" | 22' 3"                | 22' 6"             | 22' 6" |  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 991                   | 12 850             | 13 136 | 12 869                | 12 728             | 13 012 | 12 826                | 12 684             | 12 964 |  |
|  | lb              | 28,640                   | 28,330             | 28,960 | 28,372                | 28,060             | 28,686 | 28,276                | 27,963             | 28,582 |  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 743                   | 13 601             | 13 894 | 13 624                | 13 481             | 13 772 | 13 581                | 13 438             | 13 726 |  |
|  | lb              | 30,300                   | 29,986             | 30,632 | 30,036                | 29,720             | 30,363 | 29,943                | 29,626             | 30,260 |  |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 11 200                   | 11 059             | 11 327 | 11 084                | 10 942             | 11 208 | 11 042                | 10 900             | 11 163 |  |
|  | lb              | 24,693                   | 24,383             | 24,972 | 24,436                | 24,124             | 24,710 | 24,344                | 24,031             | 24,610 |  |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 960                   | 11 818             | 12 092 | 11 846                | 11 702             | 11 975 | 11 805                | 11 661             | 11 930 |  |
|  | lb              | 26,368                   | 26,054             | 26,659 | 26,116                | 25,800             | 26,401 | 26,026                | 25,709             | 26,303 |  |
| Breakout Force (§)   | kN              | 181                      | 179                | 196    | 173                   | 172                | 188    | 170                   | 169                | 184    |  |
|  | lbf             | 40,689                   | 40,400             | 44,194 | 39,063                | 38,777             | 42,300 | 38,316                | 38,030             | 41,434 |  |
| Operating Weight*  | kg              | 19 261                   | 19 369             | 19 212 | 19 330                | 19 438             | 19 281 | 19 354                | 19 462             | 19 305 |  |
|  | lb              | 42,462                   | 42,700             | 42,354 | 42,615                | 42,853             | 42,507 | 42,668                | 42,906             | 42,560 |  |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link™, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage         |                    |        |                                     |                    |        |
|--|-----------------|--------------------------|--------------------|--------|-------------------------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        | General Purpose – Hook-On – Fusion™ |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges               | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                     | 3.60               | 3.40   | 3.10                                | 3.10               | 2.90   |
|  | yd <sup>3</sup> | 4.75                     | 4.75               | 4.50   | 4.00                                | 4.00               | 3.75   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                     | 4.00               | 3.70   | 3.40                                | 3.40               | 3.20   |
|  | yd <sup>3</sup> | 5.25                     | 5.25               | 4.75   | 4.50                                | 4.50               | 4.25   |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                                | 2994               | 2994   |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                                | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2781                     | 2661               | 2661   | 2825                                | 2706               | 2706   |
|  | ft/in           | 9'1"                     | 8'8"               | 8'8"   | 9'3"                                | 8'10"              | 8'10"  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1501                     | 1610               | 1610   | 1481                                | 1591               | 1591   |
|  | ft/in           | 4'11"                    | 5'3"               | 5'3"   | 4'10"                               | 5'2"               | 5'2"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2802                     | 2963               | 2963   | 2754                                | 2915               | 2915   |
|  | ft/in           | 9'2"                     | 9'8"               | 9'8"   | 9'0"                                | 9'6"               | 9'6"   |
| A† Digging Depth   | mm              | 102                      | 102                | 72     | 102                                 | 102                | 72     |
|  | in              | 4"                       | 4"                 | 2.8"   | 4"                                  | 4"                 | 2.8"   |
| 12† Overall Length   | mm              | 8422                     | 8595               | 8595   | 8374                                | 8547               | 8547   |
|  | ft/in           | 27'8"                    | 28'3"              | 28'3"  | 27'6"                               | 28'1"              | 28'1"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5618                     | 5618               | 5618   | 5546                                | 5546               | 5546   |
|  | ft/in           | 18'6"                    | 18'6"              | 18'6"  | 18'3"                               | 18'3"              | 18'3"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6768                     | 6854               | 6854   | 6749                                | 6836               | 6836   |
|  | ft/in           | 22'3"                    | 22'6"              | 22'6"  | 22'2"                               | 22'6"              | 22'6"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 755                   | 12 612             | 12 889 | 12 402                              | 12 262             | 12 594 |
|  | lb              | 28,120                   | 27,805             | 28,416 | 27,342                              | 27,033             | 27,765 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 512                   | 13 368             | 13 652 | 13 143                              | 13 001             | 13 346 |
|  | lb              | 29,790                   | 29,471             | 30,098 | 28,976                              | 28,663             | 29,423 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 975                   | 10 832             | 11 091 | 10 638                              | 10 498             | 10 812 |
|  | lb              | 24,195                   | 23,881             | 24,453 | 23,454                              | 23,144             | 23,836 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 739                   | 11 595             | 11 860 | 11 387                              | 11 245             | 11 571 |
|  | lb              | 25,881                   | 25,563             | 26,148 | 25,105                              | 24,792             | 25,511 |
| Breakout Force (§)   | kN              | 165                      | 164                | 178    | 172                                 | 171                | 186    |
|  | lbf             | 37,271                   | 36,987             | 40,226 | 38,737                              | 38,451             | 41,920 |
| Operating Weight*  | kg              | 19 390                   | 19 498             | 19 341 | 19 730                              | 19 838             | 19 681 |
|  | lb              | 42,748                   | 42,986             | 42,640 | 43,498                              | 43,736             | 43,390 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage                   |                    |        |                       |                    |        |
|--|-----------------|------------------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Hook-On – Fusion |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges              | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.40                               | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   |
|  | yd <sup>3</sup> | 4.50                               | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.70                               | 3.70               | 3.50   | 4.00                  | 4.00               | 3.70   |
|  | yd <sup>3</sup> | 4.75                               | 4.75               | 4.50   | 5.25                  | 5.25               | 4.75   |
| Width  | mm              | 2927                               | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                               | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2767                               | 2648               | 2648   | 2741                  | 2621               | 2621   |
|  | ft/in           | 9'0"                               | 8'8"               | 8'8"   | 8'11"                 | 8'7"               | 8'7"   |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1524                               | 1633               | 1633   | 1545                  | 1654               | 1654   |
|  | ft/in           | 5'0"                               | 5'4"               | 5'4"   | 5'0"                  | 5'5"               | 5'5"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2827                               | 2988               | 2988   | 2862                  | 3023               | 3023   |
|  | ft/in           | 9'3"                               | 9'9"               | 9'9"   | 9'4"                  | 9'11"              | 9'11"  |
| A† Digging Depth   | mm              | 102                                | 102                | 72     | 102                   | 102                | 72     |
|  | in              | 4"                                 | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   |
| 12† Overall Length   | mm              | 8447                               | 8620               | 8620   | 8482                  | 8655               | 8655   |
|  | ft/in           | 27'9"                              | 28'4"              | 28'4"  | 27'10"                | 28'5"              | 28'5"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5618                               | 5618               | 5618   | 5652                  | 5652               | 5652   |
|  | ft/in           | 18'6"                              | 18'6"              | 18'6"  | 18'7"                 | 18'7"              | 18'7"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6772                               | 6859               | 6859   | 6783                  | 6870               | 6870   |
|  | ft/in           | 22'3"                              | 22'7"              | 22'7"  | 22'4"                 | 22'7"              | 22'7"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 268                             | 12 127             | 12 457 | 12 202                | 12 060             | 12 389 |
|  | lb              | 27,048                             | 26,736             | 27,463 | 26,902                | 26,589             | 27,314 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 013                             | 12 870             | 13 212 | 12 949                | 12 805             | 13 146 |
|  | lb              | 28,689                             | 28,373             | 29,128 | 28,547                | 28,230             | 28,983 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 511                             | 10 370             | 10 682 | 10 449                | 10 307             | 10 618 |
|  | lb              | 23,174                             | 22,862             | 23,550 | 23,036                | 22,723             | 23,409 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 263                             | 11 120             | 11 445 | 11 203                | 11 059             | 11 382 |
|  | lb              | 24,832                             | 24,517             | 25,232 | 24,698                | 24,381             | 25,094 |
| Breakout Force (§)   | kN              | 162                                | 161                | 175    | 158                   | 157                | 170    |
|  | lbf             | 36,582                             | 36,299             | 39,430 | 35,623                | 35,340             | 38,329 |
| Operating Weight*  | kg              | 19 800                             | 19 908             | 19 751 | 19 834                | 19 942             | 19 785 |
|  | lb              | 43,652                             | 43,890             | 43,544 | 43,727                | 43,965             | 43,619 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage      |                    |        |                       |                    |        |                       |                    |        |  |
|--|-----------------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|--|
| Bucket Type  |                 | Flat Floor – Pin-On   |                    |        |                       |                    |        |                       |                    |        |  |
| Edge Type  |                 | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |  |
| Capacity – Rated   | m <sup>3</sup>  | 3.30                  | 3.30               | 3.10   | 3.40                  | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   |  |
|  | yd <sup>3</sup> | 4.25                  | 4.25               | 4.00   | 4.50                  | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |  |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.60                  | 3.60               | 3.40   | 3.70                  | 3.70               | 3.50   | 4.00                  | 4.00               | 3.70   |  |
|  | yd <sup>3</sup> | 4.75                  | 4.75               | 4.50   | 4.75                  | 4.75               | 4.50   | 5.25                  | 5.25               | 4.75   |  |
| Width  | mm              | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   |  |
|  | ft/in           | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |  |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2777                  | 2652               | 2652   | 2749                  | 2624               | 2624   | 2717                  | 2592               | 2592   |  |
|  | ft/in           | 9'1"                  | 8'8"               | 8'8"   | 9'0"                  | 8'7"               | 8'7"   | 8'11"                 | 8'6"               | 8'6"   |  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1384                  | 1486               | 1486   | 1412                  | 1514               | 1514   | 1444                  | 1546               | 1546   |  |
|  | ft/in           | 4'6"                  | 4'10"              | 4'10"  | 4'7"                  | 4'11"              | 4'11"  | 4'8"                  | 5'0"               | 5'0"   |  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2737                  | 2898               | 2898   | 2777                  | 2938               | 2938   | 2822                  | 2983               | 2983   |  |
|  | ft/in           | 8'11"                 | 9'6"               | 9'6"   | 9'1"                  | 9'7"               | 9'7"   | 9'3"                  | 9'9"               | 9'9"   |  |
| A† Digging Depth   | mm              | 102                   | 102                | 72     | 102                   | 102                | 72     | 102                   | 102                | 72     |  |
|  | in              | 4"                    | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   |  |
| 12† Overall Length   | mm              | 8357                  | 8530               | 8530   | 8397                  | 8570               | 8570   | 8442                  | 8615               | 8615   |  |
|  | ft/in           | 27'6"                 | 28'0"              | 28'0"  | 27'7"                 | 28'2"              | 28'2"  | 27'9"                 | 28'4"              | 28'4"  |  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5515                  | 5515               | 5515   | 5554                  | 5554               | 5554   | 5602                  | 5602               | 5602   |  |
|  | ft/in           | 18'2"                 | 18'2"              | 18'2"  | 18'3"                 | 18'3"              | 18'3"  | 18'5"                 | 18'5"              | 18'5"  |  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6748                  | 6834               | 6834   | 6760                  | 6847               | 6847   | 6774                  | 6861               | 6861   |  |
|  | ft/in           | 22'2"                 | 22'6"              | 22'6"  | 22'3"                 | 22'6"              | 22'6"  | 22'3"                 | 22'7"              | 22'7"  |  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 751                | 12 611             | 12 888 | 12 672                | 12 531             | 12 804 | 12 584                | 12 442             | 12 711 |  |
|  | lb              | 28,112                | 27,803             | 28,413 | 27,938                | 27,627             | 28,230 | 27,743                | 27,431             | 28,024 |  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 486                | 13 344             | 13 627 | 13 408                | 13 266             | 13 545 | 13 322                | 13 179             | 13 454 |  |
|  | lb              | 29,732                | 29,420             | 30,043 | 29,561                | 29,247             | 29,863 | 29,371                | 29,055             | 29,661 |  |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 984                | 10 844             | 11 104 | 10 909                | 10 768             | 11 025 | 10 825                | 10 684             | 10 936 |  |
|  | lb              | 24,217                | 23,908             | 24,481 | 24,051                | 23,741             | 24,306 | 23,866                | 23,554             | 24,111 |  |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 727                | 11 585             | 11 851 | 11 653                | 11 511             | 11 773 | 11 572                | 11 428             | 11 686 |  |
|  | lb              | 25,854                | 25,542             | 26,127 | 25,692                | 25,378             | 25,955 | 25,511                | 25,196             | 25,764 |  |
| Breakout Force (§)   | kN              | 174                   | 173                | 189    | 169                   | 167                | 182    | 163                   | 162                | 176    |  |
|  | lbf             | 39,241                | 38,955             | 42,509 | 38,002                | 37,717             | 41,071 | 36,690                | 36,407             | 39,557 |  |
| Operating Weight*  | kg              | 19 316                | 19 424             | 19 267 | 19 356                | 19 464             | 19 307 | 19 400                | 19 508             | 19 351 |  |
|  | lb              | 42,584                | 42,822             | 42,475 | 42,672                | 42,910             | 42,564 | 42,769                | 43,007             | 42,661 |  |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage                |        |        |                                      |                       |
|--|-----------------|---------------------------------|--------|--------|--------------------------------------|-----------------------|
| Bucket Type  |                 | Flat Floor – Pin-On – BGE – FMT |        |        | Flat Floor – Pin-On – Light Material |                       |
| Edge Type  |                 | Teeth and Segments              | Tips   | Tips   | Bolt-On Cutting Edges                | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 3.50                            | 3.30   | 3.60   | 4.60                                 | 4.60                  |
|  | yd <sup>3</sup> | 4.50                            | 4.25   | 4.75   | 6.00                                 | 6.00                  |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.80                            | 3.60   | 4.00   | 5.00                                 | 5.00                  |
|  | yd <sup>3</sup> | 5.00                            | 4.75   | 5.25   | 6.50                                 | 6.50                  |
| Width  | mm              | 2994                            | 2994   | 2995   | 3059                                 | 3338                  |
|  | ft/in           | 9'9"                            | 9'9"   | 9'9"   | 10'0"                                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2643                            | 2643   | 2574   | 2617                                 | 2622                  |
|  | ft/in           | 8'8"                            | 8'8"   | 8'5"   | 8'7"                                 | 8'7"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1542                            | 1542   | 1618   | 1537                                 | 1553                  |
|  | ft/in           | 5'0"                            | 5'0"   | 5'3"   | 5'0"                                 | 5'1"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2944                            | 2944   | 3046   | 2959                                 | 2967                  |
|  | ft/in           | 9'7"                            | 9'7"   | 9'11"  | 9'8"                                 | 9'8"                  |
| A† Digging Depth   | mm              | 108                             | 80     | 75     | 72                                   | 92                    |
|  | in              | 4.2"                            | 3.1"   | 2.9"   | 2.8"                                 | 3.6"                  |
| 12† Overall Length   | mm              | 8552                            | 8552   | 8650   | 8583                                 | 8580                  |
|  | ft/in           | 28'1"                           | 28'1"  | 28'5"  | 28'2"                                | 28'2"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5568                            | 5568   | 5650   | 5786                                 | 5502                  |
|  | ft/in           | 18'4"                           | 18'4"  | 18'7"  | 19'0"                                | 18'1"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6835                            | 6835   | 6866   | 6877                                 | 6999                  |
|  | ft/in           | 22'6"                           | 22'6"  | 22'7"  | 22'7"                                | 23'0"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 168                          | 12 590 | 12 353 | 12 176                               | 12 269                |
|  | lb              | 26,827                          | 27,757 | 27,233 | 26,845                               | 27,048                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 12 902                          | 13 333 | 13 092 | 12 925                               | 12 988                |
|  | lb              | 28,444                          | 29,395 | 28,863 | 28,495                               | 28,635                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 400                          | 10 810 | 10 592 | 10 430                               | 10 542                |
|  | lb              | 22,928                          | 23,833 | 23,353 | 22,994                               | 23,242                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 141                          | 11 561 | 11 339 | 11 186                               | 11 271                |
|  | lb              | 24,561                          | 25,488 | 24,999 | 24,661                               | 24,848                |
| Breakout Force (§)   | kN              | 169                             | 180    | 166    | 155                                  | 147                   |
|  | lbf             | 38,052                          | 40,525 | 37,346 | 35,049                               | 33,132                |
| Operating Weight*  | kg              | 19 811                          | 19 546 | 19 627 | 19 683                               | 19 480                |
|  | lb              | 43,674                          | 43,090 | 43,269 | 43,393                               | 42,945                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                               | Standard Linkage   |        |   |        |
|--|-------------------------------|--------------------|--------|---|--------|
| Bucket Type  | Flat Floor – Hook-On – Fusion |                    |        | Flat Floor – Hook-On – Fusion – BGE – FMT |        |
| Edge Type  | Bolt-On Cutting Edges         | Teeth and Segments | Tips   | Tips                                      |        |
| Capacity – Rated   | m <sup>3</sup>                | 3.40               | 3.40   | 3.20                                      | 3.40   |
|  | yd <sup>3</sup>               | 4.50               | 4.50   | 4.25                                      | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>                | 3.70               | 3.70   | 3.50                                      | 3.70   |
|  | yd <sup>3</sup>               | 4.75               | 4.75   | 4.50                                      | 4.75   |
| Width  | mm                            | 2927               | 2994   | 2994                                      | 2995   |
|  | ft/in                         | 9'7"               | 9'9"   | 9'9"                                      | 9'9"   |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm                            | 2707               | 2581   | 2581                                      | 2459   |
|  | ft/in                         | 8'10"              | 8'5"   | 8'5"                                      | 8'0"   |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm                            | 1455               | 1557   | 1557                                      | 1620   |
|  | ft/in                         | 4'9"               | 5'1"   | 5'1"                                      | 5'3"   |
| Reach at Level Lift Arm and Bucket Level                     | mm                            | 2837               | 2998   | 2998                                      | 3129   |
|  | ft/in                         | 9'3"               | 9'10"  | 9'10"                                     | 10'3"  |
| <b>A</b> † Digging Depth                                     | mm                            | 102                | 102    | 72  | 75     |
|  | in                            | 4"                 | 4"     | 2.8"                                      | 2.9"   |
| <b>12</b> † Overall Length                                   | mm                            | 8457               | 8630   | 8630                                      | 8791   |
|  | ft/in                         | 27'9"              | 28'4"  | 28'4"                                     | 28'11" |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm                            | 5588               | 5588   | 5588                                      | 5632   |
|  | ft/in                         | 18'4"              | 18'4"  | 18'4"                                     | 18'6"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm                            | 6775               | 6862   | 6862                                      | 6922   |
|  | ft/in                         | 22'3"              | 22'7"  | 22'7"                                     | 22'9"  |
| Static Tipping Load, Straight (With tire deflection)         | kg                            | 12 124             | 11 983 | 12 302                                    | 11 788 |
|  | lb                            | 26,729             | 26,419 | 27,122                                    | 25,988 |
| Static Tipping Load, Straight (No tire deflection)           | kg                            | 12 850             | 12 708 | 13 037                                    | 12 511 |
|  | lb                            | 28,330             | 28,017 | 28,743                                    | 27,583 |
| Static Tipping Load, Articulated (With tire deflection)      | kg                            | 10 386             | 10 246 | 10 548                                    | 10 053 |
|  | lb                            | 22,898             | 22,589 | 23,256                                    | 22,164 |
| Static Tipping Load, Articulated (No tire deflection)        | kg                            | 11 121             | 10 979 | 11 292                                    | 10 785 |
|  | lb                            | 24,518             | 24,205 | 24,895                                    | 23,778 |
| Breakout Force (§)   | kN                            | 161                | 160    | 173                                       | 162    |
|  | lbf                           | 36,293             | 36,010 | 39,099                                    | 36,489 |
| Operating Weight*  | kg                            | 19 803             | 19 911 | 19 754                                    | 20 100 |
|  | lb                            | 43,657             | 43,895 | 43,549                                    | 44,311 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage              |                    |        |   |
|--|-----------------|-------------------------------|--------------------|--------|---|
| Bucket Type  |                 | Flat Floor – Hook-On – Fusion |                    |        | Flat Floor – Hook-On – Fusion – BGE – FMT |
| Edge Type  |                 | Bolt-On Cutting Edges         | Teeth and Segments | Tips   | Tips                                      |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                          | 3.60               | 3.40   | 3.80                                      |
|  | yd <sup>3</sup> | 4.75                          | 4.75               | 4.50   | 5.00                                      |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                          | 4.00               | 3.70   | 4.20                                      |
|  | yd <sup>3</sup> | 5.25                          | 5.25               | 4.75   | 5.50                                      |
| Width  | mm              | 2927                          | 2994               | 2994   | 2995                                      |
|  | ft/in           | 9'7"                          | 9'9"               | 9'9"   | 9'9"                                      |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 2675                          | 2549               | 2549   | 2385                                      |
|  | ft/in           | 8'9"                          | 8'4"               | 8'4"   | 7'9"                                      |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1486                          | 1589               | 1589   | 1694                                      |
|  | ft/in           | 4'10"                         | 5'2"               | 5'2"   | 5'6"                                      |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2882                          | 3043               | 3043   | 3234                                      |
|  | ft/in           | 9'5"                          | 9'11"              | 9'11"  | 10'7"                                     |
| <b>A</b> † Digging Depth                                     | mm              | 102                           | 102                | 72     | 75  |
|  | in              | 4"                            | 4"                 | 2.8"   | 2.9"                                      |
| <b>12</b> † Overall Length                                   | mm              | 8502                          | 8675               | 8675   | 8896                                      |
|  | ft/in           | 27'11"                        | 28'6"              | 28'6"  | 29'3"                                     |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 5631                          | 5631               | 5631   | 5736                                      |
|  | ft/in           | 18'6"                         | 18'6"              | 18'6"  | 18'10"                                    |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6789                          | 6877               | 6877   | 6956                                      |
|  | ft/in           | 22'4"                         | 22'7"              | 22'7"  | 22'10"                                    |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 041                        | 11 900             | 12 219 | 11 573                                    |
|  | lb              | 26,546                        | 26,235             | 26,938 | 25,514                                    |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 12 768                        | 12 626             | 12 956 | 12 299                                    |
|  | lb              | 28,150                        | 27,835             | 28,564 | 27,115                                    |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 308                        | 10 167             | 10 470 | 9848                                      |
|  | lb              | 22,726                        | 22,415             | 23,082 | 21,711                                    |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 044                        | 10 901             | 11 215 | 10 582                                    |
|  | lb              | 24,349                        | 24,034             | 24,726 | 23,331                                    |
| Breakout Force (§)   | kN              | 156                           | 154                | 167    | 150                                       |
|  | lbf             | 35,090                        | 34,809             | 37,719 | 33,911                                    |
| Operating Weight*  | kg              | 19 843                        | 19 951             | 19 794 | 20 223                                    |
|  | lb              | 43,745                        | 43,983             | 43,637 | 44,583                                    |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage       |                    |        |                                  |                    |        |
|--|-----------------|------------------------|--------------------|--------|----------------------------------|--------------------|--------|
| Bucket Type  |                 | Multi-Purpose – Pin-On |                    |        | Multi-Purpose – Hook-On – Fusion |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges  | Teeth and Segments | Tips   | Bolt-On Cutting Edges            | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 2.90                   | 2.90               | 2.70   | 2.90                             | 2.90               | 2.70   |
|  | yd <sup>3</sup> | 3.75                   | 3.75               | 3.50   | 3.75                             | 3.75               | 3.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.20                   | 3.20               | 3.00   | 3.20                             | 3.20               | 3.00   |
|  | yd <sup>3</sup> | 4.25                   | 4.25               | 4.00   | 4.25                             | 4.25               | 4.00   |
| Width  | mm              | 2943                   | 3020               | 3020   | 3007                             | 3000               | 3000   |
|  | ft/in           | 9'7"                   | 9'10"              | 9'10"  | 9'10"                            | 9'10"              | 9'10"  |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 3003                   | 2877               | 2877   | 2964                             | 2854               | 2854   |
|  | ft/in           | 9'10"                  | 9'5"               | 9'5"   | 9'8"                             | 9'4"               | 9'4"   |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1448                   | 1574               | 1574   | 1537                             | 1657               | 1657   |
|  | ft/in           | 4'9"                   | 5'1"               | 5'1"   | 5'0"                             | 5'5"               | 5'5"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2590                   | 2766               | 2766   | 2685                             | 2846               | 2846   |
|  | ft/in           | 8'5"                   | 9'0"               | 9'0"   | 8'9"                             | 9'4"               | 9'4"   |
| A† Digging Depth   | mm              | 103                    | 103                | 103    | 82                               | 82                 | 52     |
|  | in              | 4"                     | 4"                 | 4"     | 3.2"                             | 3.2"               | 2"     |
| 12† Overall Length   | mm              | 8211                   | 8407               | 8407   | 8290                             | 8465               | 8465   |
|  | ft/in           | 27'0"                  | 27'7"              | 27'7"  | 27'3"                            | 27'10"             | 27'10" |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5321                   | 5321               | 5321   | 5393                             | 5393               | 5393   |
|  | ft/in           | 17'6"                  | 17'6"              | 17'6"  | 17'9"                            | 17'9"              | 17'9"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6712                   | 6811               | 6811   | 6756                             | 6810               | 6810   |
|  | ft/in           | 22'1"                  | 22'5"              | 22'5"  | 22'2"                            | 22'5"              | 22'5"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 596                 | 12 423             | 12 749 | 11 895                           | 11 766             | 12 071 |
|  | lb              | 27,771                 | 27,389             | 28,108 | 26,224                           | 25,940             | 26,613 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 334                 | 13 159             | 13 499 | 12 629                           | 12 498             | 12 817 |
|  | lb              | 29,397                 | 29,010             | 29,760 | 27,842                           | 27,554             | 28,257 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 820                 | 10 647             | 10 954 | 10 148                           | 10 019             | 10 306 |
|  | lb              | 23,855                 | 23,473             | 24,151 | 22,373                           | 22,088             | 22,721 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 565                 | 11 390             | 11 711 | 10 890                           | 10 759             | 11 059 |
|  | lb              | 25,497                 | 25,111             | 25,818 | 24,009                           | 23,721             | 24,383 |
| Breakout Force (§)   | kN              | 196                    | 194                | 196    | 180                              | 178                | 195    |
|  | lbf             | 44,133                 | 43,733             | 44,048 | 40,511                           | 40,222             | 44,002 |
| Operating Weight*  | kg              | 19 605                 | 19 740             | 19 587 | 20 160                           | 20 260             | 20 118 |
|  | lb              | 43,221                 | 43,518             | 43,181 | 44,445                           | 44,664             | 44,351 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage      |                       |                       |                       |                               |
|--|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------------|
| Bucket Type  |                 | High Dump – Pin-On    |                       |                       |                       | High Dump – Pin-On – Abrasion |
| Edge Type  |                 | Bolt-On Cutting Edges         |
| Capacity – Rated   | m <sup>3</sup>  | 5.10                  | 6.10                  | 7.60                  | 9.20                  | 8.20                          |
|  | yd <sup>3</sup> | 6.75                  | 8.00                  | 10.00                 | 12.00                 | 10.75                         |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 5.60                  | 6.70                  | 8.40                  | 10.10                 | 9.00                          |
|  | yd <sup>3</sup> | 7.25                  | 8.75                  | 11.00                 | 13.25                 | 11.75                         |
| Width  | mm              | 3029                  | 2910                  | 3350                  | 3350                  | 3205                          |
|  | ft/in           | 9'11"                 | 9'6"                  | 10'11"                | 10'11"                | 10'6"                         |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 2451                  | 2325                  | 2254                  | 2112                  | 2251                          |
|  | ft/in           | 8'0"                  | 7'7"                  | 7'4"                  | 6'11"                 | 7'4"                          |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1721                  | 1742                  | 1908                  | 2049                  | 1911                          |
|  | ft/in           | 5'7"                  | 5'8"                  | 6'3"                  | 6'8"                  | 6'3"                          |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3207                  | 3311                  | 3478                  | 3678                  | 3482                          |
|  | ft/in           | 10'6"                 | 10'10"                | 11'4"                 | 12'0"                 | 11'5"                         |
| <b>A</b> † Digging Depth                                     | mm              | 94                    | 168                   | 72                    | 72                    | 101                           |
|  | in              | 3.7"                  | 6.6"                  | 2.8"                  | 2.8"                  | 4"                            |
| <b>12</b> † Overall Length                                   | mm              | 8821                  | 8978                  | 9098                  | 9298                  | 9102                          |
|  | ft/in           | 29'0"                 | 29'6"                 | 29'11"                | 30'7"                 | 29'11"                        |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 6066                  | 6074                  | 6049                  | 6250                  | 6477                          |
|  | ft/in           | 19'11"                | 20'0"                 | 19'11"                | 20'7"                 | 21'3"                         |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6938                  | 6947                  | 7171                  | 7239                  | 7109                          |
|  | ft/in           | 22'10"                | 22'10"                | 23'7"                 | 23'9"                 | 23'4"                         |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 11 226                | 10 289                | 10 698                | 10 371                | 9875                          |
|  | lb              | 24,749                | 22,684                | 23,585                | 22,866                | 21,771                        |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 958                | 11 007                | 11 463                | 11 140                | 10 613                        |
|  | lb              | 26,365                | 24,267                | 25,272                | 24,561                | 23,399                        |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9544                  | 8640                  | 9009                  | 8700                  | 8214                          |
|  | lb              | 21,041                | 19,048                | 19,861                | 19,180                | 18,109                        |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10 285                | 9366                  | 9781                  | 9476                  | 8960                          |
|  | lb              | 22,675                | 20,649                | 21,564                | 20,892                | 19,755                        |
| Breakout Force (§)   | kN              | 123                   | 114                   | 108                   | 96                    | 100                           |
|  | lbf             | 27,694                | 25,628                | 24,436                | 21,789                | 22,553                        |
| Operating Weight*  | kg              | 20 108                | 20 870                | 20 669                | 20 842                | 21 262                        |
|  | lb              | 44,329                | 46,009                | 45,566                | 45,948                | 46,874                        |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage             |                       |                       |
|--|-----------------|------------------------------|-----------------------|-----------------------|
| Bucket Type  |                 | High Dump – Hook-On – Fusion |                       |                       |
| Edge Type  |                 | Bolt-On Cutting Edges        | Bolt-On Cutting Edges | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 6.10                         | 7.60                  | 9.20                  |
|  | yd <sup>3</sup> | 8.00                         | 10.00                 | 12.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 6.70                         | 8.40                  | 10.10                 |
|  | yd <sup>3</sup> | 8.75                         | 11.00                 | 13.25                 |
| Width  | mm              | 3037                         | 3350                  | 3350                  |
|  | ft/in           | 9'11"                        | 10'11"                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2279                         | 2208                  | 2066                  |
|  | ft/in           | 7'5"                         | 7'2"                  | 6'9"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1882                         | 1954                  | 2095                  |
|  | ft/in           | 6'2"                         | 6'4"                  | 6'10"                 |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3442                         | 3543                  | 3743                  |
|  | ft/in           | 11'3"                        | 11'7"                 | 12'3"                 |
| A† Digging Depth   | mm              | 102                          | 72                    | 72                    |
|  | in              | 4"                           | 2.8"                  | 2.8"                  |
| 12† Overall Length   | mm              | 9062                         | 9163                  | 9363                  |
|  | ft/in           | 29'9"                        | 30'1"                 | 30'9"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6023                         | 6089                  | 6290                  |
|  | ft/in           | 19'10"                       | 20'0"                 | 20'8"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7022                         | 7193                  | 7262                  |
|  | ft/in           | 23'1"                        | 23'8"                 | 23'10"                |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 9956                         | 10 058                | 9740                  |
|  | lb              | 21,949                       | 22,174                | 21,474                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 10 651                       | 10 806                | 10 492                |
|  | lb              | 23,481                       | 23,824                | 23,131                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 8348                         | 8394                  | 8094                  |
|  | lb              | 18,406                       | 18,506                | 17,845                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 9054                         | 9151                  | 8853                  |
|  | lb              | 19,960                       | 20,174                | 19,519                |
| Breakout Force (§)   | kN              | 105                          | 104                   | 93                    |
|  | lbf             | 23,767                       | 23,412                | 20,922                |
| Operating Weight*  | kg              | 21 017                       | 21 236                | 21 408                |
|  | lb              | 46,333                       | 46,816                | 47,195                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage      |                       |                             |                       |
|--|-----------------|-----------------------|-----------------------|-----------------------------|-----------------------|
| Bucket Type  |                 | Woodchip – Pin-On     |                       | Woodchip – Hook-On – Fusion |                       |
| Edge Type  |                 | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges       | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 9.20                  | 9.90                  | 9.20                        | 9.90                  |
|  | yd <sup>3</sup> | 12.00                 | 13.00                 | 12.00                       | 13.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 10.10                 | 10.90                 | 10.10                       | 10.90                 |
|  | yd <sup>3</sup> | 13.25                 | 14.25                 | 13.25                       | 14.25                 |
| Width  | mm              | 3330                  | 3330                  | 3330                        | 3330                  |
|  | ft/in           | 10'11"                | 10'11"                | 10'11"                      | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2237                  | 2162                  | 2143                        | 2139                  |
|  | ft/in           | 7'4"                  | 7'1"                  | 7'0"                        | 7'0"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1932                  | 2007                  | 2025                        | 2029                  |
|  | ft/in           | 6'4"                  | 6'7"                  | 6'7"                        | 6'7"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3507                  | 3613                  | 3639                        | 3645                  |
|  | ft/in           | 11'6"                 | 11'10"                | 11'11"                      | 11'11"                |
| A† Digging Depth   | mm              | 97                    | 97                    | 97                          | 97                    |
|  | in              | 3.8"                  | 3.8"                  | 3.8"                        | 3.8"                  |
| 12† Overall Length   | mm              | 9123                  | 9229                  | 9255                        | 9261                  |
|  | ft/in           | 30'0"                 | 30'4"                 | 30'5"                       | 30'5"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6240                  | 6332                  | 6298                        | 6349                  |
|  | ft/in           | 20'6"                 | 20'10"                | 20'8"                       | 20'10"                |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7170                  | 7206                  | 7215                        | 7217                  |
|  | ft/in           | 23'7"                 | 23'8"                 | 23'9"                       | 23'9"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 11 462                | 11 386                | 10 199                      | 10 249                |
|  | lb              | 25,269                | 25,102                | 22,485                      | 22,595                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 12 254                | 12 187                | 10 894                      | 10 952                |
|  | lb              | 27,016                | 26,869                | 24,017                      | 24,147                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9761                  | 9678                  | 8614                        | 8658                  |
|  | lb              | 21,519                | 21,337                | 18,991                      | 19,089                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10 560                | 10 487                | 9320                        | 9372                  |
|  | lb              | 23,281                | 23,119                | 20,547                      | 20,663                |
| Breakout Force (§)   | kN              | 104                   | 98                    | 97                          | 96                    |
|  | lbf             | 23,478                | 22,134                | 21,897                      | 21,762                |
| Operating Weight*  | kg              | 19 942                | 20 034                | 20 577                      | 20 538                |
|  | lb              | 43,964                | 44,166                | 45,363                      | 45,277                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage   |                 | Standard Linkage           |                               |                       |                                 |
|---|-----------------|----------------------------|-------------------------------|-----------------------|---------------------------------|
| Bucket Type   |                 | Rock, Spade –<br>Pin-On*** | Rock, Straight –<br>Pin-On*** | Side Dump – Pin-On    | Side Dump – Hook-On<br>– Fusion |
| Edge Type   |                 | Teeth and Segments         | Teeth and Segments            | Bolt-On Cutting Edges | Bolt-On Cutting Edges           |
| Capacity – Rated  | m <sup>3</sup>  | 3.40                       | 3.30                          | 2.90                  | 2.90                            |
|   | yd <sup>3</sup> | 4.50                       | 4.25                          | 3.75                  | 3.75                            |
| Capacity – Rated at 110% Fill Factor                            | m <sup>3</sup>  | 3.70                       | 3.60                          | 3.20                  | 3.20                            |
|   | yd <sup>3</sup> | 4.75                       | 4.75                          | 4.25                  | 4.25                            |
| Width   | mm              | 2995                       | 2937                          | 3220                  | 3220                            |
|   | ft/in           | 9'9"                       | 9'7"                          | 10'6"                 | 10'6"                           |
| 16† Dump Clearance at Maximum Lift<br>and 45° Discharge         | mm              | 2643                       | 2809                          | 2727                  | 2727                            |
|   | ft/in           | 8'8"                       | 9'2"                          | 8'11"                 | 8'11"                           |
| 17† Reach at Maximum Lift and<br>45° Discharge                  | mm              | 1695                       | 1506                          | 1428                  | 1427                            |
|   | ft/in           | 5'6"                       | 4'11"                         | 4'8"                  | 4'8"                            |
| Reach at Level Lift Arm and<br>Bucket Level                     | mm              | 3070                       | 2819                          | 2804                  | 2803                            |
|   | ft/in           | 10'0"                      | 9'2"                          | 9'2"                  | 9'2"                            |
| A† Digging Depth  | mm              | 39                         | 36                            | 107                   | 107                             |
|   | in              | 1.5"                       | 1.4"                          | 4.2"                  | 4.2"                            |
| 12† Overall Length  | mm              | 8691                       | 8439                          | 8428                  | 8427                            |
|   | ft/in           | 28'7"                      | 27'9"                         | 27'8"                 | 27'8"                           |
| B† Overall Height with Bucket at<br>Maximum Lift                | mm              | 5641                       | 5641                          | 5516                  | 5508                            |
|   | ft/in           | 18'7"                      | 18'7"                         | 18'2"                 | 18'1"                           |
| Loader Clearance Circle Radius<br>with Bucket at Carry Position | mm              | 6898                       | 6792                          | 6884                  | 6898                            |
|   | ft/in           | 22'8"                      | 22'4"                         | 22'8"                 | 22'8"                           |
| Static Tipping Load, Straight<br>(With tire deflection)         | kg              | 12 991                     | 13 198                        | 11 720                | 11 436                          |
|   | lb              | 28,641                     | 29,096                        | 25,838                | 25,212                          |
| Static Tipping Load, Straight<br>(No tire deflection)           | kg              | 13 786                     | 13 995                        | 12 450                | 12 164                          |
|   | lb              | 30,394                     | 30,854                        | 27,449                | 26,819                          |
| Static Tipping Load,<br>Articulated (With tire deflection)      | kg              | 11 143                     | 11 350                        | 10 006                | 9722                            |
|   | lb              | 24,566                     | 25,022                        | 22,059                | 21,434                          |
| Static Tipping Load, Articulated<br>(No tire deflection)        | kg              | 11 945                     | 12 154                        | 10 746                | 10 460                          |
|   | lb              | 26,335                     | 26,796                        | 23,691                | 23,060                          |
| Breakout Force (§)  | kN              | 155                        | 179                           | 160                   | 162                             |
|   | lbf             | 35,003                     | 40,312                        | 36,024                | 36,584                          |
| Operating Weight*   | kg              | 20 343                     | 20 188                        | 19 943                | 20 399                          |
|   | lb              | 44,848                     | 44,507                        | 43,966                | 44,971                          |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage        |                    |        |                       |                    |        |                       |                    |        |  |
|--|-----------------|--------------------------|--------------------|--------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|--|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        |                       |                    |        |                       |                    |        |  |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |  |
| Capacity – Rated   | m <sup>3</sup>  | 3.10                     | 3.10               | 2.90   | 3.30                  | 3.30               | 3.10   | 3.40                  | 3.40               | 3.20   |  |
|  | yd <sup>3</sup> | 4.00                     | 4.00               | 3.75   | 4.25                  | 4.25               | 4.00   | 4.50                  | 4.50               | 4.25   |  |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.40                     | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   | 3.70                  | 3.70               | 3.50   |  |
|  | yd <sup>3</sup> | 4.50                     | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   | 4.75                  | 4.75               | 4.50   |  |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   |  |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |  |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 3369                     | 3251               | 3251   | 3331                  | 3212               | 3212   | 3313                  | 3193               | 3193   |  |
|  | ft/in           | 11'0"                    | 10'8"              | 10'8"  | 10'11"                | 10'6"              | 10'6"  | 10'10"                | 10'5"              | 10'5"  |  |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1471                     | 1581               | 1581   | 1499                  | 1609               | 1609   | 1514                  | 1624               | 1624   |  |
|  | ft/in           | 4'9"                     | 5'2"               | 5'2"   | 4'11"                 | 5'3"               | 5'3"   | 4'11"                 | 5'3"               | 5'3"   |  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3069                     | 3230               | 3230   | 3118                  | 3279               | 3279   | 3142                  | 3303               | 3303   |  |
|  | ft/in           | 10'0"                    | 10'7"              | 10'7"  | 10'2"                 | 10'9"              | 10'9"  | 10'3"                 | 10'10"             | 10'10" |  |
| <b>A</b> † Digging Depth                                     | mm              | 106                      | 106                | 76     | 106                   | 106                | 76     | 106                   | 106                | 76     |  |
|  | in              | 4.1"                     | 4.1"               | 3"     | 4.1"                  | 4.1"               | 3"     | 4.1"                  | 4.1"               | 3"     |  |
| <b>12</b> † Overall Length                                   | mm              | 8795                     | 8966               | 8966   | 8844                  | 9015               | 9015   | 8868                  | 9039               | 9039   |  |
|  | ft/in           | 28'11"                   | 29'5"              | 29'5"  | 29'1"                 | 29'7"              | 29'7"  | 29'2"                 | 29'8"              | 29'8"  |  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 6018                     | 6018               | 6018   | 6064                  | 6064               | 6064   | 6090                  | 6090               | 6090   |  |
|  | ft/in           | 19'9"                    | 19'9"              | 19'9"  | 19'11"                | 19'11"             | 19'11" | 20'0"                 | 20'0"              | 20'0"  |  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6937                     | 7027               | 7027   | 6953                  | 7043               | 7043   | 6960                  | 7051               | 7051   |  |
|  | ft/in           | 22'10"                   | 23'1"              | 23'1"  | 22'10"                | 23'2"              | 23'2"  | 22'11"                | 23'2"              | 23'2"  |  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 11 512                   | 11 376             | 11 634 | 11 399                | 11 262             | 11 519 | 11 358                | 11 220             | 11 475 |  |
|  | lb              | 25,381                   | 25,080             | 25,650 | 25,131                | 24,828             | 25,395 | 25,041                | 24,737             | 25,298 |  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 12 099                   | 11 961             | 12 224 | 11 987                | 11 849             | 12 110 | 11 947                | 11 808             | 12 067 |  |
|  | lb              | 26,674                   | 26,371             | 26,950 | 26,427                | 26,122             | 26,698 | 26,339                | 26,033             | 26,603 |  |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9851                     | 9714               | 9958   | 9742                  | 9605               | 9847   | 9702                  | 9565               | 9805   |  |
|  | lb              | 21,718                   | 21,417             | 21,954 | 21,478                | 21,175             | 21,709 | 21,391                | 21,087             | 21,616 |  |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10 455                   | 10 317             | 10 564 | 10 347                | 10 209             | 10 455 | 10 309                | 10 170             | 10 413 |  |
|  | lb              | 23,049                   | 22,746             | 23,291 | 22,812                | 22,507             | 23,049 | 22,727                | 22,421             | 22,958 |  |
| Breakout Force (§)   | kN              | 172                      | 171                | 187    | 165                   | 164                | 179    | 162                   | 160                | 175    |  |
|  | lbf             | 38,686                   | 38,433             | 42,059 | 37,134                | 36,882             | 40,250 | 36,421                | 36,169             | 39,423 |  |
| Operating Weight*  | kg              | 19 921                   | 20 029             | 19 872 | 19 991                | 20 099             | 19 942 | 20 015                | 20 123             | 19 966 |  |
|  | lb              | 43,918                   | 44,156             | 43,810 | 44,071                | 44,309             | 43,963 | 44,124                | 44,362             | 44,016 |  |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage        |                    |        |                                    |                    |        |
|--|-----------------|--------------------------|--------------------|--------|------------------------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        | General Purpose – Hook-On – Fusion |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges              | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                     | 3.60               | 3.40   | 3.10                               | 3.10               | 2.90   |
|  | yd <sup>3</sup> | 4.75                     | 4.75               | 4.50   | 4.00                               | 4.00               | 3.75   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                     | 4.00               | 3.70   | 3.40                               | 3.40               | 3.20   |
|  | yd <sup>3</sup> | 5.25                     | 5.25               | 4.75   | 4.50                               | 4.50               | 4.25   |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                               | 2994               | 2994   |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                               | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 3286                     | 3167               | 3167   | 3330                               | 3212               | 3212   |
|  | ft/in           | 10'9"                    | 10'4"              | 10'4"  | 10'11"                             | 10'6"              | 10'6"  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1536                     | 1645               | 1645   | 1516                               | 1627               | 1627   |
|  | ft/in           | 5'0"                     | 5'4"               | 5'4"   | 4'11"                              | 5'4"               | 5'4"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3177                     | 3338               | 3338   | 3129                               | 3290               | 3290   |
|  | ft/in           | 10'5"                    | 10'11"             | 10'11" | 10'3"                              | 10'9"              | 10'9"  |
| A† Digging Depth   | mm              | 106                      | 106                | 76     | 106                                | 106                | 76     |
|  | in              | 4.1"                     | 4.1"               | 3"     | 4.1"                               | 4.1"               | 3"     |
| 12† Overall Length   | mm              | 8903                     | 9074               | 9074   | 8855                               | 9026               | 9026   |
|  | ft/in           | 29'3"                    | 29'10"             | 29'10" | 29'1"                              | 29'8"              | 29'8"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6124                     | 6124               | 6124   | 6051                               | 6051               | 6051   |
|  | ft/in           | 20'2"                    | 20'2"              | 20'2"  | 19'11"                             | 19'11"             | 19'11" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6972                     | 7063               | 7063   | 6946                               | 7037               | 7037   |
|  | ft/in           | 22'11"                   | 23'3"              | 23'3"  | 22'10"                             | 23'2"              | 23'2"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 11 292                   | 11 154             | 11 405 | 10 956                             | 10 820             | 11 118 |
|  | lb              | 24,895                   | 24,591             | 25,145 | 24,154                             | 23,854             | 24,511 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 882                   | 11 743             | 11 998 | 11 535                             | 11 398             | 11 704 |
|  | lb              | 26,196                   | 25,889             | 26,452 | 25,431                             | 25,129             | 25,804 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9640                     | 9501               | 9739   | 9317                               | 9180               | 9463   |
|  | lb              | 21,253                   | 20,948             | 21,471 | 20,540                             | 20,240             | 20,864 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10 247                   | 10 108             | 10 348 | 9913                               | 9776               | 10 067 |
|  | lb              | 22,592                   | 22,285             | 22,815 | 21,856                             | 21,554             | 22,195 |
| Breakout Force (§)   | kN              | 157                      | 156                | 170    | 163                                | 162                | 177    |
|  | lbf             | 35,424                   | 35,172             | 38,270 | 36,824                             | 36,572             | 39,889 |
| Operating Weight*  | kg              | 20 051                   | 20 159             | 20 002 | 20 391                             | 20 499             | 20 342 |
|  | lb              | 44,204                   | 44,442             | 44,096 | 44,954                             | 45,192             | 44,846 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage                  |                    |        |                       |                    |        |
|--|-----------------|------------------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Hook-On – Fusion |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges              | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.40                               | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   |
|  | yd <sup>3</sup> | 4.50                               | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.70                               | 3.70               | 3.50   | 4.00                  | 4.00               | 3.70   |
|  | yd <sup>3</sup> | 4.75                               | 4.75               | 4.50   | 5.25                  | 5.25               | 4.75   |
| Width  | mm              | 2927                               | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                               | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 3273                               | 3154               | 3154   | 3246                  | 3127               | 3127   |
|  | ft/in           | 10'8"                              | 10'4"              | 10'4"  | 10'7"                 | 10'3"              | 10'3"  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1559                               | 1669               | 1669   | 1581                  | 1690               | 1690   |
|  | ft/in           | 5'1"                               | 5'5"               | 5'5"   | 5'2"                  | 5'6"               | 5'6"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3202                               | 3363               | 3363   | 3237                  | 3398               | 3398   |
|  | ft/in           | 10'6"                              | 11'0"              | 11'0"  | 10'7"                 | 11'1"              | 11'1"  |
| A† Digging Depth   | mm              | 106                                | 106                | 76     | 106                   | 106                | 76     |
|  | in              | 4.1"                               | 4.1"               | 3"     | 4.1"                  | 4.1"               | 3"     |
| 12† Overall Length   | mm              | 8928                               | 9099               | 9099   | 8963                  | 9134               | 9134   |
|  | ft/in           | 29'4"                              | 29'11"             | 29'11" | 29'5"                 | 30'0"              | 30'0"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6123                               | 6123               | 6123   | 6157                  | 6157               | 6157   |
|  | ft/in           | 20'2"                              | 20'2"              | 20'2"  | 20'3"                 | 20'3"              | 20'3"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6970                               | 7061               | 7061   | 6981                  | 7073               | 7073   |
|  | ft/in           | 22'11"                             | 23'2"              | 23'2"  | 22'11"                | 23'3"              | 23'3"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 10 832                             | 10 694             | 10 991 | 10 770                | 10 633             | 10 928 |
|  | lb              | 23,880                             | 23,578             | 24,231 | 23,745                | 23,441             | 24,093 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 414                             | 11 275             | 11 580 | 11 354                | 11 215             | 11 518 |
|  | lb              | 25,163                             | 24,858             | 25,529 | 25,031                | 24,725             | 25,394 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9198                               | 9061               | 9343   | 9140                  | 9002               | 9283   |
|  | lb              | 20,279                             | 19,976             | 20,597 | 20,151                | 19,847             | 20,467 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 9798                               | 9659               | 9949   | 9741                  | 9602               | 9891   |
|  | lb              | 21,601                             | 21,296             | 21,934 | 21,475                | 21,169             | 21,806 |
| Breakout Force (§)   | kN              | 154                                | 153                | 166    | 150                   | 149                | 162    |
|  | lbf             | 34,767                             | 34,516             | 37,511 | 33,852                | 33,600             | 36,459 |
| Operating Weight*  | kg              | 20 461                             | 20 569             | 20 412 | 20 495                | 20 603             | 20 446 |
|  | lb              | 45,108                             | 45,346             | 45,000 | 45,183                | 45,421             | 45,075 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage     |                    |        |                       |                    |        |                       |                    |        |  |
|--|-----------------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|--|
| Bucket Type  |                 | Flat Floor – Pin-On   |                    |        |                       |                    |        |                       |                    |        |  |
| Edge Type  |                 | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |  |
| Capacity – Rated   | m <sup>3</sup>  | 3.30                  | 3.30               | 3.10   | 3.40                  | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   |  |
|  | yd <sup>3</sup> | 4.25                  | 4.25               | 4.00   | 4.50                  | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |  |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.60                  | 3.60               | 3.40   | 3.70                  | 3.70               | 3.50   | 4.00                  | 4.00               | 3.70   |  |
|  | yd <sup>3</sup> | 4.75                  | 4.75               | 4.50   | 4.75                  | 4.75               | 4.50   | 5.25                  | 5.25               | 4.75   |  |
| Width  | mm              | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   |  |
|  | ft/in           | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |  |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 3283                  | 3157               | 3157   | 3255                  | 3129               | 3129   | 3223                  | 3097               | 3097   |  |
|  | ft/in           | 10'9"                 | 10'4"              | 10'4"  | 10'8"                 | 10'3"              | 10'3"  | 10'6"                 | 10'1"              | 10'1"  |  |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1419                  | 1522               | 1522   | 1448                  | 1550               | 1550   | 1479                  | 1582               | 1582   |  |
|  | ft/in           | 4'7"                  | 4'11"              | 4'11"  | 4'9"                  | 5'1"               | 5'1"   | 4'10"                 | 5'2"               | 5'2"   |  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3112                  | 3273               | 3273   | 3152                  | 3313               | 3313   | 3197                  | 3358               | 3358   |  |
|  | ft/in           | 10'2"                 | 10'8"              | 10'8"  | 10'4"                 | 10'10"             | 10'10" | 10'5"                 | 11'0"              | 11'0"  |  |
| <b>A</b> † Digging Depth                                     | mm              | 106                   | 106                | 76     | 106                   | 106                | 76     | 106                   | 106                | 76     |  |
|  | in              | 4.1"                  | 4.1"               | 3"     | 4.1"                  | 4.1"               | 3"     | 4.1"                  | 4.1"               | 3"     |  |
| <b>12</b> † Overall Length                                   | mm              | 8838                  | 9009               | 9009   | 8878                  | 9049               | 9049   | 8923                  | 9094               | 9094   |  |
|  | ft/in           | 29'0"                 | 29'7"              | 29'7"  | 29'2"                 | 29'9"              | 29'9"  | 29'4"                 | 29'11"             | 29'11" |  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 6020                  | 6020               | 6020   | 6059                  | 6059               | 6059   | 6108                  | 6108               | 6108   |  |
|  | ft/in           | 19'9"                 | 19'9"              | 19'9"  | 19'11"                | 19'11"             | 19'11" | 20'1"                 | 20'1"              | 20'1"  |  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6951                  | 7042               | 7042   | 6964                  | 7055               | 7055   | 6978                  | 7070               | 7070   |  |
|  | ft/in           | 22'10"                | 23'2"              | 23'2"  | 22'11"                | 23'2"              | 23'2"  | 22'11"                | 23'3"              | 23'3"  |  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 11 313                | 11 177             | 11 430 | 11 240                | 11 103             | 11 353 | 11 158                | 11 021             | 11 267 |  |
|  | lb              | 24,942                | 24,643             | 25,198 | 24,781                | 24,480             | 25,029 | 24,600                | 24,298             | 24,840 |  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 888                | 11 751             | 12 007 | 11 816                | 11 679             | 11 931 | 11 736                | 11 598             | 11 847 |  |
|  | lb              | 26,209                | 25,908             | 26,471 | 26,051                | 25,747             | 26,304 | 25,874                | 25,569             | 26,118 |  |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9671                  | 9535               | 9773   | 9601                  | 9464               | 9700   | 9523                  | 9386               | 9618   |  |
|  | lb              | 21,321                | 21,021             | 21,547 | 21,167                | 20,866             | 21,385 | 20,996                | 20,693             | 21,205 |  |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10 263                | 10 126             | 10 367 | 10 195                | 10 057             | 10 296 | 10 119                | 9980               | 10 215 |  |
|  | lb              | 22,627                | 22,325             | 22,857 | 22,476                | 22,173             | 22,698 | 22,308                | 22,003             | 22,522 |  |
| Breakout Force (§)   | kN              | 165                   | 164                | 179    | 160                   | 159                | 173    | 155                   | 154                | 167    |  |
|  | lbf             | 37,304                | 37,051             | 40,449 | 36,121                | 35,869             | 39,076 | 34,869                | 34,618             | 37,631 |  |
| Operating Weight*  | kg              | 19 976                | 20 084             | 19 927 | 20 016                | 20 124             | 19 967 | 20 060                | 20 168             | 20 011 |  |
|  | lb              | 44,040                | 44,278             | 43,931 | 44,128                | 44,366             | 44,020 | 44,225                | 44,463             | 44,117 |  |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage               |        |        |                                      |                       |
|--|-----------------|---------------------------------|--------|--------|--------------------------------------|-----------------------|
| Bucket Type  |                 | Flat Floor – Pin-On – BGE – FMT |        |        | Flat Floor – Pin-On – Light Material |                       |
| Edge Type  |                 | Teeth and Segments              | Tips   | Tips   | Bolt-On Cutting Edges                | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 3.50                            | 3.30   | 3.60   | 4.60                                 | 4.60                  |
|  | yd <sup>3</sup> | 4.50                            | 4.25   | 4.75   | 6.00                                 | 6.00                  |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.80                            | 3.60   | 4.00   | 5.00                                 | 5.00                  |
|  | yd <sup>3</sup> | 5.00                            | 4.75   | 5.25   | 6.50                                 | 6.50                  |
| Width  | mm              | 2994                            | 2994   | 2995   | 3059                                 | 3338                  |
|  | ft/in           | 9'9"                            | 9'9"   | 9'9"   | 10'0"                                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 3148                            | 3148   | 3079   | 3122                                 | 3127                  |
|  | ft/in           | 10'3"                           | 10'3"  | 10'1"  | 10'2"                                | 10'3"                 |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1577                            | 1577   | 1653   | 1573                                 | 1589                  |
|  | ft/in           | 5'2"                            | 5'2"   | 5'5"   | 5'1"                                 | 5'2"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3319                            | 3319   | 3421   | 3334                                 | 3342                  |
|  | ft/in           | 10'10"                          | 10'10" | 11'2"  | 10'11"                               | 10'11"                |
| A† Digging Depth   | mm              | 113                             | 84     | 79     | 76                                   | 96                    |
|  | in              | 4.4"                            | 3.3"   | 3.1"   | 3"                                   | 3.8"                  |
| 12† Overall Length   | mm              | 9035                            | 9035   | 9134   | 9063                                 | 9062                  |
|  | ft/in           | 29'8"                           | 29'8"  | 30'0"  | 29'9"                                | 29'9"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6073                            | 6073   | 6155   | 6291                                 | 6007                  |
|  | ft/in           | 20'0"                           | 20'0"  | 20'3"  | 20'8"                                | 19'9"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7037                            | 7037   | 7069   | 7083                                 | 7198                  |
|  | ft/in           | 23'2"                           | 23'2"  | 23'3"  | 23'3"                                | 23'8"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 10 740                          | 11 134 | 10 926 | 10 766                               | 10 893                |
|  | lb              | 23,678                          | 24,548 | 24,089 | 23,736                               | 24,015                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 314                          | 11 715 | 11 504 | 11 352                               | 11 459                |
|  | lb              | 24,943                          | 25,827 | 25,363 | 25,026                               | 25,263                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9096                            | 9482   | 9290   | 9142                                 | 9284                  |
|  | lb              | 20,054                          | 20,904 | 20,481 | 20,155                               | 20,468                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 9687                            | 10 079 | 9886   | 9745                                 | 9868                  |
|  | lb              | 21,358                          | 22,222 | 21,795 | 21,484                               | 21,755                |
| Breakout Force (§)   | kN              | 160                             | 171    | 157    | 148                                  | 140                   |
|  | lbf             | 36,103                          | 38,479 | 35,441 | 33,292                               | 31,463                |
| Operating Weight*  | kg              | 20 471                          | 20 206 | 20 287 | 20 344                               | 20 140                |
|  | lb              | 45,130                          | 44,546 | 44,725 | 44,849                               | 44,401                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                               | High Lift Linkage     |                    |   |        |
|--|-------------------------------|-----------------------|--------------------|---|--------|
| Bucket Type  | Flat Floor – Hook-On – Fusion |                       |                    | Flat Floor – Hook-On – Fusion – BGE – FMT |        |
| Edge Type  |                               | Bolt-On Cutting Edges | Teeth and Segments | Tips                                      | Tips   |
| Capacity – Rated   | m <sup>3</sup>                | 3.40                  | 3.40               | 3.20                                      | 3.40   |
|  | yd <sup>3</sup>               | 4.50                  | 4.50               | 4.25                                      | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>                | 3.70                  | 3.70               | 3.50                                      | 3.70   |
|  | yd <sup>3</sup>               | 4.75                  | 4.75               | 4.50                                      | 4.75   |
| Width  | mm                            | 2927                  | 2994               | 2994                                      | 2995   |
|  | ft/in                         | 9'7"                  | 9'9"               | 9'9"                                      | 9'9"   |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm                            | 3212                  | 3087               | 3087                                      | 2964   |
|  | ft/in                         | 10'6"                 | 10'1"              | 10'1"                                     | 9'8"   |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm                            | 1490                  | 1592               | 1592                                      | 1655   |
|  | ft/in                         | 4'10"                 | 5'2"               | 5'2"                                      | 5'5"   |
| Reach at Level Lift Arm and Bucket Level                     | mm                            | 3212                  | 3373               | 3373                                      | 3504   |
|  | ft/in                         | 10'6"                 | 11'0"              | 11'0"                                     | 11'5"  |
| <b>A</b> † Digging Depth                                     | mm                            | 106                   | 106                | 76  | 79     |
|  | in                            | 4.1"                  | 4.1"               | 3"  | 3.1"   |
| <b>12</b> † Overall Length                                   | mm                            | 8938                  | 9109               | 9109                                      | 9266   |
|  | ft/in                         | 29'4"                 | 29'11"             | 29'11"                                    | 30'5"  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm                            | 6094                  | 6094               | 6094                                      | 6137   |
|  | ft/in                         | 20'0"                 | 20'0"              | 20'0"                                     | 20'2"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm                            | 6973                  | 7065               | 7065                                      | 7134   |
|  | ft/in                         | 22'11"                | 23'3"              | 23'3"                                     | 23'5"  |
| Static Tipping Load, Straight (With tire deflection)         | kg                            | 10 721                | 10 584             | 10 872                                    | 10 391 |
|  | lb                            | 23,635                | 23,335             | 23,970                                    | 22,909 |
| Static Tipping Load, Straight (No tire deflection)           | kg                            | 11 290                | 11 153             | 11 448                                    | 10 959 |
|  | lb                            | 24,891                | 24,589             | 25,239                                    | 24,162 |
| Static Tipping Load, Articulated (With tire deflection)      | kg                            | 9103                  | 8966               | 9241                                      | 8776   |
|  | lb                            | 20,069                | 19,768             | 20,373                                    | 19,348 |
| Static Tipping Load, Articulated (No tire deflection)        | kg                            | 9690                  | 9553               | 9835                                      | 9362   |
|  | lb                            | 21,364                | 21,062             | 21,682                                    | 20,640 |
| Breakout Force (§)   | kN                            | 153                   | 152                | 165                                       | 154    |
|  | lbf                           | 34,491                | 34,239             | 37,194                                    | 34,774 |
| Operating Weight*  | kg                            | 20 463                | 20 571             | 20 414                                    | 20 760 |
|  | lb                            | 45,113                | 45,351             | 45,005                                    | 45,767 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage             |                    |        |
|--|-----------------|-------------------------------|--------------------|--------|
| Bucket Type  |                 | Flat Floor – Hook-On – Fusion |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges         | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                          | 3.60               | 3.40   |
|  | yd <sup>3</sup> | 4.75                          | 4.75               | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                          | 4.00               | 3.70   |
|  | yd <sup>3</sup> | 5.25                          | 5.25               | 4.75   |
| Width  | mm              | 2927                          | 2994               | 2994   |
|  | ft/in           | 9'7"                          | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 3180                          | 3055               | 3055   |
|  | ft/in           | 10'5"                         | 10'0"              | 10'0"  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1522                          | 1624               | 1624   |
|  | ft/in           | 4'11"                         | 5'3"               | 5'3"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3257                          | 3418               | 3418   |
|  | ft/in           | 10'8"                         | 11'2"              | 11'2"  |
| A† Digging Depth   | mm              | 106                           | 106                | 76     |
|  | in              | 4.1"                          | 4.1"               | 3"     |
| 12† Overall Length   | mm              | 8983                          | 9154               | 9154   |
|  | ft/in           | 29'6"                         | 30'1"              | 30'1"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6137                          | 6137               | 6137   |
|  | ft/in           | 20'2"                         | 20'2"              | 20'2"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6988                          | 7080               | 7080   |
|  | ft/in           | 23'0"                         | 23'3"              | 23'3"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 10 644                        | 10 507             | 10 796 |
|  | lb              | 23,467                        | 23,165             | 23,801 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 215                        | 11 077             | 11 373 |
|  | lb              | 24,725                        | 24,421             | 25,073 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9030                          | 8893               | 9168   |
|  | lb              | 19,909                        | 19,607             | 20,213 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 9619                          | 9481               | 9763   |
|  | lb              | 21,207                        | 20,903             | 21,525 |
| Breakout Force (§)   | kN              | 148                           | 147                | 159    |
|  | lbf             | 33,343                        | 33,092             | 35,877 |
| Operating Weight*  | kg              | 20 503                        | 20 611             | 20 454 |
|  | lb              | 45,201                        | 45,439             | 45,093 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | High Lift Linkage     |                       |                       |                       |                               |
|--|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------------|
| Bucket Type  |                 | High Dump – Pin-On    |                       |                       |                       | High Dump – Pin-On – Abrasion |
| Edge Type  |                 | Bolt-On Cutting Edges         |
| Capacity – Rated   | m <sup>3</sup>  | 5.10                  | 6.10                  | 7.60                  | 9.20                  | 8.20                          |
|  | yd <sup>3</sup> | 6.75                  | 8.00                  | 10.00                 | 12.00                 | 10.75                         |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 5.60                  | 6.70                  | 8.40                  | 10.10                 | 9.00                          |
|  | yd <sup>3</sup> | 7.25                  | 8.75                  | 11.00                 | 13.25                 | 11.75                         |
| Width  | mm              | 3029                  | 2910                  | 3350                  | 3350                  | 3205                          |
|  | ft/in           | 9'11"                 | 9'6"                  | 10'11"                | 10'11"                | 10'6"                         |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 2956                  | 2830                  | 2759                  | 2617                  | 2756                          |
|  | ft/in           | 9'8"                  | 9'3"                  | 9'0"                  | 8'7"                  | 9'0"                          |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1757                  | 1778                  | 1943                  | 2085                  | 1946                          |
|  | ft/in           | 5'9"                  | 5'10"                 | 6'4"                  | 6'10"                 | 6'4"                          |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3582                  | 3686                  | 3853                  | 4053                  | 3857                          |
|  | ft/in           | 11'9"                 | 12'1"                 | 12'7"                 | 13'3"                 | 12'7"                         |
| <b>A</b> † Digging Depth                                     | mm              | 99                    | 173                   | 76                    | 76                    | 106                           |
|  | in              | 3.9"                  | 6.8"                  | 3"                    | 3"                    | 4.1"                          |
| <b>12</b> † Overall Length                                   | mm              | 9303                  | 9452                  | 9579                  | 9779                  | 9583                          |
|  | ft/in           | 30'7"                 | 31'1"                 | 31'6"                 | 32'1"                 | 31'6"                         |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 6571                  | 6580                  | 6554                  | 6755                  | 6983                          |
|  | ft/in           | 21'7"                 | 21'8"                 | 21'7"                 | 22'2"                 | 22'11"                        |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7146                  | 7165                  | 7380                  | 7450                  | 7320                          |
|  | ft/in           | 23'6"                 | 23'7"                 | 24'3"                 | 24'6"                 | 24'1"                         |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 9911                  | 9014                  | 9362                  | 9058                  | 8587                          |
|  | lb              | 21,851                | 19,874                | 20,640                | 19,970                | 18,932                        |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 10487                 | 9581                  | 9961                  | 9660                  | 9168                          |
|  | lb              | 23,121                | 21,123                | 21,960                | 21,297                | 20,213                        |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 8342                  | 7474                  | 7788                  | 7500                  | 7037                          |
|  | lb              | 18,391                | 16,477                | 17,171                | 16,535                | 15,515                        |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 8936                  | 8057                  | 8405                  | 8120                  | 7636                          |
|  | lb              | 19,702                | 17,764                | 18,531                | 17,902                | 16,835                        |
| Breakout Force (§)   | kN              | 116                   | 108                   | 102                   | 91                    | 94                            |
|  | lbf             | 26,251                | 24,376                | 23,126                | 20,601                | 21,310                        |
| Operating Weight*  | kg              | 20 768                | 21 530                | 21 329                | 21 502                | 21 922                        |
|  | lb              | 45,785                | 47,465                | 47,022                | 47,404                | 48,330                        |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage            |                       |                       |
|--|-----------------|------------------------------|-----------------------|-----------------------|
| Bucket Type  |                 | High Dump – Hook-On – Fusion |                       |                       |
| Edge Type  |                 | Bolt-On Cutting Edges        | Bolt-On Cutting Edges | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 6.10                         | 7.60                  | 9.20                  |
|  | yd <sup>3</sup> | 8.00                         | 10.00                 | 12.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 6.70                         | 8.40                  | 10.10                 |
|  | yd <sup>3</sup> | 8.75                         | 11.00                 | 13.25                 |
| Width  | mm              | 3037                         | 3350                  | 3350                  |
|  | ft/in           | 9'11"                        | 10'11"                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2784                         | 2713                  | 2572                  |
|  | ft/in           | 9'1"                         | 8'10"                 | 8'5"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1918                         | 1989                  | 2131                  |
|  | ft/in           | 6'3"                         | 6'6"                  | 6'11"                 |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3817                         | 3918                  | 4118                  |
|  | ft/in           | 12'6"                        | 12'10"                | 13'6"                 |
| A† Digging Depth   | mm              | 106                          | 76                    | 76                    |
|  | in              | 4.1"                         | 3"                    | 3"                    |
| 12† Overall Length   | mm              | 9543                         | 9644                  | 9844                  |
|  | ft/in           | 31'4"                        | 31'8"                 | 32'4"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6529                         | 6594                  | 6795                  |
|  | ft/in           | 21'6"                        | 21'8"                 | 22'4"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7224                         | 7392                  | 7462                  |
|  | ft/in           | 23'9"                        | 24'3"                 | 24'6"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 8730                         | 8749                  | 8453                  |
|  | lb              | 19,246                       | 19,288                | 18,636                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 9282                         | 9336                  | 9043                  |
|  | lb              | 20,463                       | 20,584                | 19,937                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 7223                         | 7197                  | 6916                  |
|  | lb              | 15,924                       | 15,866                | 15,248                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 7794                         | 7802                  | 7524                  |
|  | lb              | 17,183                       | 17,202                | 16,589                |
| Breakout Force (§)   | kN              | 100                          | 98                    | 87                    |
|  | lbf             | 22,500                       | 22,144                | 19,768                |
| Operating Weight*  | kg              | 21 677                       | 21 896                | 22 068                |
|  | lb              | 47,789                       | 48,272                | 48,651                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage     |                       |                             |                       |
|--|-----------------|-----------------------|-----------------------|-----------------------------|-----------------------|
| Bucket Type  |                 | Woodchip – Pin-On     |                       | Woodchip – Hook-On – Fusion |                       |
| Edge Type  |                 | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges       | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 9.20                  | 9.90                  | 9.20                        | 9.90                  |
|  | yd <sup>3</sup> | 12.00                 | 13.00                 | 12.00                       | 13.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 10.10                 | 10.90                 | 10.10                       | 10.90                 |
|  | yd <sup>3</sup> | 13.25                 | 14.25                 | 13.25                       | 14.25                 |
| Width  | mm              | 3330                  | 3330                  | 3330                        | 3330                  |
|  | ft/in           | 10'11"                | 10'11"                | 10'11"                      | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2742                  | 2667                  | 2649                        | 2644                  |
|  | ft/in           | 8'11"                 | 8'9"                  | 8'8"                        | 8'8"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1967                  | 2042                  | 2061                        | 2065                  |
|  | ft/in           | 6'5"                  | 6'8"                  | 6'9"                        | 6'9"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3882                  | 3988                  | 4014                        | 4020                  |
|  | ft/in           | 12'8"                 | 13'1"                 | 13'2"                       | 13'2"                 |
| A† Digging Depth   | mm              | 101                   | 101                   | 101                         | 101                   |
|  | in              | 4"                    | 4"                    | 4"                          | 4"                    |
| 12† Overall Length   | mm              | 9605                  | 9711                  | 9737                        | 9743                  |
|  | ft/in           | 31'7"                 | 31'11"                | 32'0"                       | 32'0"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6746                  | 6838                  | 6803                        | 6855                  |
|  | ft/in           | 22'2"                 | 22'6"                 | 22'4"                       | 22'6"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7378                  | 7415                  | 7414                        | 7416                  |
|  | ft/in           | 24'3"                 | 24'4"                 | 24'4"                       | 24'4"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 10 105                | 10 020                | 9003                        | 9046                  |
|  | lb              | 22,279                | 22,091                | 19,849                      | 19,943                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 10 723                | 10 644                | 9556                        | 9604                  |
|  | lb              | 23,640                | 23,467                | 21,067                      | 21,174                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 8523                  | 8433                  | 7516                        | 7554                  |
|  | lb              | 18,791                | 18,593                | 16,570                      | 16,654                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 9158                  | 9075                  | 8088                        | 8132                  |
|  | lb              | 20,192                | 20,007                | 17,831                      | 17,928                |
| Breakout Force (§)   | kN              | 98                    | 93                    | 92                          | 91                    |
|  | lbf             | 22,244                | 20,960                | 20,736                      | 20,604                |
| Operating Weight*  | kg              | 20 602                | 20 694                | 21 237                      | 21 198                |
|  | lb              | 45,420                | 45,622                | 46,819                      | 46,733                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, high lift counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight  |                       |                    |        |                       |                    |        |                       |                    |        |
|--|-----------------|--------------------------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                       |                    |        |                       |                    |        |                       |                    |        |
| Edge Type  |                 |                          | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  |                          | 3.10                  | 3.10               | 2.90   | 3.30                  | 3.30               | 3.10   | 3.40                  | 3.40               | 3.20   |
|  | yd <sup>3</sup> |                          | 4.00                  | 4.00               | 3.75   | 4.25                  | 4.25               | 4.00   | 4.50                  | 4.50               | 4.25   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  |                          | 3.40                  | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   | 3.70                  | 3.70               | 3.50   |
|  | yd <sup>3</sup> |                          | 4.50                  | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   | 4.75                  | 4.75               | 4.50   |
| Width  | mm              |                          | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           |                          | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              |                          | 2864                  | 2746               | 2746   | 2826                  | 2707               | 2707   | 2807                  | 2688               | 2688   |
|  | ft/in           |                          | 9'4"                  | 9'0"               | 9'0"   | 9'3"                  | 8'10"              | 8'10"  | 9'2"                  | 8'9"               | 8'9"   |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              |                          | 1435                  | 1546               | 1546   | 1464                  | 1574               | 1574   | 1479                  | 1588               | 1588   |
|  | ft/in           |                          | 4'8"                  | 5'0"               | 5'0"   | 4'9"                  | 5'1"               | 5'1"   | 4'10"                 | 5'2"               | 5'2"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              |                          | 2694                  | 2855               | 2855   | 2743                  | 2904               | 2904   | 2767                  | 2928               | 2928   |
|  | ft/in           |                          | 8'10"                 | 9'4"               | 9'4"   | 9'0"                  | 9'6"               | 9'6"   | 9'0"                  | 9'7"               | 9'7"   |
| A† Digging Depth   | mm              |                          | 102                   | 102                | 72     | 102                   | 102                | 72     | 102                   | 102                | 72     |
|  | in              |                          | 4"                    | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   |
| 12† Overall Length   | mm              |                          | 8343                  | 8516               | 8516   | 8392                  | 8565               | 8565   | 8416                  | 8589               | 8589   |
|  | ft/in           |                          | 27'5"                 | 28'0"              | 28'0"  | 27'7"                 | 28'2"              | 28'2"  | 27'8"                 | 28'3"              | 28'3"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              |                          | 5513                  | 5513               | 5513   | 5559                  | 5559               | 5559   | 5585                  | 5585               | 5585   |
|  | ft/in           |                          | 18'2"                 | 18'2"              | 18'2"  | 18'3"                 | 18'3"              | 18'3"  | 18'4"                 | 18'4"              | 18'4"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              |                          | 6735                  | 6821               | 6821   | 6750                  | 6836               | 6836   | 6757                  | 6844               | 6844   |
|  | ft/in           |                          | 22'2"                 | 22'5"              | 22'5"  | 22'2"                 | 22'6"              | 22'6"  | 22'3"                 | 22'6"              | 22'6"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              |                          | 13 823                | 13 682             | 13 976 | 13 698                | 13 557             | 13 849 | 13 654                | 13 512             | 13 801 |
|  | lb              |                          | 30,474                | 30,164             | 30,813 | 30,200                | 29,888             | 30,533 | 30,102                | 29,789             | 30,426 |
| Static Tipping Load, Straight (No tire deflection)           | kg              |                          | 14 637                | 14 495             | 14 797 | 14 515                | 14 371             | 14 672 | 14 471                | 14 328             | 14 625 |
|  | lb              |                          | 32,269                | 31,956             | 32,622 | 32,000                | 31,684             | 32,348 | 31,905                | 31,588             | 32,243 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              |                          | 11 889                | 11 748             | 12 023 | 11 770                | 11 628             | 11 902 | 11 727                | 11 585             | 11 855 |
|  | lb              |                          | 26,211                | 25,901             | 26,507 | 25,949                | 25,637             | 26,239 | 25,855                | 25,542             | 26,137 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              |                          | 12 713                | 12 571             | 12 853 | 12 596                | 12 453             | 12 734 | 12 555                | 12 411             | 12 688 |
|  | lb              |                          | 28,028                | 27,714             | 28,336 | 27,771                | 27,455             | 28,074 | 27,680                | 27,363             | 27,974 |
| Breakout Force (§)   | kN              |                          | 181                   | 179                | 196    | 173                   | 172                | 188    | 170                   | 169                | 184    |
|  | lbf             |                          | 40,689                | 40,400             | 44,194 | 39,063                | 38,777             | 42,300 | 38,316                | 38,030             | 41,434 |
| Operating Weight*  | kg              |                          | 19 671                | 19 779             | 19 622 | 19 740                | 19 848             | 19 691 | 19 764                | 19 872             | 19 715 |
|  | lb              |                          | 43,366                | 43,604             | 43,258 | 43,519                | 43,757             | 43,411 | 43,572                | 43,810             | 43,464 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight  |                    |        |                                    |                    |        |
|--|-----------------|--------------------------|--------------------|--------|------------------------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        | General Purpose – Hook-On – Fusion |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges              | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                     | 3.60               | 3.40   | 3.10                               | 3.10               | 2.90   |
|  | yd <sup>3</sup> | 4.75                     | 4.75               | 4.50   | 4.00                               | 4.00               | 3.75   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                     | 4.00               | 3.70   | 3.40                               | 3.40               | 3.20   |
|  | yd <sup>3</sup> | 5.25                     | 5.25               | 4.75   | 4.50                               | 4.50               | 4.25   |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                               | 2994               | 2994   |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                               | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2781                     | 2661               | 2661   | 2825                               | 2706               | 2706   |
|  | ft/in           | 9'1"                     | 8'8"               | 8'8"   | 9'3"                               | 8'10"              | 8'10"  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1501                     | 1610               | 1610   | 1481                               | 1591               | 1591   |
|  | ft/in           | 4'11"                    | 5'3"               | 5'3"   | 4'10"                              | 5'2"               | 5'2"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2802                     | 2963               | 2963   | 2754                               | 2915               | 2915   |
|  | ft/in           | 9'2"                     | 9'8"               | 9'8"   | 9'0"                               | 9'6"               | 9'6"   |
| A† Digging Depth   | mm              | 102                      | 102                | 72     | 102                                | 102                | 72     |
|  | in              | 4"                       | 4"                 | 2.8"   | 4"                                 | 4"                 | 2.8"   |
| 12† Overall Length   | mm              | 8451                     | 8624               | 8624   | 8403                               | 8576               | 8576   |
|  | ft/in           | 27'9"                    | 28'4"              | 28'4"  | 27'7"                              | 28'2"              | 28'2"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5618                     | 5618               | 5618   | 5546                               | 5546               | 5546   |
|  | ft/in           | 18'6"                    | 18'6"              | 18'6"  | 18'3"                              | 18'3"              | 18'3"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6768                     | 6854               | 6854   | 6749                               | 6836               | 6836   |
|  | ft/in           | 22'3"                    | 22'6"              | 22'6"  | 22'2"                              | 22'6"              | 22'6"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 13 581                   | 13 438             | 13 724 | 13 221                             | 13 081             | 13 421 |
|  | lb              | 29,941                   | 29,626             | 30,256 | 29,147                             | 28,838             | 29,589 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 14 400                   | 14 256             | 14 549 | 14 023                             | 13 881             | 14 235 |
|  | lb              | 31,748                   | 31,429             | 32,076 | 30,915                             | 30,602             | 31,383 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 11 658                   | 11 515             | 11 782 | 11 316                             | 11 176             | 11 497 |
|  | lb              | 25,702                   | 25,388             | 25,975 | 24,948                             | 24,639             | 25,346 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 12 488                   | 12 343             | 12 617 | 12 128                             | 11 987             | 12 321 |
|  | lb              | 27,531                   | 27,213             | 27,816 | 26,739                             | 26,426             | 27,163 |
| Breakout Force (§)   | kN              | 165                      | 164                | 178    | 172                                | 171                | 186    |
|  | lbf             | 37,271                   | 36,987             | 40,226 | 38,737                             | 38,451             | 41,920 |
| Operating Weight*  | kg              | 19 800                   | 19 908             | 19 751 | 20 140                             | 20 248             | 20 091 |
|  | lb              | 43,652                   | 43,890             | 43,544 | 44,402                             | 44,640             | 44,293 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight            |                    |        |                       |                    |        |
|--|-----------------|------------------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Hook-On – Fusion |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges              | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.40                               | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   |
|  | yd <sup>3</sup> | 4.50                               | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.70                               | 3.70               | 3.50   | 4.00                  | 4.00               | 3.70   |
|  | yd <sup>3</sup> | 4.75                               | 4.75               | 4.50   | 5.25                  | 5.25               | 4.75   |
| Width  | mm              | 2927                               | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                               | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2767                               | 2648               | 2648   | 2741                  | 2621               | 2621   |
|  | ft/in           | 9'0"                               | 8'8"               | 8'8"   | 8'11"                 | 8'7"               | 8'7"   |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1524                               | 1633               | 1633   | 1545                  | 1654               | 1654   |
|  | ft/in           | 5'0"                               | 5'4"               | 5'4"   | 5'0"                  | 5'5"               | 5'5"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2827                               | 2988               | 2988   | 2862                  | 3023               | 3023   |
|  | ft/in           | 9'3"                               | 9'9"               | 9'9"   | 9'4"                  | 9'11"              | 9'11"  |
| A† Digging Depth   | mm              | 102                                | 102                | 72     | 102                   | 102                | 72     |
|  | in              | 4"                                 | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   |
| 12† Overall Length   | mm              | 8476                               | 8649               | 8649   | 8511                  | 8684               | 8684   |
|  | ft/in           | 27'10"                             | 28'5"              | 28'5"  | 28'0"                 | 28'6"              | 28'6"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5618                               | 5618               | 5618   | 5652                  | 5652               | 5652   |
|  | ft/in           | 18'6"                              | 18'6"              | 18'6"  | 18'7"                 | 18'7"              | 18'7"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6772                               | 6859               | 6859   | 6783                  | 6870               | 6870   |
|  | ft/in           | 22'3"                              | 22'7"              | 22'7"  | 22'4"                 | 22'7"              | 22'7"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 13 084                             | 12 942             | 13 280 | 13 016                | 12 874             | 13 211 |
|  | lb              | 28,845                             | 28,533             | 29,278 | 28,696                | 28,382             | 29,125 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 889                             | 13 746             | 14 098 | 13 823                | 13 679             | 14 030 |
|  | lb              | 30,621                             | 30,305             | 31,080 | 30,476                | 30,159             | 30,931 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 11 186                             | 11 044             | 11 363 | 11 122                | 10 979             | 11 298 |
|  | lb              | 24,661                             | 24,349             | 25,052 | 24,520                | 24,206             | 24,908 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 12 002                             | 11 859             | 12 191 | 11 940                | 11 796             | 12 127 |
|  | lb              | 26,461                             | 26,145             | 26,877 | 26,323                | 26,006             | 26,736 |
| Breakout Force (§)   | kN              | 162                                | 161                | 175    | 158                   | 157                | 170    |
|  | lbf             | 36,582                             | 36,299             | 39,430 | 35,623                | 35,340             | 38,329 |
| Operating Weight*  | kg              | 20 210                             | 20 318             | 20 161 | 20 244                | 20 352             | 20 195 |
|  | lb              | 44,556                             | 44,794             | 44,448 | 44,631                | 44,869             | 44,523 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight |                    |        |                       |                    |        |                       |                    |        |
|--|-----------------|-------------------------|--------------------|--------|-----------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | Flat Floor – Pin-On     |                    |        |                       |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges   | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.30                    | 3.30               | 3.10   | 3.40                  | 3.40               | 3.20   | 3.60                  | 3.60               | 3.40   |
|  | yd <sup>3</sup> | 4.25                    | 4.25               | 4.00   | 4.50                  | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.60                    | 3.60               | 3.40   | 3.70                  | 3.70               | 3.50   | 4.00                  | 4.00               | 3.70   |
|  | yd <sup>3</sup> | 4.75                    | 4.75               | 4.50   | 4.75                  | 4.75               | 4.50   | 5.25                  | 5.25               | 4.75   |
| Width  | mm              | 2927                    | 2994               | 2994   | 2927                  | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                    | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 2777                    | 2652               | 2652   | 2749                  | 2624               | 2624   | 2717                  | 2592               | 2592   |
|  | ft/in           | 9'1"                    | 8'8"               | 8'8"   | 9'0"                  | 8'7"               | 8'7"   | 8'11"                 | 8'6"               | 8'6"   |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1384                    | 1486               | 1486   | 1412                  | 1514               | 1514   | 1444                  | 1546               | 1546   |
|  | ft/in           | 4'6"                    | 4'10"              | 4'10"  | 4'7"                  | 4'11"              | 4'11"  | 4'8"                  | 5'0"               | 5'0"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2737                    | 2898               | 2898   | 2777                  | 2938               | 2938   | 2822                  | 2983               | 2983   |
|  | ft/in           | 8'11"                   | 9'6"               | 9'6"   | 9'1"                  | 9'7"               | 9'7"   | 9'3"                  | 9'9"               | 9'9"   |
| <b>A</b> † Digging Depth                                     | mm              | 102                     | 102                | 72     | 102                   | 102                | 72     | 102                   | 102                | 72     |
|  | in              | 4"                      | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   | 4"                    | 4"                 | 2.8"   |
| <b>12</b> † Overall Length                                   | mm              | 8386                    | 8559               | 8559   | 8426                  | 8599               | 8599   | 8471                  | 8644               | 8644   |
|  | ft/in           | 27'7"                   | 28'1"              | 28'1"  | 27'8"                 | 28'3"              | 28'3"  | 27'10"                | 28'5"              | 28'5"  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 5515                    | 5515               | 5515   | 5554                  | 5554               | 5554   | 5602                  | 5602               | 5602   |
|  | ft/in           | 18'2"                   | 18'2"              | 18'2"  | 18'3"                 | 18'3"              | 18'3"  | 18'5"                 | 18'5"              | 18'5"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6748                    | 6834               | 6834   | 6760                  | 6847               | 6847   | 6774                  | 6861               | 6861   |
|  | ft/in           | 22'2"                   | 22'6"              | 22'6"  | 22'3"                 | 22'6"              | 22'6"  | 22'3"                 | 22'7"              | 22'7"  |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 13 573                  | 13 432             | 13 717 | 13 491                | 13 350             | 13 632 | 13 400                | 13 259             | 13 536 |
|  | lb              | 29,923                  | 29,614             | 30,242 | 29,743                | 29,433             | 30,053 | 29,543                | 29,231             | 29,842 |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 14 367                  | 14 226             | 14 517 | 14 288                | 14 145             | 14 433 | 14 199                | 14 056             | 14 340 |
|  | lb              | 31,675                  | 31,363             | 32,005 | 31,500                | 31,186             | 31,821 | 31,304                | 30,988             | 31,614 |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 11 664                  | 11 524             | 11 791 | 11 587                | 11 446             | 11 710 | 11 501                | 11 359             | 11 619 |
|  | lb              | 25,715                  | 25,406             | 25,995 | 25,545                | 25,235             | 25,816 | 25,356                | 25,044             | 25,616 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 12 469                  | 12 328             | 12 601 | 12 394                | 12 252             | 12 521 | 12 311                | 12 167             | 12 433 |
|  | lb              | 27,491                  | 27,179             | 27,780 | 27,326                | 27,012             | 27,605 | 27,141                | 26,825             | 27,410 |
| Breakout Force (§)   | kN              | 174                     | 173                | 189    | 169                   | 167                | 182    | 163                   | 162                | 176    |
|  | lbf             | 39,241                  | 38,955             | 42,509 | 38,002                | 37,717             | 41,071 | 36,690                | 36,407             | 39,557 |
| Operating Weight*  | kg              | 19 726                  | 19 834             | 19 677 | 19 766                | 19 874             | 19 717 | 19 810                | 19 918             | 19 761 |
|  | lb              | 43,487                  | 43,725             | 43,379 | 43,576                | 43,814             | 43,468 | 43,673                | 43,911             | 43,564 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight         |        |        |                                      |                       |
|--|-----------------|---------------------------------|--------|--------|--------------------------------------|-----------------------|
| Bucket Type  |                 | Flat Floor – Pin-On – BGE – FMT |        |        | Flat Floor – Pin-On – Light Material |                       |
| Edge Type  |                 | Teeth and Segments              | Tips   | Tips   | Bolt-On Cutting Edges                | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 3.50                            | 3.30   | 3.60   | 4.60                                 | 4.60                  |
|  | yd <sup>3</sup> | 4.50                            | 4.25   | 4.75   | 6.00                                 | 6.00                  |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.80                            | 3.60   | 4.00   | 5.00                                 | 5.00                  |
|  | yd <sup>3</sup> | 5.00                            | 4.75   | 5.25   | 6.50                                 | 6.50                  |
| Width  | mm              | 2994                            | 2994   | 2995   | 3059                                 | 3338                  |
|  | ft/in           | 9'9"                            | 9'9"   | 9'9"   | 10'0"                                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2643                            | 2643   | 2574   | 2617                                 | 2622                  |
|  | ft/in           | 8'8"                            | 8'8"   | 8'5"   | 8'7"                                 | 8'7"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1542                            | 1542   | 1618   | 1537                                 | 1553                  |
|  | ft/in           | 5'0"                            | 5'0"   | 5'3"   | 5'0"                                 | 5'1"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2944                            | 2944   | 3046   | 2959                                 | 2967                  |
|  | ft/in           | 9'7"                            | 9'7"   | 9'11"  | 9'8"                                 | 9'8"                  |
| A† Digging Depth   | mm              | 108                             | 80     | 75     | 72                                   | 92                    |
|  | in              | 4.2"                            | 3.1"   | 2.9"   | 2.8"                                 | 3.6"                  |
| 12† Overall Length   | mm              | 8581                            | 8581   | 8679   | 8612                                 | 8609                  |
|  | ft/in           | 28'2"                           | 28'2"  | 28'6"  | 28'4"                                | 28'3"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5568                            | 5568   | 5650   | 5786                                 | 5502                  |
|  | ft/in           | 18'4"                           | 18'4"  | 18'7"  | 19'0"                                | 18'1"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6835                            | 6835   | 6866   | 6877                                 | 6999                  |
|  | ft/in           | 22'6"                           | 22'6"  | 22'7"  | 22'7"                                | 23'0"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 990                          | 13 417 | 13 170 | 12 986                               | 13 070                |
|  | lb              | 28,639                          | 29,580 | 29,035 | 28,629                               | 28,816                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 784                          | 14 221 | 13 970 | 13 796                               | 13 849                |
|  | lb              | 30,389                          | 31,352 | 30,798 | 30,416                               | 30,533                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 11 080                          | 11 495 | 11 269 | 11 099                               | 11 205                |
|  | lb              | 24,427                          | 25,342 | 24,843 | 24,470                               | 24,704                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 884                          | 12 309 | 12 079 | 11 920                               | 11 996                |
|  | lb              | 26,201                          | 27,138 | 26,631 | 26,280                               | 26,447                |
| Breakout Force (§)   | kN              | 169                             | 180    | 166    | 155                                  | 147                   |
|  | lbf             | 38,052                          | 40,525 | 37,346 | 35,049                               | 33,132                |
| Operating Weight*  | kg              | 20 221                          | 19 956 | 20 037 | 20 093                               | 19 890                |
|  | lb              | 44,578                          | 43,994 | 44,173 | 44,297                               | 43,849                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                               | Auxiliary Counterweight |        |   |        |
|--|-------------------------------|-------------------------|--------|---|--------|
| Bucket Type  | Flat Floor – Hook-On – Fusion |                         |        | Flat Floor – Hook-On – Fusion – BGE – FMT |        |
| Edge Type  | Bolt-On Cutting Edges         | Teeth and Segments      | Tips   | Tips                                      |        |
| Capacity – Rated   | m <sup>3</sup>                | 3.40                    | 3.40   | 3.20                                      | 3.40   |
|  | yd <sup>3</sup>               | 4.50                    | 4.50   | 4.25                                      | 4.50   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>                | 3.70                    | 3.70   | 3.50                                      | 3.70   |
|  | yd <sup>3</sup>               | 4.75                    | 4.75   | 4.50                                      | 4.75   |
| Width  | mm                            | 2927                    | 2994   | 2994                                      | 2995   |
|  | ft/in                         | 9'7"                    | 9'9"   | 9'9"                                      | 9'9"   |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm                            | 2707                    | 2581   | 2581                                      | 2459   |
|  | ft/in                         | 8'10"                   | 8'5"   | 8'5"                                      | 8'0"   |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm                            | 1455                    | 1557   | 1557                                      | 1620   |
|  | ft/in                         | 4'9"                    | 5'1"   | 5'1"                                      | 5'3"   |
| Reach at Level Lift Arm and Bucket Level                     | mm                            | 2837                    | 2998   | 2998                                      | 3129   |
|  | ft/in                         | 9'3"                    | 9'10"  | 9'10"                                     | 10'3"  |
| <b>A</b> † Digging Depth                                     | mm                            | 102                     | 102    | 72  | 75     |
|  | in                            | 4"                      | 4"     | 2.8"                                      | 2.9"   |
| <b>12</b> † Overall Length                                   | mm                            | 8486                    | 8659   | 8659                                      | 8820   |
|  | ft/in                         | 27'11"                  | 28'5"  | 28'5"                                     | 29'0"  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm                            | 5588                    | 5588   | 5588                                      | 5632   |
|  | ft/in                         | 18'4"                   | 18'4"  | 18'4"                                     | 18'6"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm                            | 6775                    | 6862   | 6862                                      | 6922   |
|  | ft/in                         | 22'3"                   | 22'7"  | 22'7"                                     | 22'9"  |
| Static Tipping Load, Straight (With tire deflection)         | kg                            | 12 930                  | 12 790 | 13 116                                    | 12 593 |
|  | lb                            | 28,507                  | 28,198 | 28,917                                    | 27,763 |
| Static Tipping Load, Straight (No tire deflection)           | kg                            | 13 716                  | 13 574 | 13 912                                    | 13 376 |
|  | lb                            | 30,239                  | 29,927 | 30,671                                    | 29,490 |
| Static Tipping Load, Articulated (With tire deflection)      | kg                            | 11 054                  | 10 914 | 11 222                                    | 10 719 |
|  | lb                            | 24,370                  | 24,061 | 24,741                                    | 23,633 |
| Static Tipping Load, Articulated (No tire deflection)        | kg                            | 11 851                  | 11 709 | 12 029                                    | 11 514 |
|  | lb                            | 26,128                  | 25,815 | 26,520                                    | 25,385 |
| Breakout Force (§)   | kN                            | 161                     | 160    | 173                                       | 162    |
|  | lbf                           | 36,293                  | 36,010 | 39,099                                    | 36,489 |
| Operating Weight*  | kg                            | 20 213                  | 20 321 | 20 164                                    | 20 510 |
|  | lb                            | 44,561                  | 44,799 | 44,452                                    | 45,215 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                               | Auxiliary Counterweight |        |   |        |
|--|-------------------------------|-------------------------|--------|---|--------|
| Bucket Type  | Flat Floor – Hook-On – Fusion |                         |        | Flat Floor – Hook-On – Fusion – BGE – FMT |        |
| Edge Type  | Bolt-On Cutting Edges         | Teeth and Segments      | Tips   | Tips                                      |        |
| Capacity – Rated   | m <sup>3</sup>                | 3.60                    | 3.60   | 3.40                                      | 3.80   |
|  | yd <sup>3</sup>               | 4.75                    | 4.75   | 4.50                                      | 5.00   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>                | 4.00                    | 4.00   | 3.70                                      | 4.20   |
|  | yd <sup>3</sup>               | 5.25                    | 5.25   | 4.75                                      | 5.50   |
| Width  | mm                            | 2927                    | 2994   | 2994                                      | 2995   |
|  | ft/in                         | 9'7"                    | 9'9"   | 9'9"                                      | 9'9"   |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm                            | 2675                    | 2549   | 2549                                      | 2385   |
|  | ft/in                         | 8'9"                    | 8'4"   | 8'4"                                      | 7'9"   |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm                            | 1486                    | 1589   | 1589                                      | 1694   |
|  | ft/in                         | 4'10"                   | 5'2"   | 5'2"                                      | 5'6"   |
| Reach at Level Lift Arm and Bucket Level                     | mm                            | 2882                    | 3043   | 3043                                      | 3234   |
|  | ft/in                         | 9'5"                    | 9'11"  | 9'11"                                     | 10'7"  |
| <b>A</b> † Digging Depth                                     | mm                            | 102                     | 102    | 72  | 75     |
|  | in                            | 4"                      | 4"     | 2.8"                                      | 2.9"   |
| <b>12</b> † Overall Length                                   | mm                            | 8531                    | 8704   | 8704                                      | 8925   |
|  | ft/in                         | 28'0"                   | 28'7"  | 28'7"                                     | 29'4"  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm                            | 5631                    | 5631   | 5631                                      | 5736   |
|  | ft/in                         | 18'6"                   | 18'6"  | 18'6"                                     | 18'10" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm                            | 6789                    | 6877   | 6877                                      | 6956   |
|  | ft/in                         | 22'4"                   | 22'7"  | 22'7"                                     | 22'10" |
| Static Tipping Load, Straight (With tire deflection)         | kg                            | 12 845                  | 12 704 | 13 031                                    | 12 373 |
|  | lb                            | 28,318                  | 28,008 | 28,728                                    | 27,277 |
| Static Tipping Load, Straight (No tire deflection)           | kg                            | 13 632                  | 13 489 | 13 828                                    | 13 159 |
|  | lb                            | 30,054                  | 29,740 | 30,487                                    | 29,011 |
| Static Tipping Load, Articulated (With tire deflection)      | kg                            | 10 973                  | 10 832 | 11 141                                    | 10 510 |
|  | lb                            | 24,192                  | 23,881 | 24,563                                    | 23,170 |
| Static Tipping Load, Articulated (No tire deflection)        | kg                            | 11 772                  | 11 629 | 11 950                                    | 11 307 |
|  | lb                            | 25,954                  | 25,639 | 26,346                                    | 24,929 |
| Breakout Force (§)   | kN                            | 156                     | 154    | 167                                       | 150    |
|  | lbf                           | 35,090                  | 34,809 | 37,719                                    | 33,911 |
| Operating Weight*  | kg                            | 20 253                  | 20 361 | 20 204                                    | 20 633 |
|  | lb                            | 44,649                  | 44,887 | 44,541                                    | 45,486 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight |                       |                       |                       |                               |
|--|-----------------|-------------------------|-----------------------|-----------------------|-----------------------|-------------------------------|
| Bucket Type  |                 | High Dump – Pin-On      |                       |                       |                       | High Dump – Pin-On – Abrasion |
| Edge Type  |                 | Bolt-On Cutting Edges   | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges         |
| Capacity – Rated   | m <sup>3</sup>  | 5.10                    | 6.10                  | 7.60                  | 9.20                  | 8.20                          |
|  | yd <sup>3</sup> | 6.75                    | 8.00                  | 10.00                 | 12.00                 | 10.75                         |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 5.60                    | 6.70                  | 8.40                  | 10.10                 | 9.00                          |
|  | yd <sup>3</sup> | 7.25                    | 8.75                  | 11.00                 | 13.25                 | 11.75                         |
| Width  | mm              | 3029                    | 2910                  | 3350                  | 3350                  | 3205                          |
|  | ft/in           | 9'11"                   | 9'6"                  | 10'11"                | 10'11"                | 10'6"                         |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2451                    | 2325                  | 2208                  | 2066                  | 2251                          |
|  | ft/in           | 8'0"                    | 7'7"                  | 7'2"                  | 6'9"                  | 7'4"                          |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1721                    | 1742                  | 1954                  | 2095                  | 1911                          |
|  | ft/in           | 5'7"                    | 5'8"                  | 6'4"                  | 6'10"                 | 6'3"                          |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3207                    | 3311                  | 3543                  | 3743                  | 3482                          |
|  | ft/in           | 10'6"                   | 10'10"                | 11'7"                 | 12'3"                 | 11'5"                         |
| A† Digging Depth   | mm              | 94                      | 168                   | 72                    | 72                    | 101                           |
|  | in              | 3.7"                    | 6.6"                  | 2.8"                  | 2.8"                  | 4"                            |
| 12† Overall Length   | mm              | 8850                    | 9007                  | 9192                  | 9392                  | 9131                          |
|  | ft/in           | 29'1"                   | 29'7"                 | 30'2"                 | 30'10"                | 30'0"                         |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6066                    | 6074                  | 6089                  | 6290                  | 6477                          |
|  | ft/in           | 19'11"                  | 20'0"                 | 20'0"                 | 20'8"                 | 21'3"                         |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6938                    | 6947                  | 7193                  | 7262                  | 7109                          |
|  | ft/in           | 22'10"                  | 22'10"                | 23'8"                 | 23'10"                | 23'4"                         |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 003                  | 11 050                | 10 824                | 10 497                | 10 640                        |
|  | lb              | 26,463                  | 24,362                | 23,863                | 23,143                | 23,458                        |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 12 797                  | 11 829                | 11 636                | 11 313                | 11 441                        |
|  | lb              | 28,213                  | 26,080                | 25,652                | 24,941                | 25,225                        |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 186                  | 9269                  | 9026                  | 8718                  | 8845                          |
|  | lb              | 22,457                  | 20,435                | 19,901                | 19,221                | 19,502                        |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10 992                  | 10 059                | 9850                  | 9545                  | 9658                          |
|  | lb              | 24,233                  | 22,177                | 21,715                | 21,044                | 21,294                        |
| Breakout Force (§)   | kN              | 123                     | 114                   | 104                   | 93                    | 100                           |
|  | lbf             | 27,694                  | 25,628                | 23,412                | 20,922                | 22,553                        |
| Operating Weight*  | kg              | 20 518                  | 21 280                | 21 646                | 21 818                | 21 672                        |
|  | lb              | 45,233                  | 46,913                | 47,720                | 48,099                | 47,778                        |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight      |                       |                       |
|--|-----------------|------------------------------|-----------------------|-----------------------|
| Bucket Type  |                 | High Dump – Hook-On – Fusion |                       |                       |
| Edge Type  |                 | Bolt-On Cutting Edges        | Bolt-On Cutting Edges | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 6.10                         | 7.60                  | 9.20                  |
|  | yd <sup>3</sup> | 8.00                         | 10.00                 | 12.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 6.70                         | 8.40                  | 10.10                 |
|  | yd <sup>3</sup> | 8.75                         | 11.00                 | 13.25                 |
| Width  | mm              | 3037                         | 3350                  | 3350                  |
|  | ft/in           | 9'11"                        | 10'11"                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2279                         | 2208                  | 2066                  |
|  | ft/in           | 7'5"                         | 7'2"                  | 6'9"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1882                         | 1954                  | 2095                  |
|  | ft/in           | 6'2"                         | 6'4"                  | 6'10"                 |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3442                         | 3543                  | 3743                  |
|  | ft/in           | 11'3"                        | 11'7"                 | 12'3"                 |
| A† Digging Depth   | mm              | 102                          | 72                    | 72                    |
|  | in              | 4"                           | 2.8"                  | 2.8"                  |
| 12† Overall Length   | mm              | 9091                         | 9192                  | 9392                  |
|  | ft/in           | 29'10"                       | 30'2"                 | 30'10"                |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6023                         | 6089                  | 6290                  |
|  | ft/in           | 19'10"                       | 20'0"                 | 20'8"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7022                         | 7193                  | 7262                  |
|  | ft/in           | 23'1"                        | 23'8"                 | 23'10"                |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 10 698                       | 10 824                | 10 497                |
|  | lb              | 23,585                       | 23,863                | 23,143                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 451                       | 11 636                | 11 313                |
|  | lb              | 25,245                       | 25,652                | 24,941                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 8961                         | 9026                  | 8718                  |
|  | lb              | 19,757                       | 19,901                | 19,221                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 9728                         | 9850                  | 9545                  |
|  | lb              | 21,447                       | 21,715                | 21,044                |
| Breakout Force (§)   | kN              | 105                          | 104                   | 93                    |
|  | lbf             | 23,767                       | 23,412                | 20,922                |
| Operating Weight*  | kg              | 21 427                       | 21 646                | 21 818                |
|  | lb              | 47,237                       | 47,720                | 48,099                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Auxiliary Counterweight |                       |                             |                       |
|--|-----------------|-------------------------|-----------------------|-----------------------------|-----------------------|
|  |                 | Woodchip – Pin-On       |                       | Woodchip – Hook-On – Fusion |                       |
| Bucket Type  |                 | Woodchip – Pin-On       |                       | Woodchip – Hook-On – Fusion |                       |
| Edge Type  |                 | Bolt-On Cutting Edges   | Bolt-On Cutting Edges | Bolt-On Cutting Edges       | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 9.20                    | 9.90                  | 9.20                        | 9.90                  |
|  | yd <sup>3</sup> | 12.00                   | 13.00                 | 12.00                       | 13.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 10.10                   | 10.90                 | 10.10                       | 10.90                 |
|  | yd <sup>3</sup> | 13.25                   | 14.25                 | 13.25                       | 14.25                 |
| Width  | mm              | 3330                    | 3330                  | 3330                        | 3330                  |
|  | ft/in           | 10'11"                  | 10'11"                | 10'11"                      | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2237                    | 2162                  | 2143                        | 2139                  |
|  | ft/in           | 7'4"                    | 7'1"                  | 7'0"                        | 7'0"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1932                    | 2007                  | 2025                        | 2029                  |
|  | ft/in           | 6'4"                    | 6'7"                  | 6'7"                        | 6'7"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3507                    | 3613                  | 3639                        | 3645                  |
|  | ft/in           | 11'6"                   | 11'10"                | 11'11"                      | 11'11"                |
| A† Digging Depth   | mm              | 97                      | 97                    | 97                          | 97                    |
|  | in              | 3.8"                    | 3.8"                  | 3.8"                        | 3.8"                  |
| 12† Overall Length   | mm              | 9152                    | 9258                  | 9284                        | 9290                  |
|  | ft/in           | 30'1"                   | 30'5"                 | 30'6"                       | 30'6"                 |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6240                    | 6332                  | 6298                        | 6349                  |
|  | ft/in           | 20'6"                   | 20'10"                | 20'8"                       | 20'10"                |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7170                    | 7206                  | 7215                        | 7217                  |
|  | ft/in           | 23'7"                   | 23'8"                 | 23'9"                       | 23'9"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 12 243                  | 12 170                | 10 929                      | 10 981                |
|  | lb              | 26,993                  | 26,831                | 24,096                      | 24,211                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 102                  | 13 039                | 11 682                      | 11 744                |
|  | lb              | 28,887                  | 28,748                | 25,756                      | 25,892                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 10 406                  | 10 326                | 9217                        | 9263                  |
|  | lb              | 22,942                  | 22,764                | 20,321                      | 20,423                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 275                  | 11 205                | 9984                        | 10 039                |
|  | lb              | 24,858                  | 24,703                | 22,012                      | 22,134                |
| Breakout Force (§)   | kN              | 104                     | 98                    | 97                          | 96                    |
|  | lbf             | 23,478                  | 22,134                | 21,897                      | 21,762                |
| Operating Weight*  | kg              | 20 352                  | 20 444                | 20 987                      | 20 948                |
|  | lb              | 44,867                  | 45,070                | 46,267                      | 46,181                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Operating Specifications – Buckets (continued)

| Linkage   |                 | Auxiliary Counterweight    |                               |                       |                                 |
|---|-----------------|----------------------------|-------------------------------|-----------------------|---------------------------------|
| Bucket Type   |                 | Rock, Spade –<br>Pin-On*** | Rock, Straight –<br>Pin-On*** | Side Dump – Pin-On    | Side Dump – Hook-On<br>– Fusion |
| Edge Type   |                 | Teeth and Segments         | Teeth and Segments            | Bolt-On Cutting Edges | Bolt-On Cutting Edges           |
| Capacity – Rated  | m <sup>3</sup>  | 3.40                       | 3.30                          | 2.90                  | 2.90                            |
|   | yd <sup>3</sup> | 4.50                       | 4.25                          | 3.75                  | 3.75                            |
| Capacity – Rated at 110% Fill Factor                            | m <sup>3</sup>  | 3.70                       | 3.60                          | 3.20                  | 3.20                            |
|   | yd <sup>3</sup> | 4.75                       | 4.75                          | 4.25                  | 4.25                            |
| Width   | mm              | 2995                       | 2937                          | 3220                  | 3220                            |
|   | ft/in           | 9'9"                       | 9'7"                          | 10'6"                 | 10'6"                           |
| 16† Dump Clearance at Maximum Lift<br>and 45° Discharge         | mm              | 2643                       | 2809                          | 2727                  | 2727                            |
|   | ft/in           | 8'8"                       | 9'2"                          | 8'11"                 | 8'11"                           |
| 17† Reach at Maximum Lift and<br>45° Discharge                  | mm              | 1695                       | 1506                          | 1428                  | 1427                            |
|   | ft/in           | 5'6"                       | 4'11"                         | 4'8"                  | 4'8"                            |
| Reach at Level Lift Arm and<br>Bucket Level                     | mm              | 3070                       | 2819                          | 2804                  | 2803                            |
|   | ft/in           | 10'0"                      | 9'2"                          | 9'2"                  | 9'2"                            |
| A† Digging Depth  | mm              | 39                         | 36                            | 107                   | 107                             |
|   | in              | 1.5"                       | 1.4"                          | 4.2"                  | 4.2"                            |
| 12† Overall Length  | mm              | 8720                       | 8468                          | 8457                  | 8456                            |
|   | ft/in           | 28'8"                      | 27'10"                        | 27'9"                 | 27'9"                           |
| B† Overall Height with Bucket at<br>Maximum Lift                | mm              | 5641                       | 5641                          | 5516                  | 5508                            |
|   | ft/in           | 18'7"                      | 18'7"                         | 18'2"                 | 18'1"                           |
| Loader Clearance Circle Radius<br>with Bucket at Carry Position | mm              | 6898                       | 6792                          | 6884                  | 6898                            |
|   | ft/in           | 22'8"                      | 22'4"                         | 22'8"                 | 22'8"                           |
| Static Tipping Load, Straight<br>(With tire deflection)         | kg              | 13 821                     | 14 028                        | 12 514                | 12 230                          |
|   | lb              | 30,471                     | 30,926                        | 27,589                | 26,963                          |
| Static Tipping Load, Straight<br>(No tire deflection)           | kg              | 14 679                     | 14 888                        | 13 304                | 13 018                          |
|   | lb              | 32,363                     | 32,823                        | 29,332                | 28,701                          |
| Static Tipping Load,<br>Articulated (With tire deflection)      | kg              | 11 829                     | 12 036                        | 10 662                | 10 379                          |
|   | lb              | 26,079                     | 26,536                        | 23,507                | 22,882                          |
| Static Tipping Load, Articulated<br>(No tire deflection)        | kg              | 12 698                     | 12 907                        | 11 465                | 11 180                          |
|   | lb              | 27,995                     | 28,455                        | 25,277                | 24,647                          |
| Breakout Force (§)  | kN              | 155                        | 179                           | 160                   | 162                             |
|   | lbf             | 35,003                     | 40,312                        | 36,024                | 36,584                          |
| Operating Weight*   | kg              | 20 753                     | 20 598                        | 20 353                | 20 809                          |
|   | lb              | 45,752                     | 45,411                        | 44,870                | 45,875                          |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, auxiliary counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

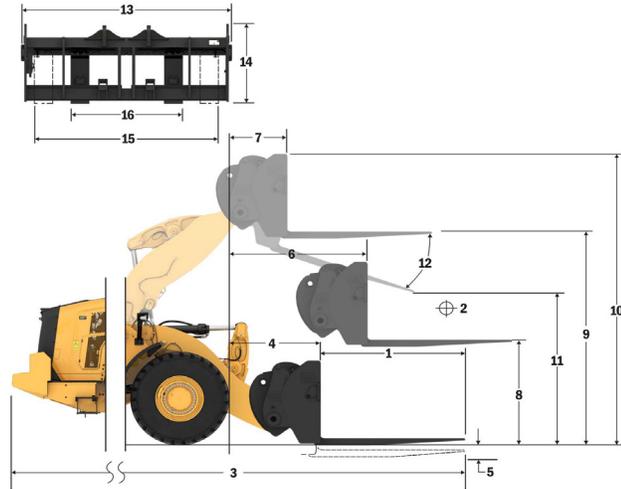
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9625  |
|    |   | lbs | 21213 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8341  |
|    |   | lbs | 18383 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4170  |
|    |   | lbs | 9191  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5004  |
|    |   | lbs | 11030 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6673  |
|    |   | lbs | 14706 |
| 3  | Maximum Overall Length  | mm  | 8980  |
|    |   | in  | 353.5 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1258  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -160  |
|    |   | in  | -6.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1752  |
|    |   | in  | 69.0  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1037  |
|    |   | in  | 40.8  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3707  |
|    |   | in  | 145.9 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4482  |
|    |   | in  | 176.4 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2327  |
|    |   | in  | 91.6  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 47    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 6300  |
|    |   | lbs | 13885 |
|    | Operating Weight  | kg  | 18950 |
|    |   | lbs | 41766 |

\*Negative values indicate below grade

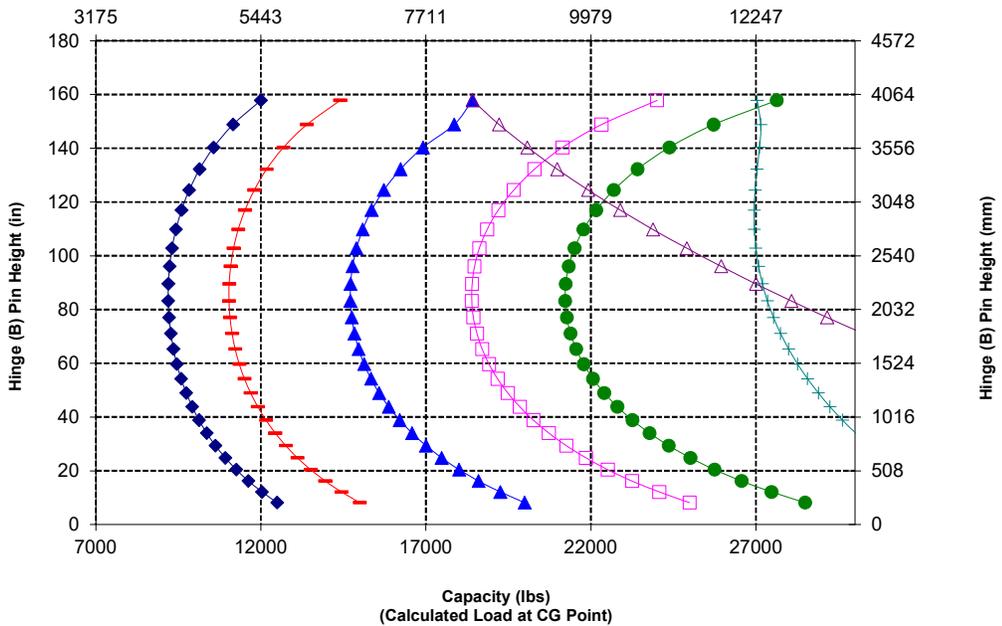
### 950 STD Pallet Fork, FUSION

87" Carriage 60" Tine  
530-1861 548-3265

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

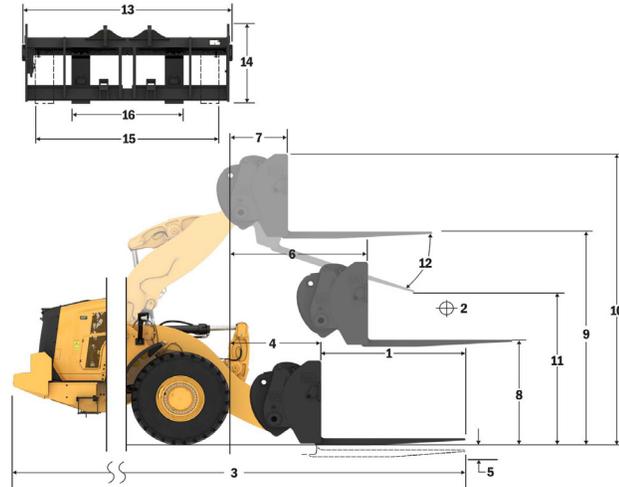
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1830  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9158  |
|    |   | lbs | 20184 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7930  |
|    |   | lbs | 17477 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3965  |
|    |   | lbs | 8739  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4758  |
|    |   | lbs | 10486 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6344  |
|    |   | lbs | 13982 |
| 3  | Maximum Overall Length  | mm  | 9286  |
|    |   | in  | 365.6 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1258  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -160  |
|    |   | in  | -6.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1752  |
|    |   | in  | 69.0  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1037  |
|    |   | in  | 40.8  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3707  |
|    |   | in  | 145.9 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4482  |
|    |   | in  | 176.4 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2105  |
|    |   | in  | 82.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 47    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 5246  |
|    |   | lbs | 11562 |
|    | Operating Weight  | kg  | 18997 |
|    |   | lbs | 41870 |

\*Negative values indicate below grade

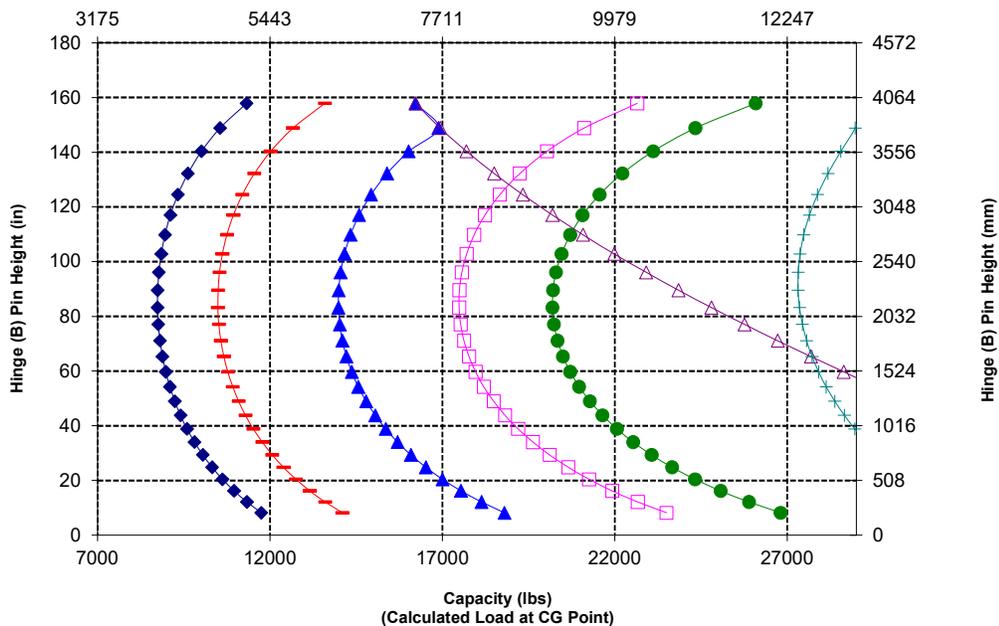
### 950 STD Pallet Fork, FUSION

87" Carriage 72" Tine  
530-1861 530-1869

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

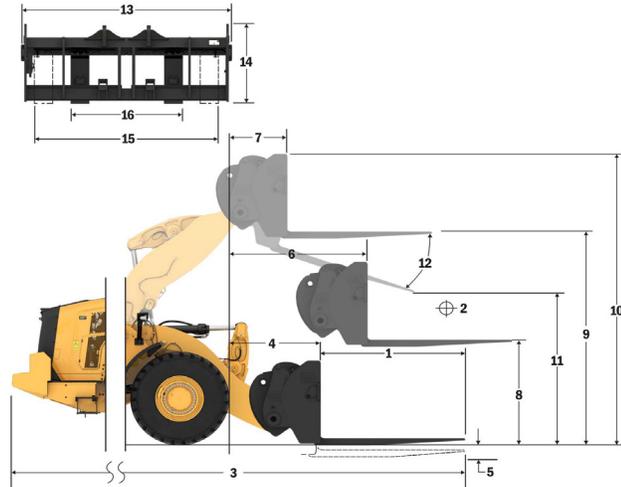
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9871  |
|    |   | lbs | 21756 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8523  |
|    |   | lbs | 18784 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4261  |
|    |   | lbs | 9392  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5114  |
|    |   | lbs | 11270 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6818  |
|    |   | lbs | 15027 |
| 3  | Maximum Overall Length  | mm  | 8630  |
|    |   | in  | 339.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1212  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2516  |
|    |   | in  | 99.0  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 22200 |
|    |   | lbs | 48929 |
|    | Operating Weight  | kg  | 19259 |
|    |   | lbs | 42448 |

\*Negative values indicate below grade

### 950 STD Construction Fork, FUSION

96" Carriage 48" Tine  
520-7957 520-7985

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



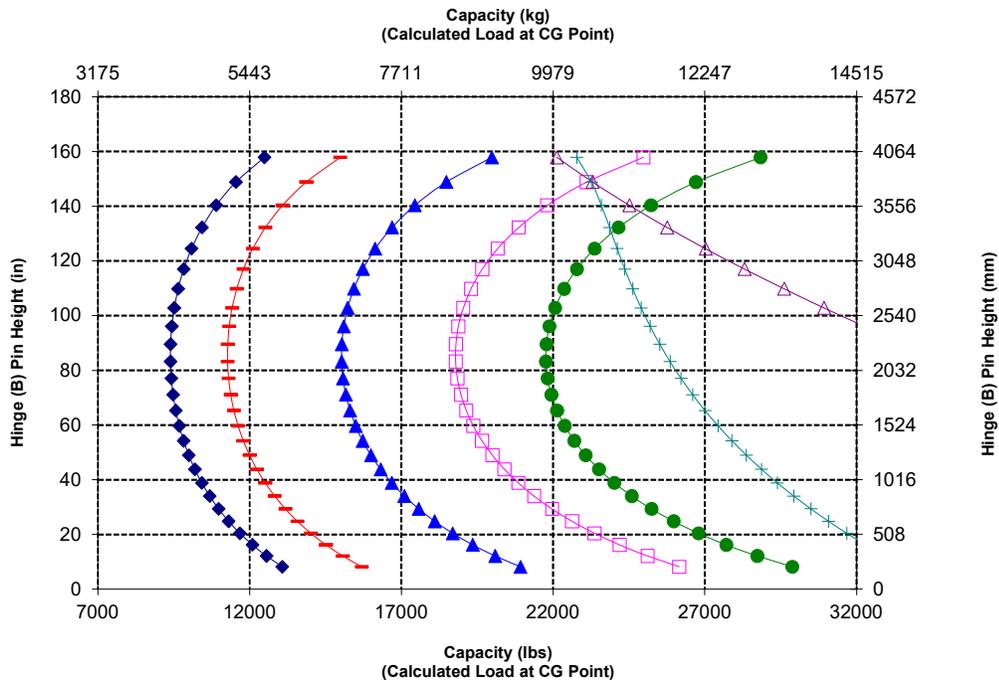
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Lift Capacity
- ◆ Hydraulic Tilt Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

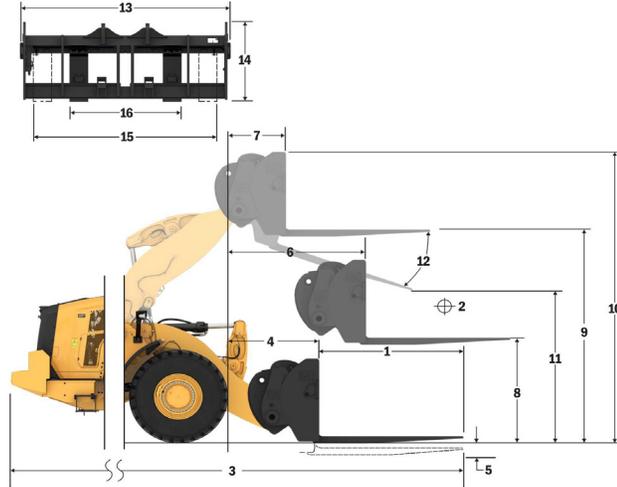
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9356  |
|    |   | lbs | 20620 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8068  |
|    |   | lbs | 17782 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4034  |
|    |   | lbs | 8891  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4841  |
|    |   | lbs | 10669 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6454  |
|    |   | lbs | 14226 |
| 3  | Maximum Overall Length  | mm  | 8935  |
|    |   | in  | 351.8 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2272  |
|    |   | in  | 89.5  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 19325 |
|    |   | lbs | 42593 |

\*Negative values indicate below grade

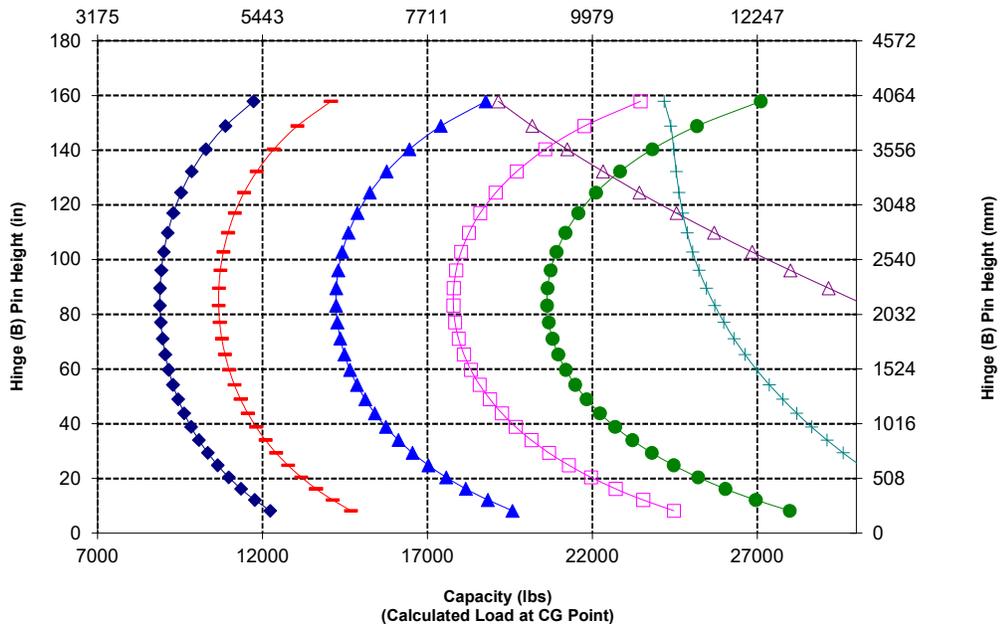
### 950 STD Construction Fork, FUSION

96" Carriage 60" Tine  
520-7957 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

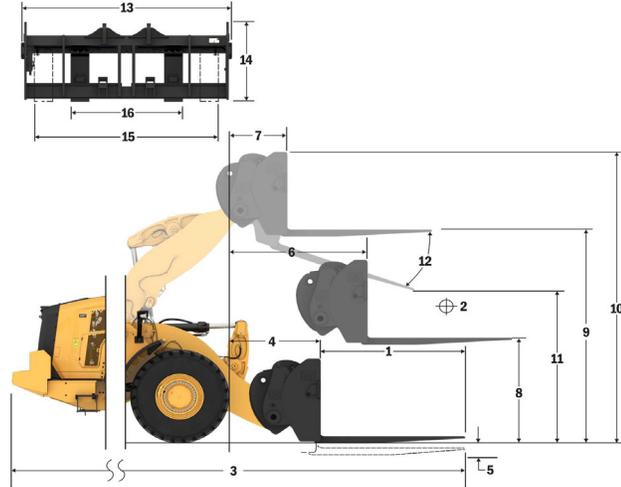
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8883  |
|    |   | lbs | 19579 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7652  |
|    |   | lbs | 16864 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3826  |
|    |   | lbs | 8432  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4591  |
|    |   | lbs | 10118 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6121  |
|    |   | lbs | 13491 |
| 3  | Maximum Overall Length  | mm  | 9240  |
|    |   | in  | 363.8 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2029  |
|    |   | in  | 79.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 14800 |
|    |   | lbs | 32619 |
|    | Operating Weight  | kg  | 19386 |
|    |   | lbs | 42727 |

\*Negative values indicate below grade

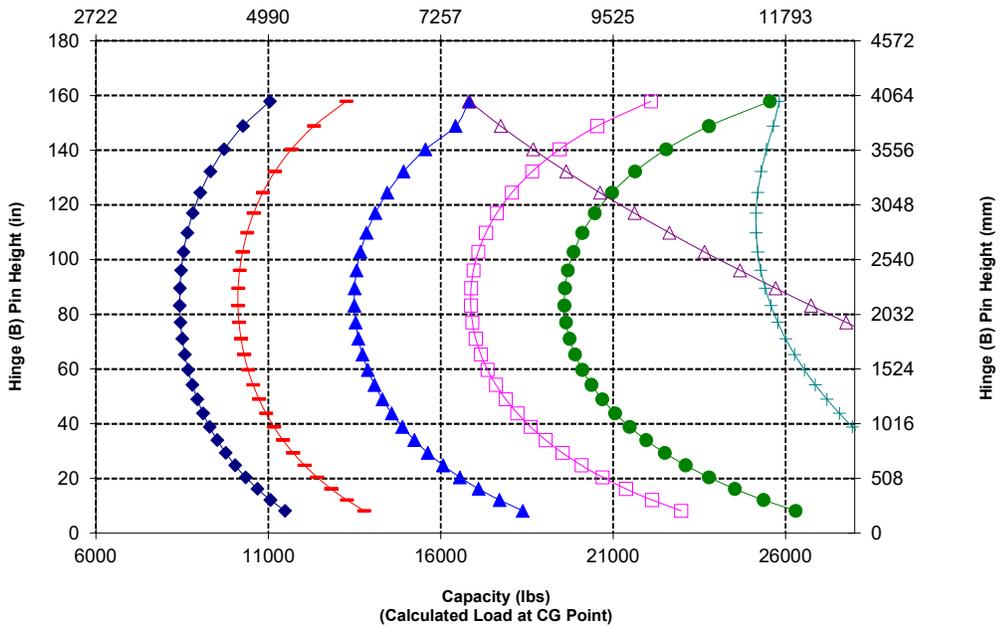
### 950 STD Construction Fork, FUSION

96" Carriage 72" Tine  
520-7957 520-7979

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

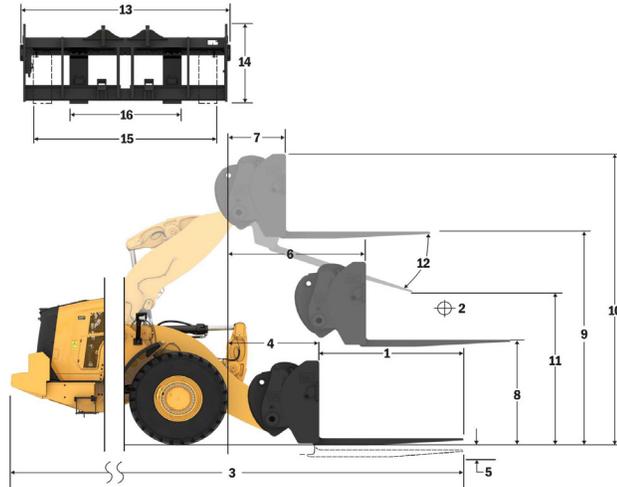
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8443  |
|    |   | lbs | 18609 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7263  |
|    |   | lbs | 16008 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3631  |
|    |   | lbs | 8004  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4358  |
|    |   | lbs | 9605  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5810  |
|    |   | lbs | 12806 |
| 3  | Maximum Overall Length  | mm  | 9545  |
|    |   | in  | 375.8 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1786  |
|    |   | in  | 70.3  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 19449 |
|    |   | lbs | 42866 |

\*Negative values indicate below grade

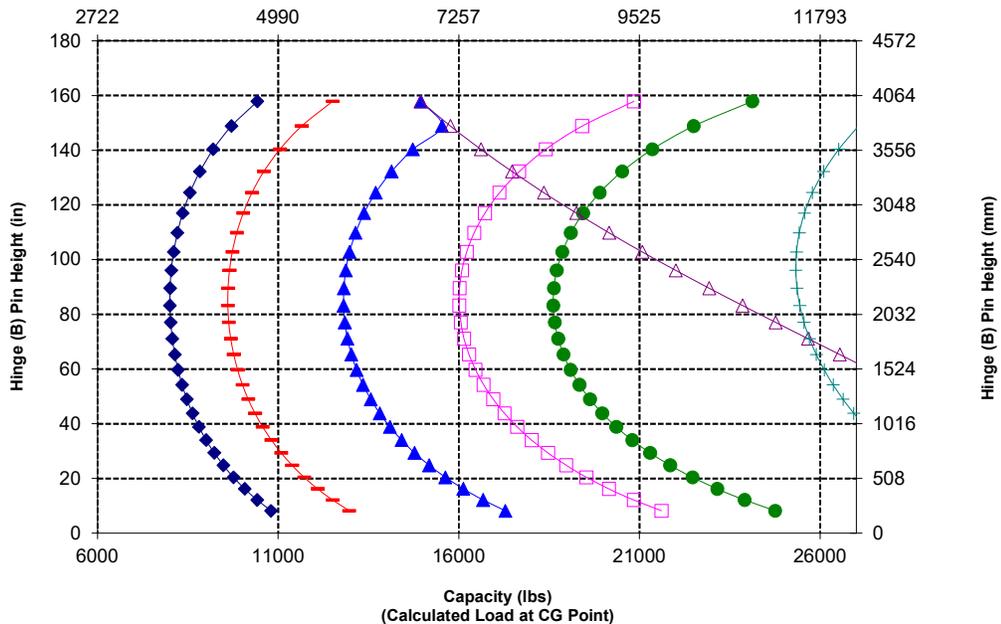
### 950 STD Construction Fork, FUSION

96" Carriage 84" Tine  
520-7957 520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

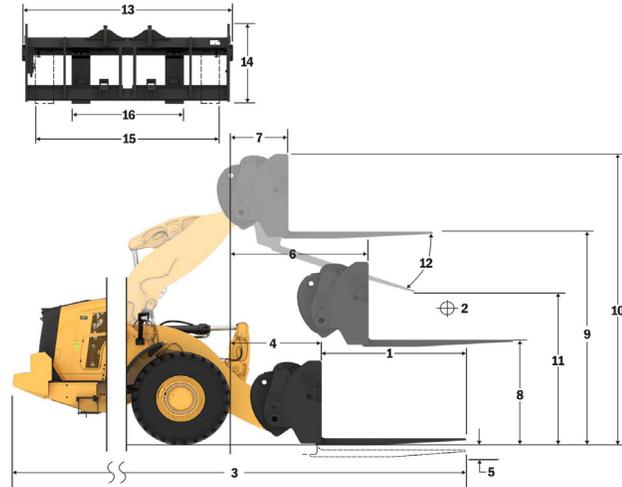
### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8036  |
|    |   | lbs | 17712 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 6903  |
|    |   | lbs | 15214 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3452  |
|    |   | lbs | 7607  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4142  |
|    |   | lbs | 9129  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5522  |
|    |   | lbs | 12171 |
| 3  | Maximum Overall Length  | mm  | 9849  |
|    |   | in  | 387.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1544  |
|    |   | in  | 60.8  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 19511 |
|    |   | lbs | 43003 |

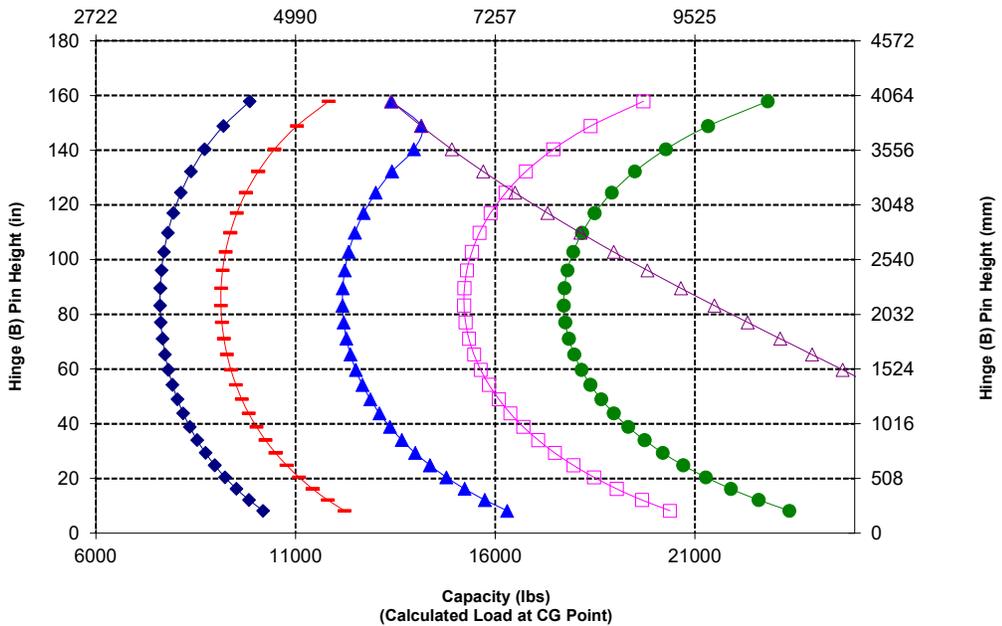
\*Negative values indicate below grade

### 950 STD Construction Fork, FUSION 96" Carriage 520-7957 96" Tine 520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

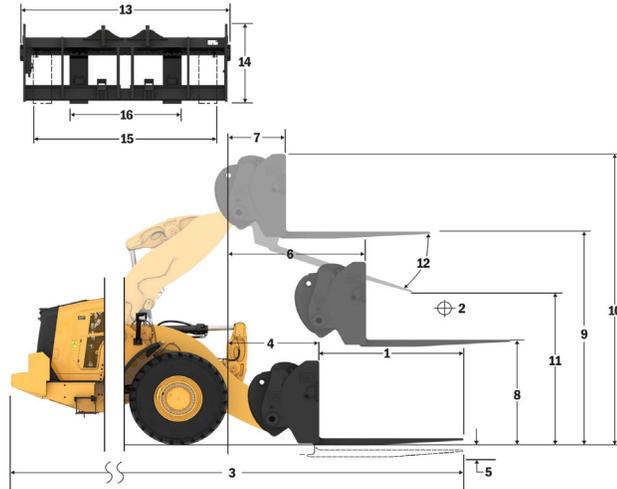
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9831  |
|    |   | lbs | 21667 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8482  |
|    |   | lbs | 18695 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4241  |
|    |   | lbs | 9347  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5089  |
|    |   | lbs | 11217 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6786  |
|    |   | lbs | 14956 |
| 3  | Maximum Overall Length  | mm  | 8630  |
|    |   | in  | 339.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1212  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2516  |
|    |   | in  | 99.0  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2493  |
|    |   | in  | 98.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 22200 |
|    |   | lbs | 48929 |
|    | Operating Weight  | kg  | 19312 |
|    |   | lbs | 42564 |

\*Negative values indicate below grade

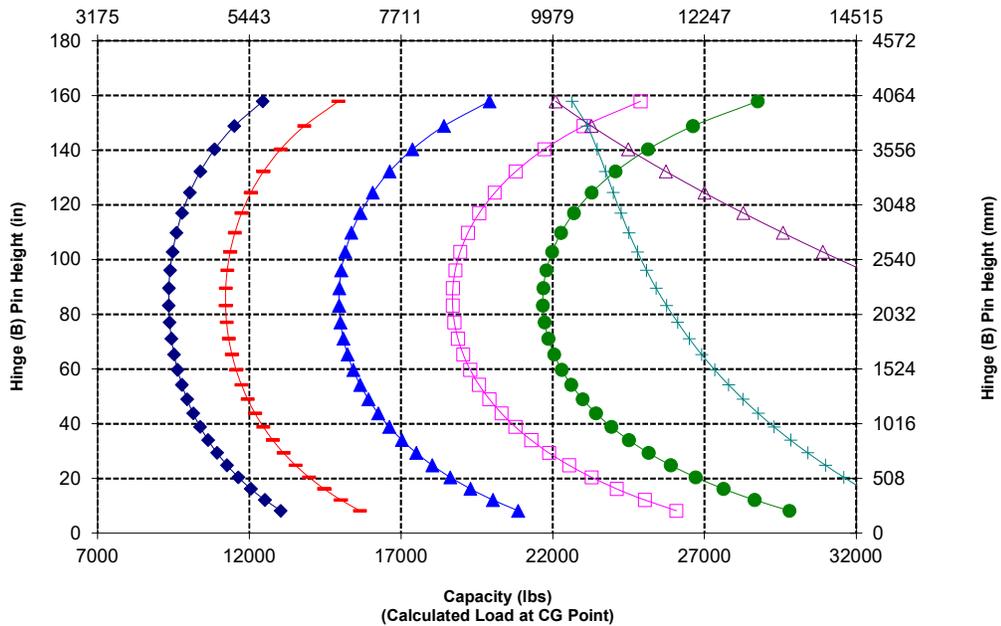
### 950 STD Construction Fork, FUSION

108" Carriage 48" Tine  
520-7968 520-7985

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

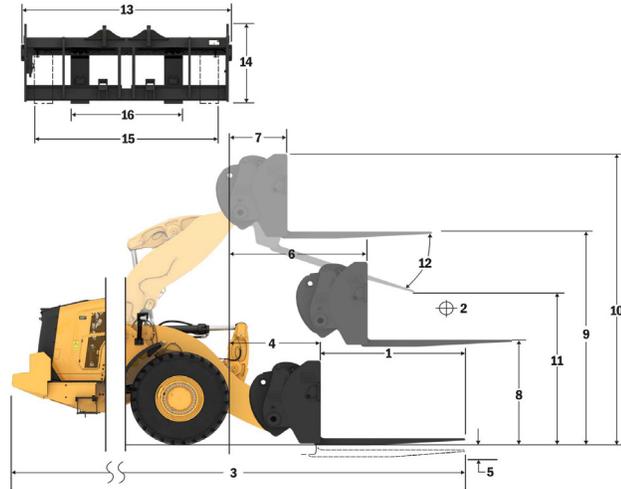
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9321  |
|    |   | lbs | 20543 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8033  |
|    |   | lbs | 17705 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4017  |
|    |   | lbs | 8852  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4820  |
|    |   | lbs | 10623 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6426  |
|    |   | lbs | 14164 |
| 3  | Maximum Overall Length  | mm  | 8935  |
|    |   | in  | 351.8 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2272  |
|    |   | in  | 89.5  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 19374 |
|    |   | lbs | 42701 |

\*Negative values indicate below grade

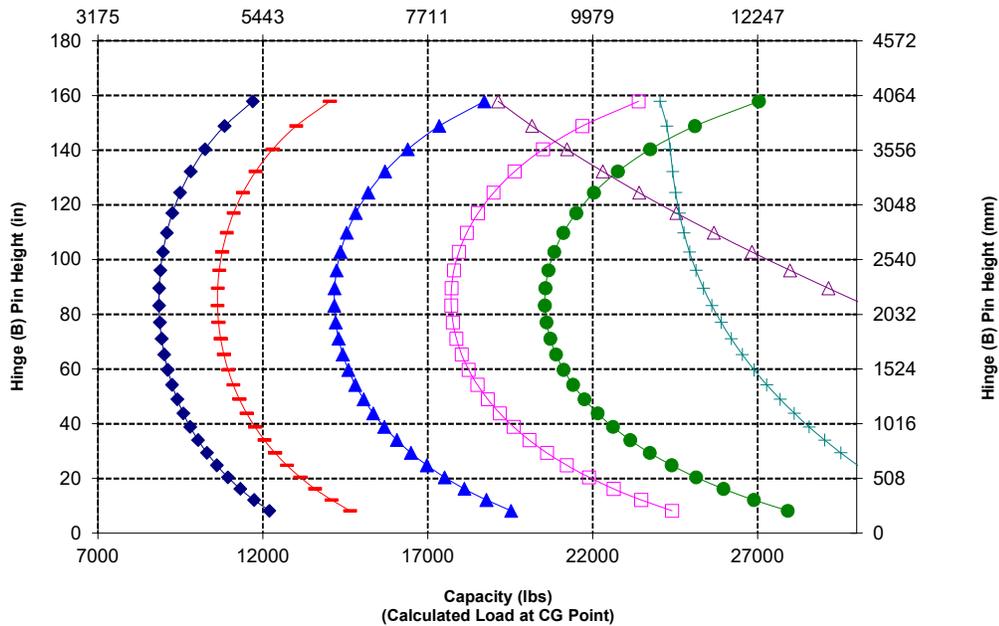
### 950 STD Construction Fork, FUSION

108" Carriage 60" Tine  
520-7968 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

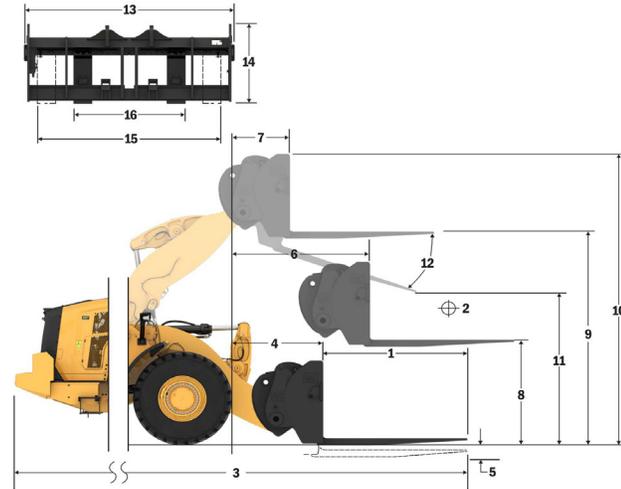
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8849  |
|    |   | lbs | 19502 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7617  |
|    |   | lbs | 16788 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3808  |
|    |   | lbs | 8394  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4570  |
|    |   | lbs | 10073 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6094  |
|    |   | lbs | 13430 |
| 3  | Maximum Overall Length  | mm  | 9240  |
|    |   | in  | 363.8 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2029  |
|    |   | in  | 79.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 14800 |
|    |   | lbs | 32619 |
|    | Operating Weight  | kg  | 19436 |
|    |   | lbs | 42838 |

\*Negative values indicate below grade

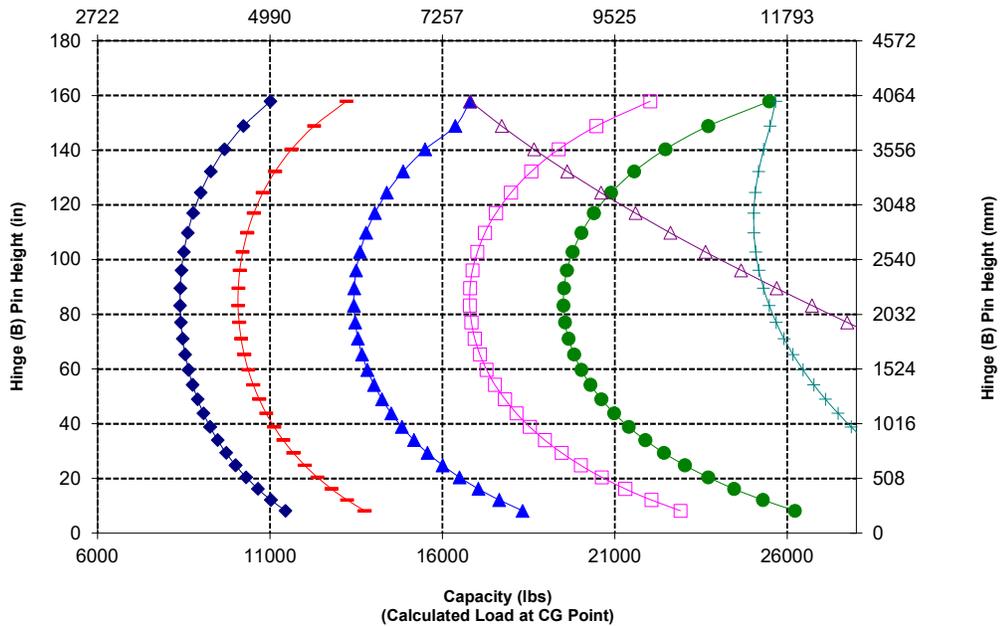
### 950 STD Construction Fork, FUSION

108" Carriage 72" Tine  
520-7968 520-7979

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

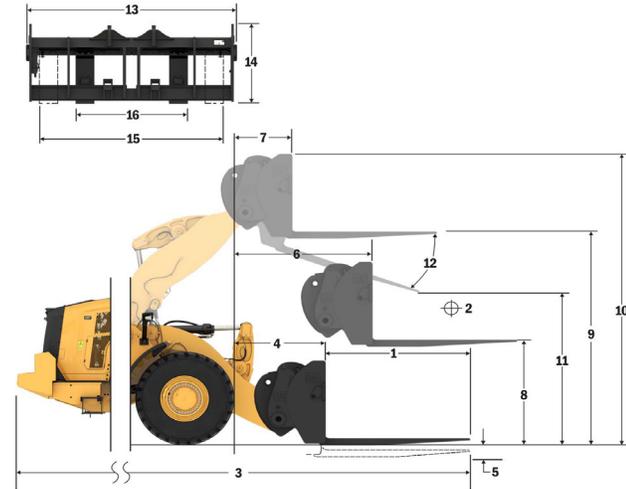
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8411  |
|    |   | lbs | 18538 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7231  |
|    |   | lbs | 15937 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3615  |
|    |   | lbs | 7968  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4338  |
|    |   | lbs | 9562  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5785  |
|    |   | lbs | 12749 |
| 3  | Maximum Overall Length  | mm  | 9545  |
|    |   | in  | 375.8 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1786  |
|    |   | in  | 70.3  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 19498 |
|    |   | lbs | 42974 |

\*Negative values indicate below grade

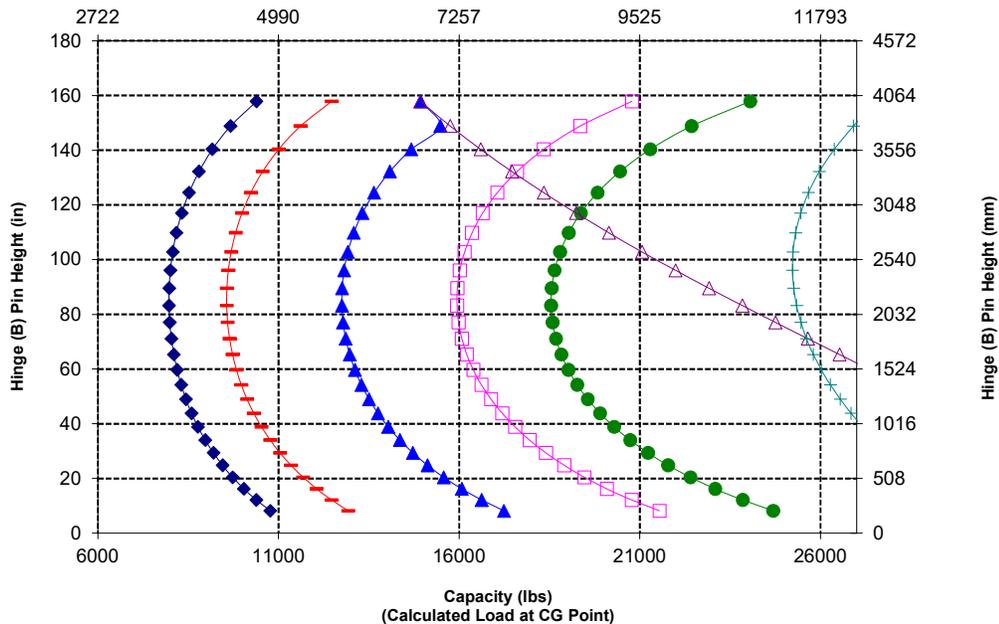
### 950 STD Construction Fork, FUSION

108" Carriage 84" Tine  
520-7968 520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

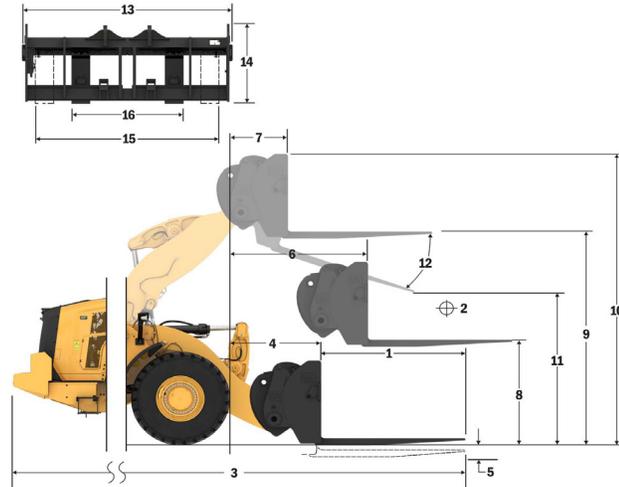
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8004  |
|    |   | lbs | 17642 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 6871  |
|    |   | lbs | 15144 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3436  |
|    |   | lbs | 7572  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4123  |
|    |   | lbs | 9087  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5497  |
|    |   | lbs | 12115 |
| 3  | Maximum Overall Length  | mm  | 9849  |
|    |   | in  | 387.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1544  |
|    |   | in  | 60.8  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 19561 |
|    |   | lbs | 43113 |

\*Negative values indicate below grade

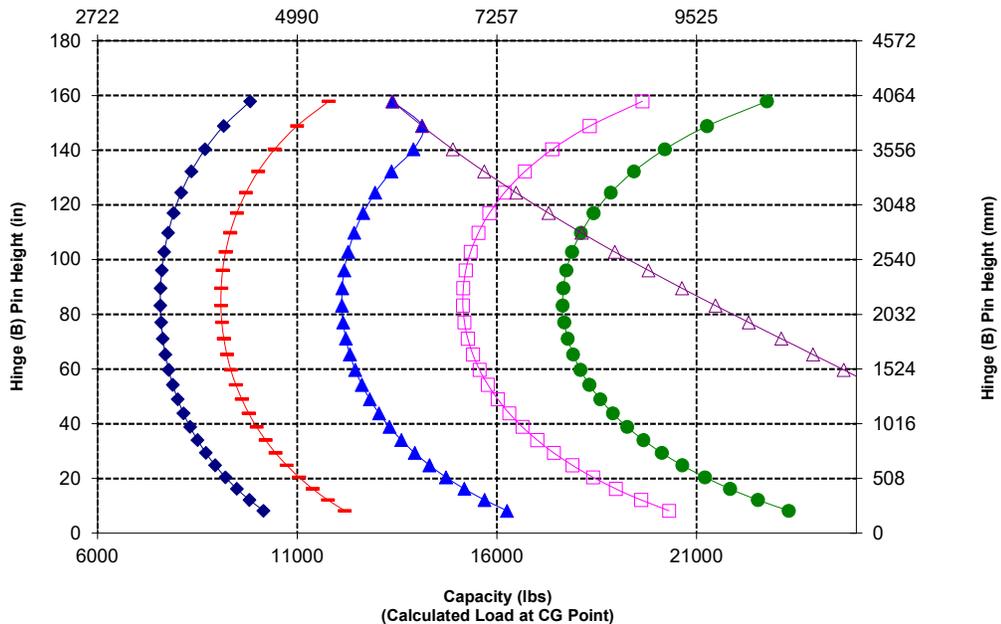
### 950 STD Construction Fork, FUSION

108" Carriage 96" Tine  
520-7968 520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Standard Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Material Handling Arm Specifications

**950 STD**

289-9885

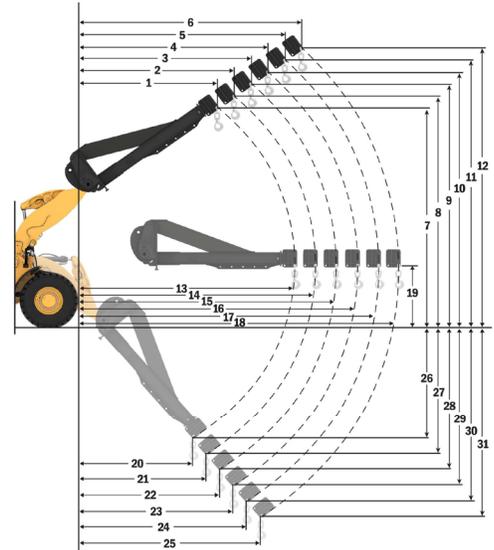
Material Handling Arm, FUSION

6 Position

**MHA Specifications**

|  | Retracted                   | Extension 1       | Extension 2         | Extension 3        | Extension 4        | Extended           |
|--|-----------------------------|-------------------|---------------------|--------------------|--------------------|--------------------|
| Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)        | mm 2,291<br>ft, in 7' 6"    | 2,429<br>7' 11"   | 2,566<br>8' 5"      | 2,704<br>8' 10"    | 2,842<br>9' 3"     | 2,979<br>9' 9"     |
| Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)    | mm 6,852<br>ft, in 22' 5"   | 7,124<br>23' 4"   | 7,396<br>24' 3"     | 7,668<br>25' 1"    | 7,939<br>26' 0"    | 8,211<br>26' 11"   |
| Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)     | mm 4,610<br>ft, in 15' 1"   | 4,915<br>16' 1"   | 5,220<br>17' 1"     | 5,525<br>18' 1"    | 5,829<br>19' 1"    | 6,134<br>20' 1"    |
| Level - Hook Eyelet Height (19)                        | mm 1,842<br>ft, in 6' 0.5"  | 1,842<br>6' 0.5"  | 1,842<br>6' 0.5"    | 1,842<br>6' 0.5"   | 1,842<br>6' 0.5"   | 1,842<br>6' 0.5"   |
| Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)  | mm 2,416<br>ft, in 7' 11"   | 2,596<br>8' 6"    | 2,777<br>9' 1"      | 2,957<br>9' 8"     | 3,137<br>10' 3"    | 3,318<br>10' 10"   |
| Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31) | mm (2,593)<br>ft, in -8' 5" | (2,839)<br>-9' 8" | (3,085)<br>-10' 10" | (3,330)<br>-10' 0" | (3,576)<br>-11' 3" | (3,822)<br>-12' 5" |
| Static Tipping Load, Straight                          | kg 5,970<br>lb 13,157       | 5,645<br>12,442   | 5,353<br>11,798     | 5,089<br>11,216    | 4,849<br>10,687    | 4,629<br>10,203    |
| Static Tipping Load, Articulated                       | kg 5,184<br>lb 11,425       | 4,901<br>10,801   | 4,646<br>10,240     | 4,416<br>9,733     | 4,207<br>9,272     | 4,016<br>8,851     |
| Operating Weight                                       | kg 18,708<br>lb 41,233      | 18,708<br>41,233  | 18,708<br>41,233    | 18,708<br>41,233   | 18,708<br>41,233   | 18,708<br>41,233   |

- \*Build 14A
- \*Parallel Z-Bar Linkage
- \*Standard Lift Configuration



- Retracted
- Extension 1
- Extension 2
- Extension 3
- Extension 4
- Extended

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

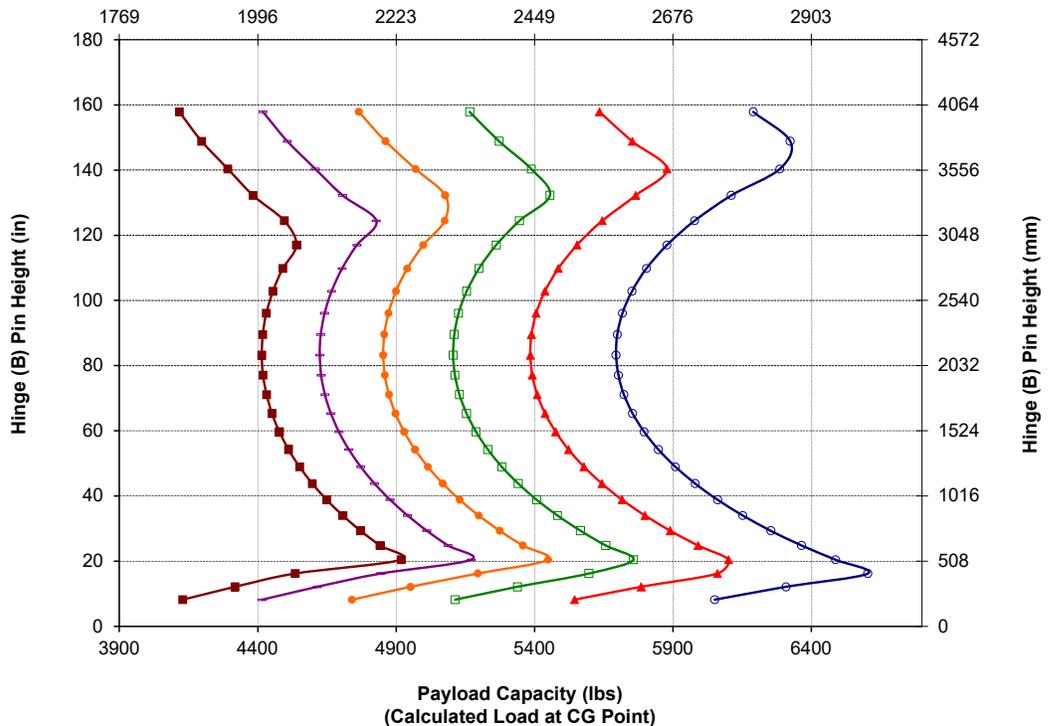
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by:

SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers

**Payload Capacity (kg)  
(Calculated Load at CG Point)**



# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8954  |
|    |   | lbs | 19734 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7704  |
|    |   | lbs | 16980 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3852  |
|    |   | lbs | 8490  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4623  |
|    |   | lbs | 10188 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6163  |
|    |   | lbs | 13584 |
| 3  | Maximum Overall Length  | mm  | 9448  |
|    |   | in  | 372.0 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1697  |
|    |   | in  | 66.8  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -164  |
|    |   | in  | -6.5  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2127  |
|    |   | in  | 83.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1072  |
|    |   | in  | 42.2  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4212  |
|    |   | in  | 165.8 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4987  |
|    |   | in  | 196.3 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2887  |
|    |   | in  | 113.6 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 44    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 6300  |
|    |   | lbs | 13885 |
|    | Operating Weight  | kg  | 19611 |
|    |   | lbs | 43222 |

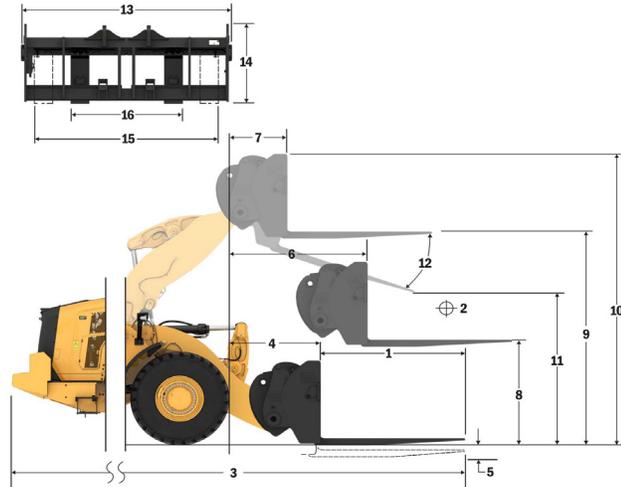
\*Negative values indicate below grade

### 950 HL Pallet Fork, FUSION

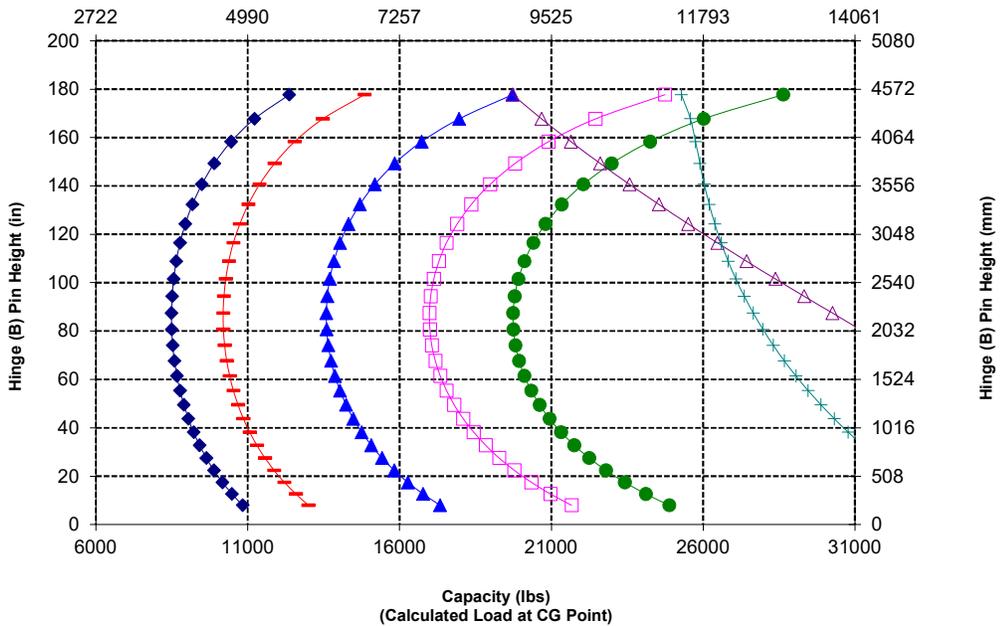
87" Carriage  
530-1861

60" Tine  
548-3265

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1830  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8553  |
|    |   | lbs | 18851 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7353  |
|    |   | lbs | 16206 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3677  |
|    |   | lbs | 8103  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4412  |
|    |   | lbs | 9724  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5883  |
|    |   | lbs | 12965 |
| 3  | Maximum Overall Length  | mm  | 9754  |
|    |   | in  | 384.0 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1697  |
|    |   | in  | 66.8  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -164  |
|    |   | in  | -6.5  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2127  |
|    |   | in  | 83.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1072  |
|    |   | in  | 42.2  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4212  |
|    |   | in  | 165.8 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4987  |
|    |   | in  | 196.3 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2675  |
|    |   | in  | 105.3 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 44    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 5246  |
|    |   | lbs | 11562 |
|    | Operating Weight  | kg  | 19658 |
|    |   | lbs | 43326 |

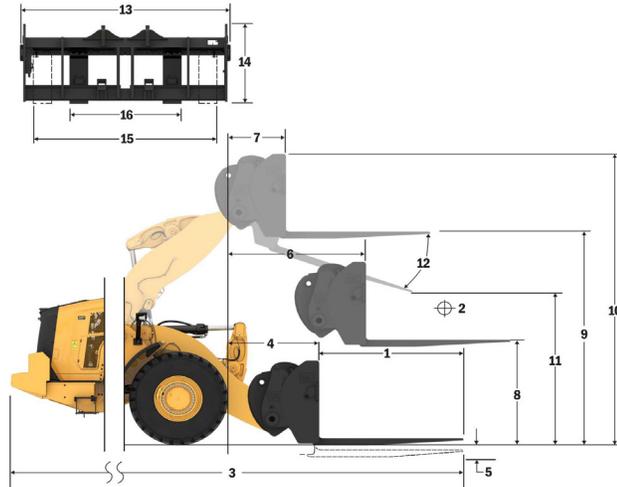
\*Negative values indicate below grade

### 950 HL Pallet Fork, FUSION

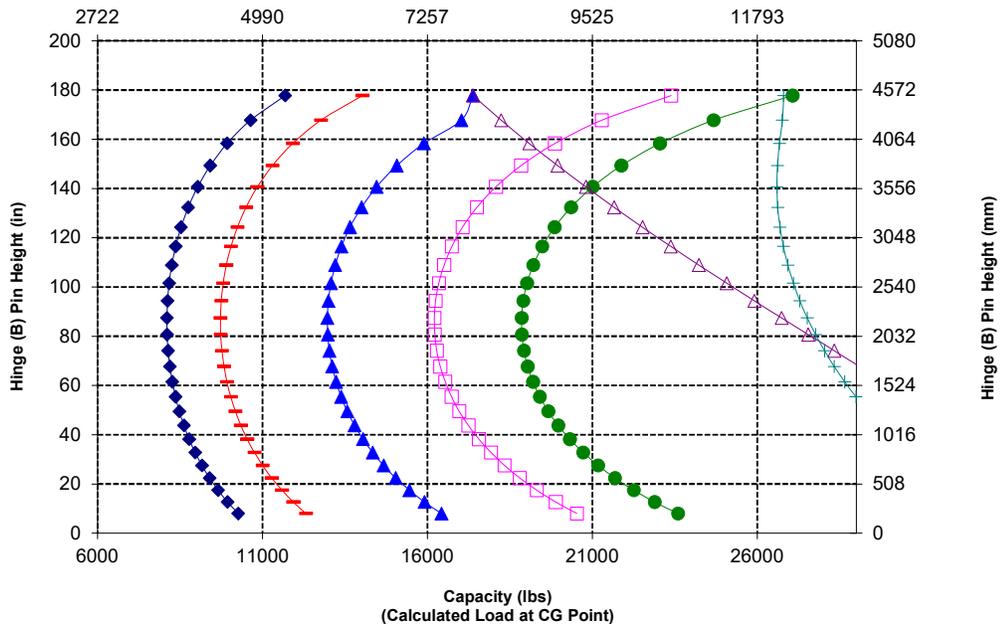
87" Carriage  
530-1861

72" Tine  
530-1869

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

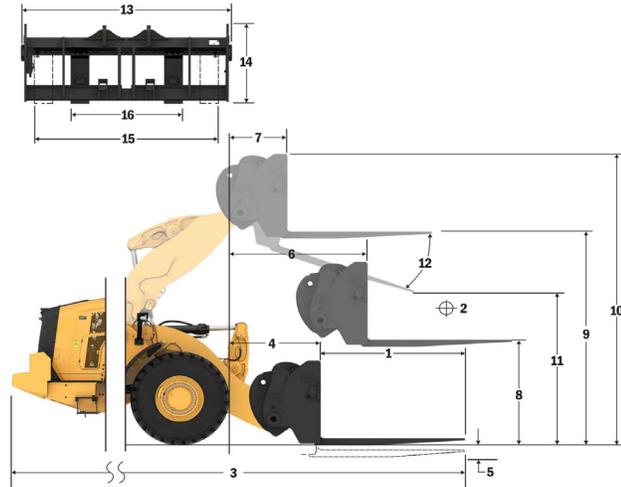
### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9112  |
|    |   | lbs | 20083 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7807  |
|    |   | lbs | 17206 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3903  |
|    |   | lbs | 8603  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4684  |
|    |   | lbs | 10323 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6245  |
|    |   | lbs | 13765 |
| 3  | Maximum Overall Length  | mm  | 9103  |
|    |   | in  | 358.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 3060  |
|    |   | in  | 120.5 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 22200 |
|    |   | lbs | 48929 |
|    | Operating Weight  | kg  | 19920 |
|    |   | lbs | 43903 |

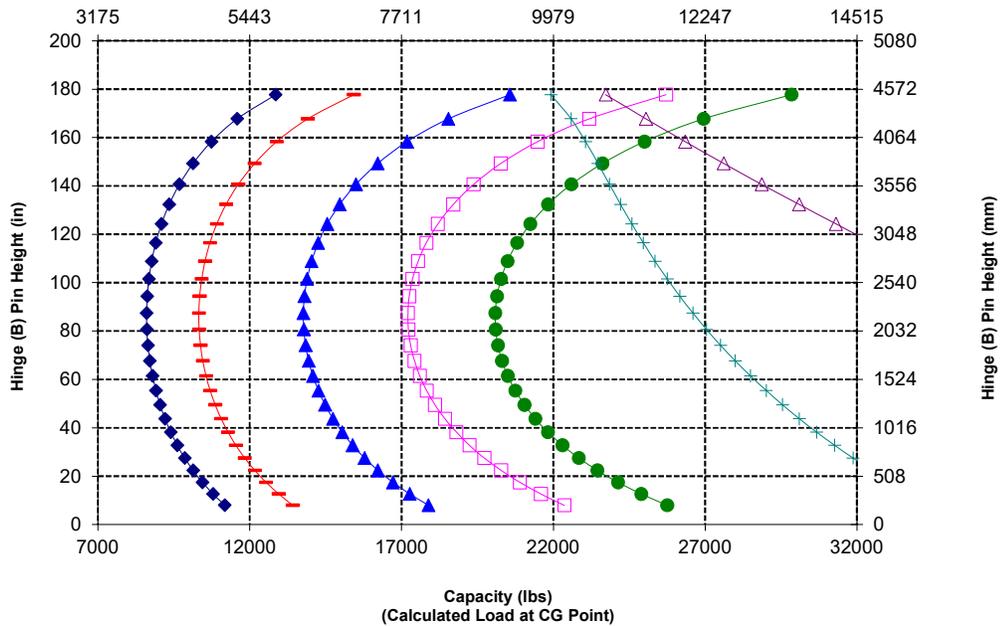
\*Negative values indicate below grade

### 950 HL Construction Fork, FUSION 96" Carriage 48" Tine 520-7957 520-7985

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

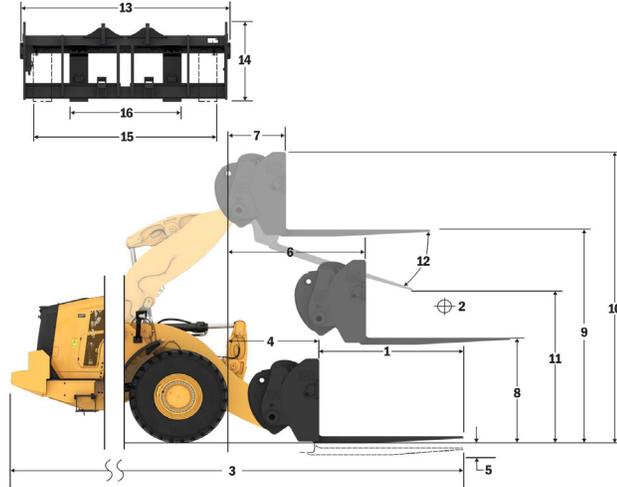
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8672  |
|    |   | lbs | 19114 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7420  |
|    |   | lbs | 16353 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3710  |
|    |   | lbs | 8177  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4452  |
|    |   | lbs | 9812  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5936  |
|    |   | lbs | 13083 |
| 3  | Maximum Overall Length  | mm  | 9408  |
|    |   | in  | 370.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2826  |
|    |   | in  | 111.3 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 19986 |
|    |   | lbs | 44049 |

\*Negative values indicate below grade

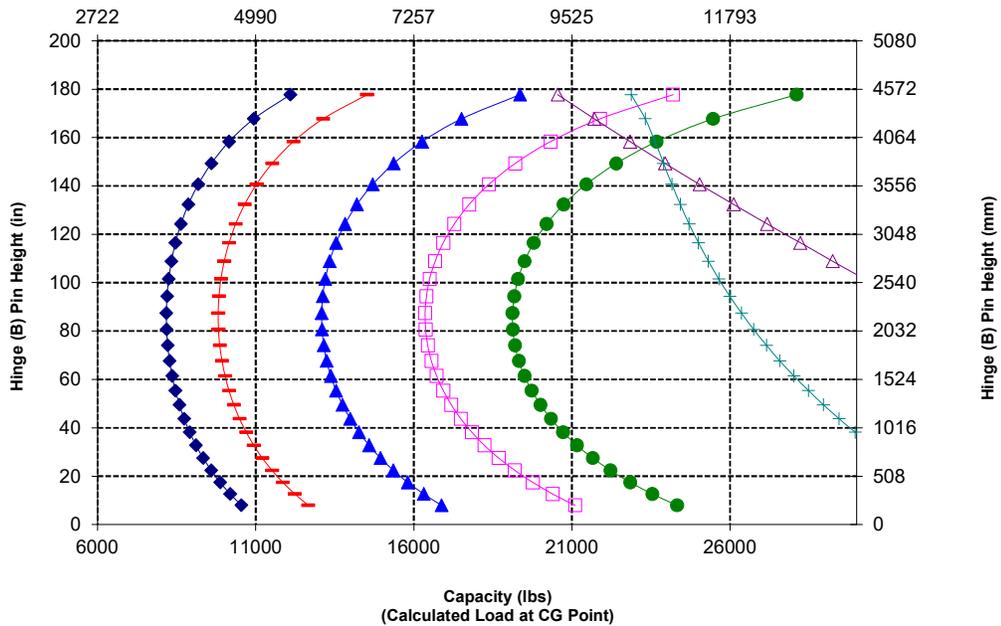
### 950 HL Construction Fork, FUSION

96" Carriage 60" Tine  
520-7957 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

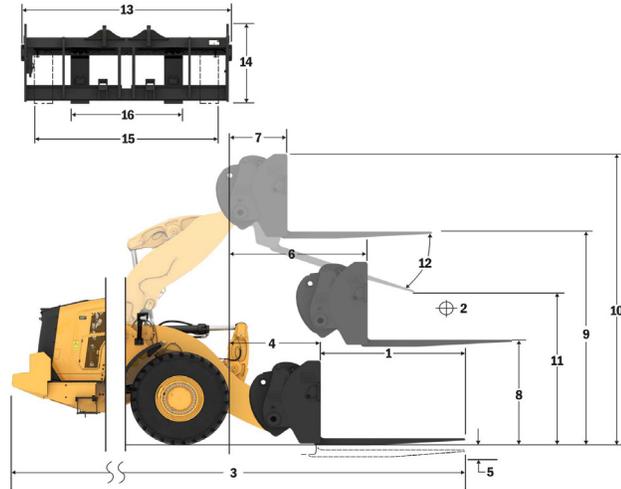
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8266  |
|    |   | lbs | 18218 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7063  |
|    |   | lbs | 15566 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3531  |
|    |   | lbs | 7783  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4238  |
|    |   | lbs | 9340  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5650  |
|    |   | lbs | 12453 |
| 3  | Maximum Overall Length  | mm  | 9713  |
|    |   | in  | 382.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2592  |
|    |   | in  | 102.1 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 14800 |
|    |   | lbs | 32619 |
|    | Operating Weight  | kg  | 20047 |
|    |   | lbs | 44183 |

\*Negative values indicate below grade

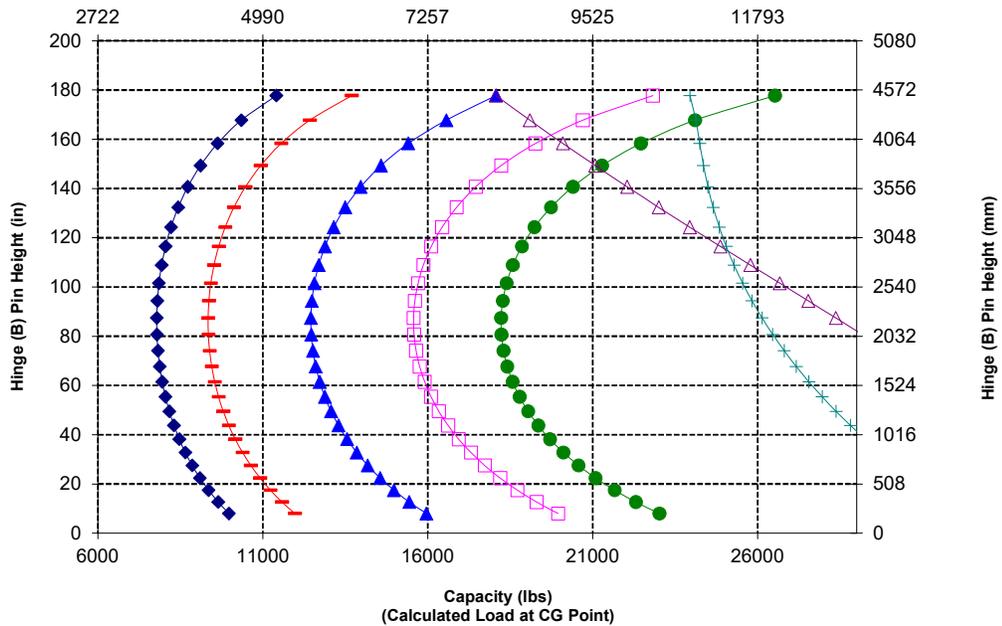
### 950 HL Construction Fork, FUSION

96" Carriage 72" Tine  
520-7957 520-7979

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 7884  |
|    |   | lbs | 17376 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 6726  |
|    |   | lbs | 14825 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3363  |
|    |   | lbs | 7413  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4036  |
|    |   | lbs | 8895  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5381  |
|    |   | lbs | 11860 |
| 3  | Maximum Overall Length  | mm  | 10018 |
|    |   | in  | 394.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2358  |
|    |   | in  | 92.8  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 20110 |
|    |   | lbs | 44322 |

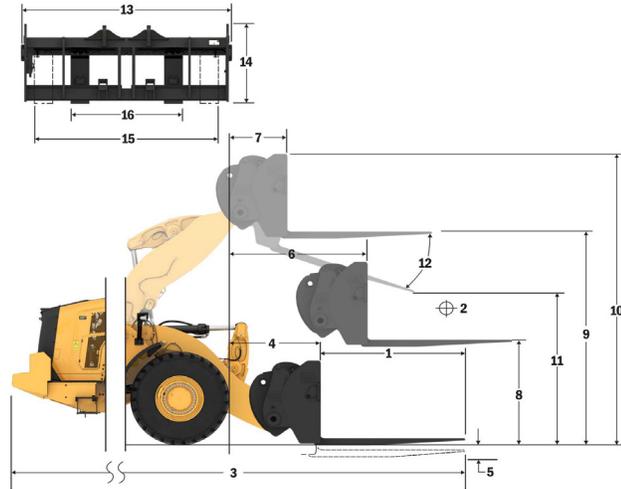
\*Negative values indicate below grade

### 950 HL Construction Fork, FUSION

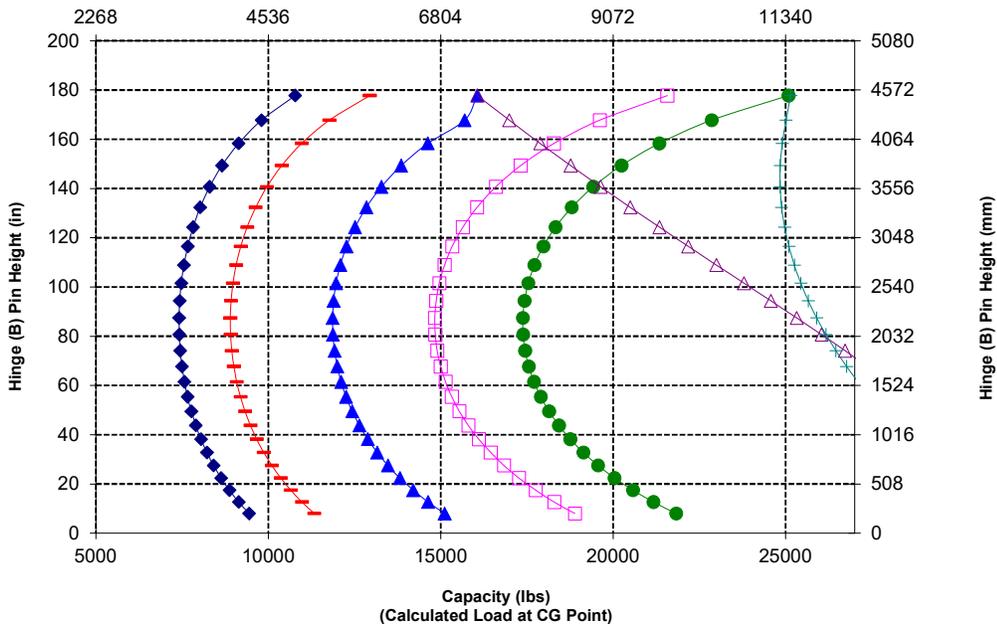
96" Carriage  
520-7957

84" Tine  
520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 7528  |
|    |   | lbs | 16592 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 6412  |
|    |   | lbs | 14133 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3206  |
|    |   | lbs | 7067  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 3847  |
|    |   | lbs | 8480  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5130  |
|    |   | lbs | 11306 |
| 3  | Maximum Overall Length  | mm  | 10322 |
|    |   | in  | 406.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2125  |
|    |   | in  | 83.7  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 20172 |
|    |   | lbs | 44459 |

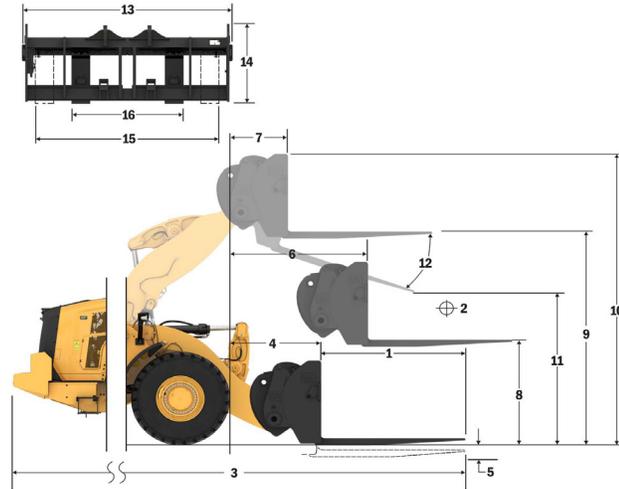
\*Negative values indicate below grade

### 950 HL Construction Fork, FUSION

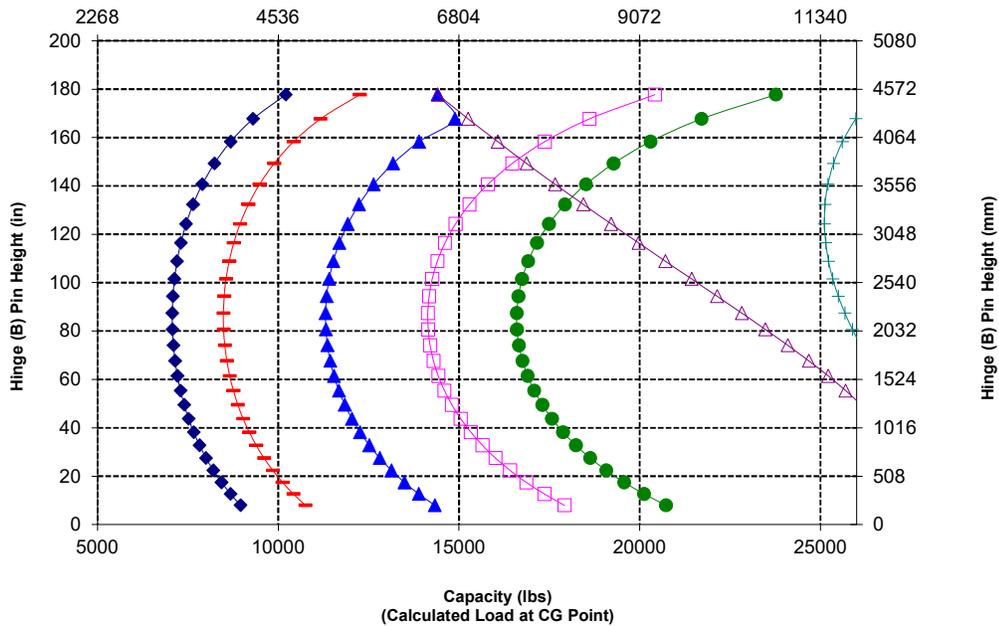
96" Carriage  
520-7957

96" Tine  
520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9070  |
|    |   | lbs | 19991 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7765  |
|    |   | lbs | 17114 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3882  |
|    |   | lbs | 8557  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4659  |
|    |   | lbs | 10268 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6212  |
|    |   | lbs | 13691 |
| 3  | Maximum Overall Length  | mm  | 9103  |
|    |   | in  | 358.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 3060  |
|    |   | in  | 120.5 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2493  |
|    |   | in  | 98.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 22200 |
|    |   | lbs | 48929 |
|    | Operating Weight  | kg  | 19973 |
|    |   | lbs | 44020 |

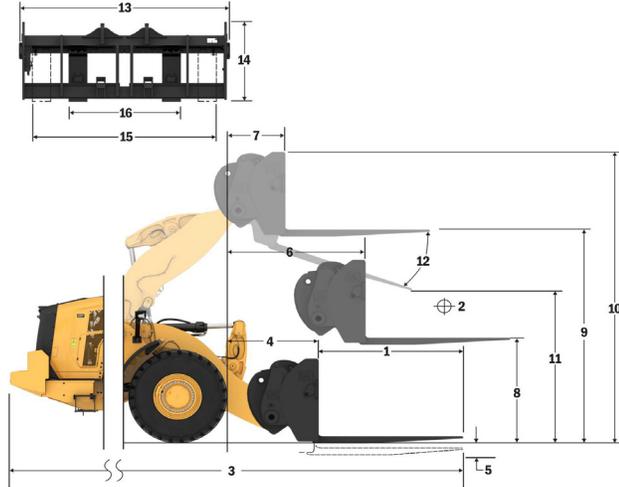
\*Negative values indicate below grade

### 950 HL Construction Fork, FUSION

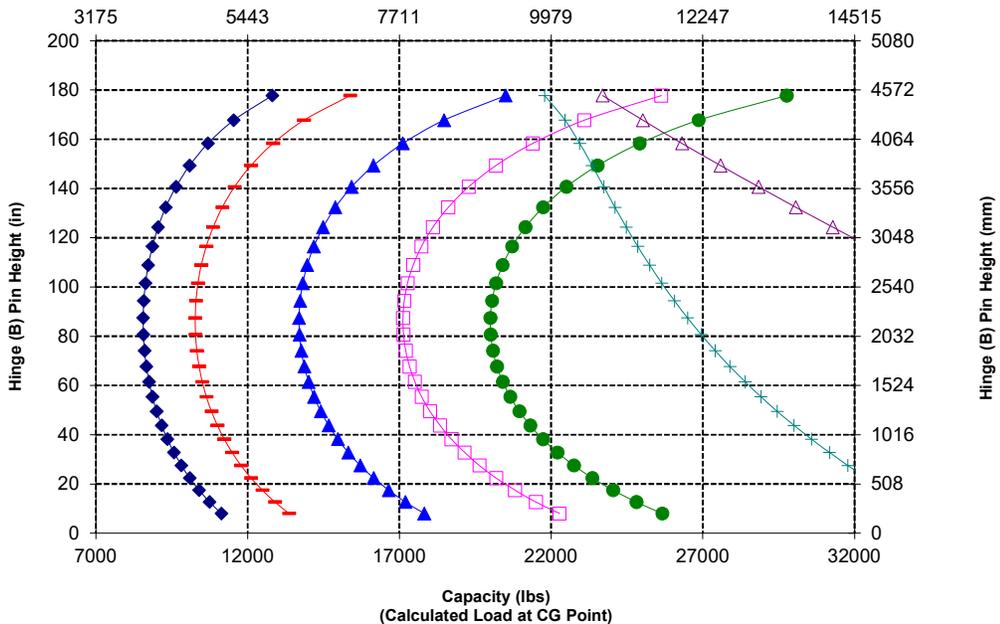
108" Carriage  
520-7968

48" Tine  
520-7985

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

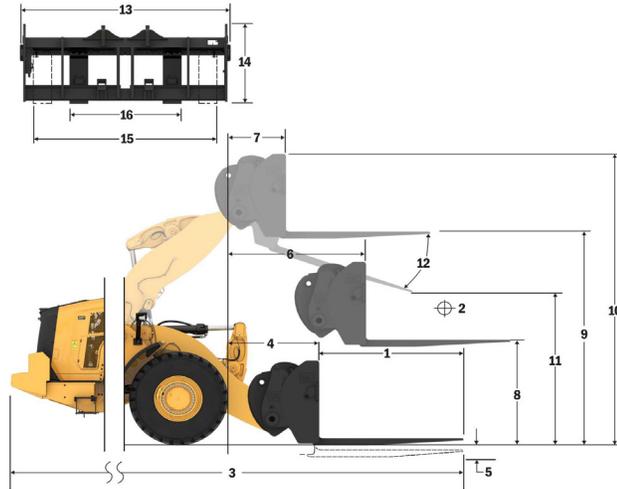
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8636  |
|    |   | lbs | 19033 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7383  |
|    |   | lbs | 16273 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3692  |
|    |   | lbs | 8137  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4430  |
|    |   | lbs | 9764  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5907  |
|    |   | lbs | 13018 |
| 3  | Maximum Overall Length  | mm  | 9408  |
|    |   | in  | 370.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2826  |
|    |   | in  | 111.3 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 20035 |
|    |   | lbs | 44157 |

\*Negative values indicate below grade

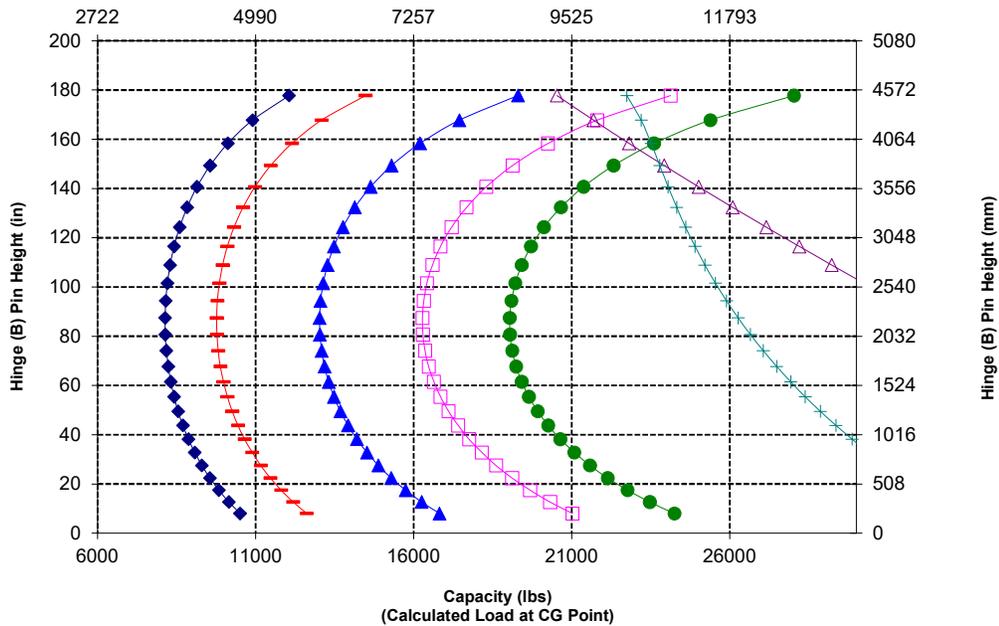
### 950 HL Construction Fork, FUSION

108" Carriage 60" Tine  
520-7968 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

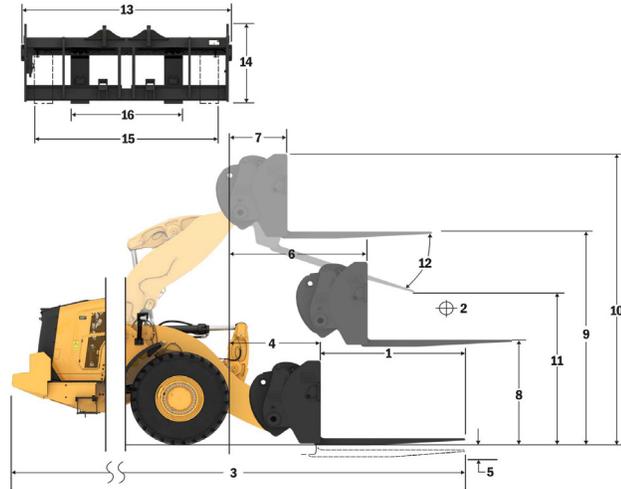
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8230  |
|    |   | lbs | 18139 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7027  |
|    |   | lbs | 15487 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3513  |
|    |   | lbs | 7743  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4216  |
|    |   | lbs | 9292  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5621  |
|    |   | lbs | 12389 |
| 3  | Maximum Overall Length  | mm  | 9713  |
|    |   | in  | 382.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2592  |
|    |   | in  | 102.1 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 14800 |
|    |   | lbs | 32619 |
|    | Operating Weight  | kg  | 20097 |
|    |   | lbs | 44293 |

\*Negative values indicate below grade

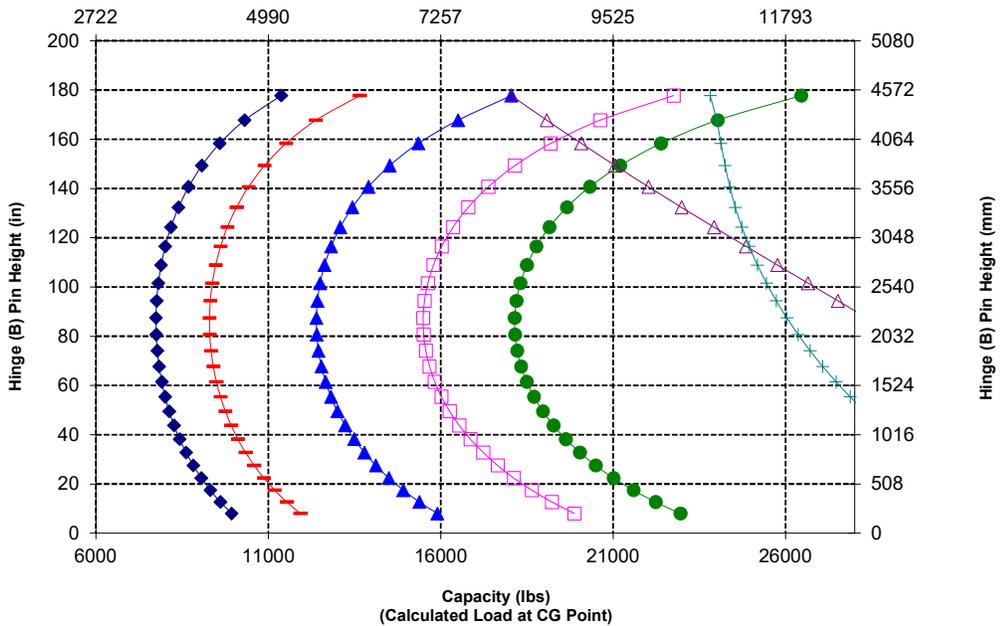
### 950 HL Construction Fork, FUSION

108" Carriage 72" Tine  
520-7968 520-7979

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

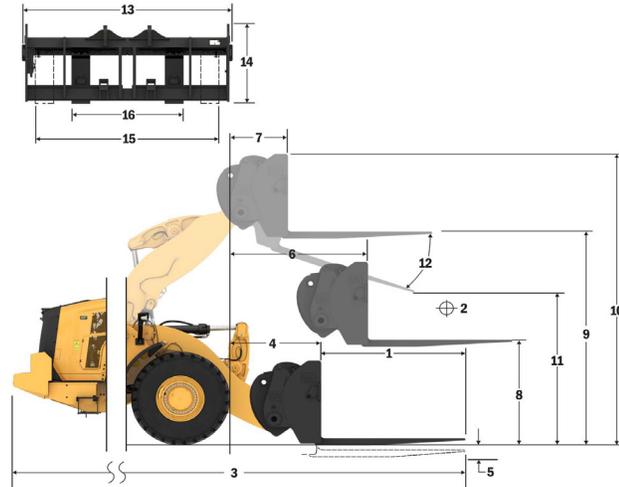
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 7850  |
|    |   | lbs | 17302 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 6693  |
|    |   | lbs | 14751 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3346  |
|    |   | lbs | 7375  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4016  |
|    |   | lbs | 8850  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5354  |
|    |   | lbs | 11801 |
| 3  | Maximum Overall Length  | mm  | 10018 |
|    |   | in  | 394.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2358  |
|    |   | in  | 92.8  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 20159 |
|    |   | lbs | 44430 |

\*Negative values indicate below grade

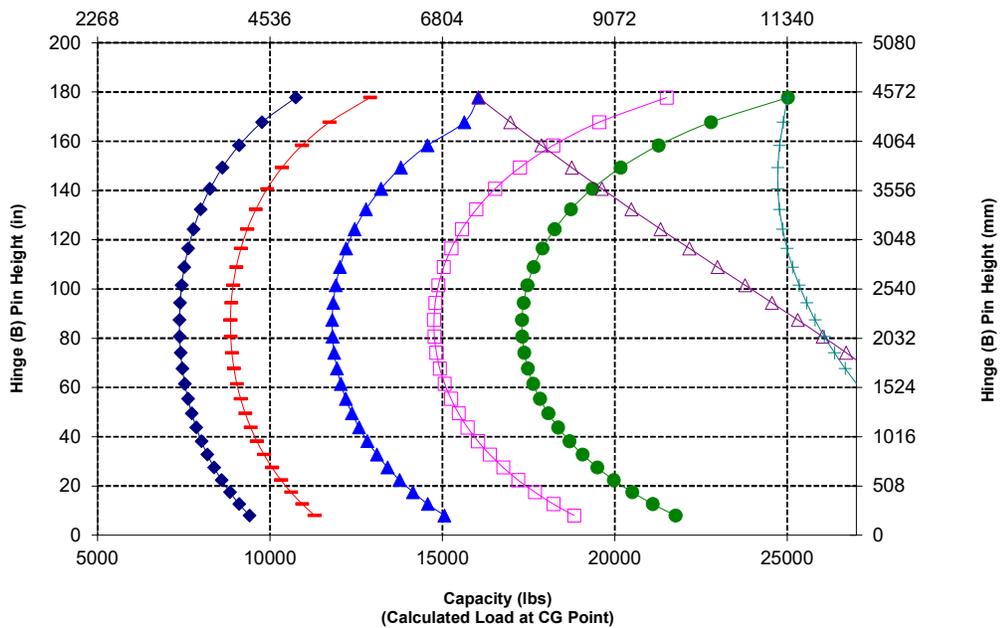
### 950 HL Construction Fork, FUSION

108" Carriage 84" Tine  
520-7968 520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

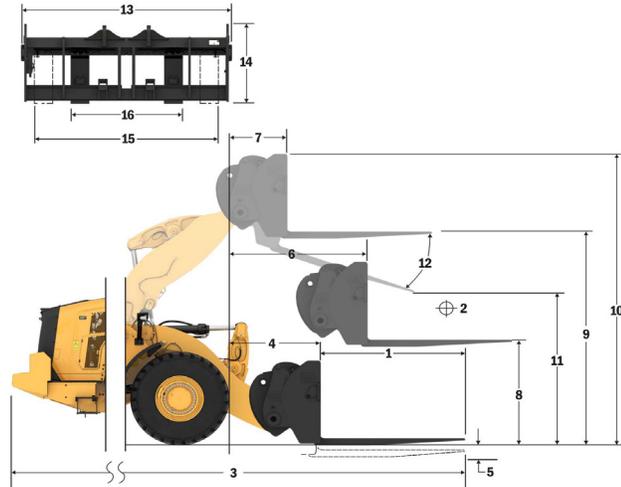
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 7495  |
|    |   | lbs | 16518 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 6379  |
|    |   | lbs | 14059 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3190  |
|    |   | lbs | 7030  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 3827  |
|    |   | lbs | 8436  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5103  |
|    |   | lbs | 11248 |
| 3  | Maximum Overall Length  | mm  | 10322 |
|    |   | in  | 406.4 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1657  |
|    |   | in  | 65.2  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 2119  |
|    |   | in  | 83.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1064  |
|    |   | in  | 41.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 4318  |
|    |   | in  | 170.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5358  |
|    |   | in  | 210.9 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2125  |
|    |   | in  | 83.7  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 20222 |
|    |   | lbs | 44569 |

\*Negative values indicate below grade

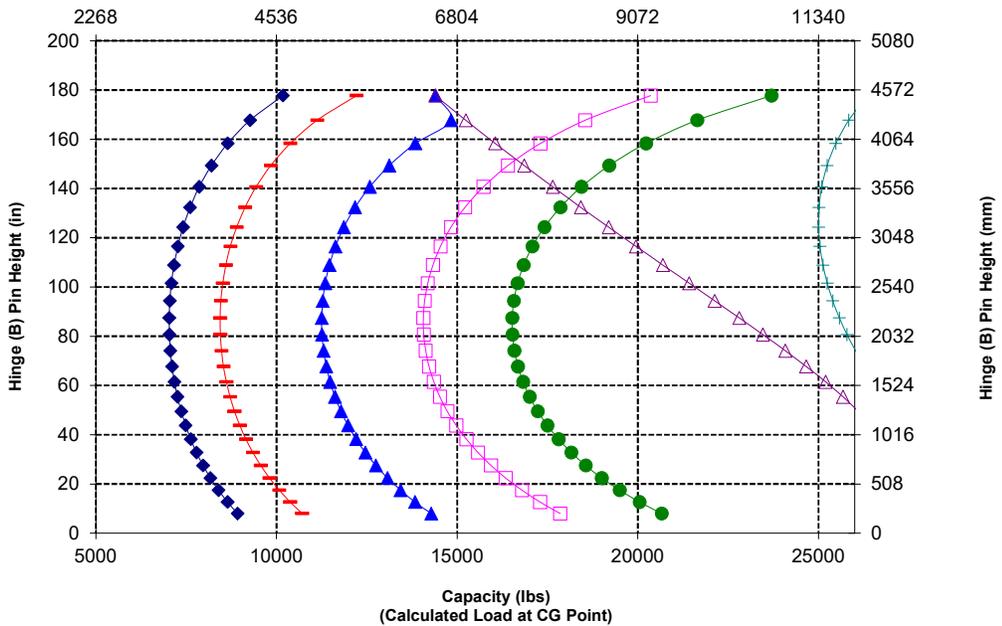
### 950 HL Construction Fork, FUSION

108" Carriage 96" Tine  
520-7968 520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Material Handling Arm Specifications

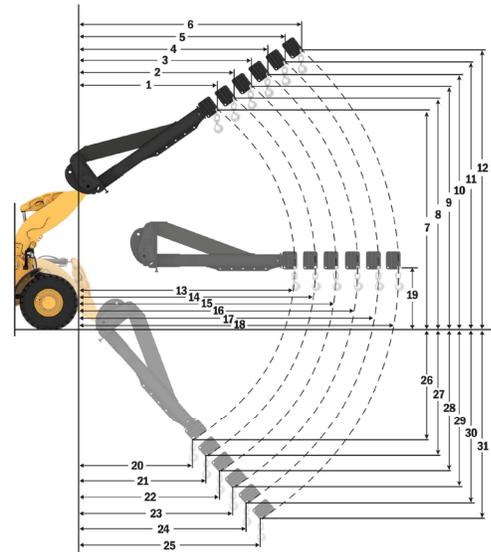
950 HL

289-9885

Material Handling Arm, FUSION

6 Position

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*High Lift Configuration



### MHA Specifications

|  | Retracted      | Extension 1 | Extension 2 | Extension 3 | Extension 4 | Extended |
|--|----------------|-------------|-------------|-------------|-------------|----------|
| Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)        | mm 2,445       | 2,594       | 2,743       | 2,892       | 3,041       | 3,189    |
|  | ft. in 8' 0"   | 8' 6"       | 8' 11"      | 9' 5"       | 9' 11"      | 10' 5"   |
| Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)    | mm 7,283       | 7,549       | 7,815       | 8,081       | 8,347       | 8,613    |
|  | ft. in 23' 10" | 24' 9"      | 25' 7"      | 26' 6"      | 27' 4"      | 28' 3"   |
| Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)     | mm 4,985       | 5,290       | 5,595       | 5,900       | 6,204       | 6,509    |
|  | ft. in 16' 4"  | 17' 4"      | 18' 4"      | 19' 4"      | 20' 4"      | 21' 4"   |
| Level - Hook Eyelet Height (19)                        | mm 1,842       | 1,842       | 1,842       | 1,842       | 1,842       | 1,842    |
|  | ft. in 6' 0.5" | 6' 0.5"     | 6' 0.5"     | 6' 0.5"     | 6' 0.5"     | 6' 0.5"  |
| Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)  | mm 2,812       | 2,987       | 3,161       | 3,336       | 3,510       | 3,685    |
|  | ft. in 9' 2"   | 9' 9"       | 10' 4"      | 10' 11"     | 11' 6"      | 12' 1"   |
| Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31) | mm (2,638)     | (2,888)     | (3,138)     | (3,388)     | (3,638)     | (3,888)  |
|  | ft. in -8' 4"  | -9' 6"      | -10' 8"     | -11' 10"    | -11' 0"     | -12' 2"  |
| Static Tipping Load, Straight                          | kg 5,788       | 5,492       | 5,224       | 4,980       | 4,758       | 4,553    |
|  | lb 12,756      | 12,104      | 11,514      | 10,977      | 10,486      | 10,036   |
| Static Tipping Load, Articulated                       | kg 4,993       | 4,737       | 4,505       | 4,294       | 4,102       | 3,925    |
|  | lb 11,006      | 10,441      | 9,930       | 9,465       | 9,040       | 8,650    |
| Operating Weight                                       | kg 19,369      | 19,369      | 19,369      | 19,369      | 19,369      | 19,369   |
|  | lb 42,689      | 42,689      | 42,689      | 42,689      | 42,689      | 42,689   |

- Retracted
- Extension 1
- Extension 2
- Extension 3
- Extension 4
- Extended

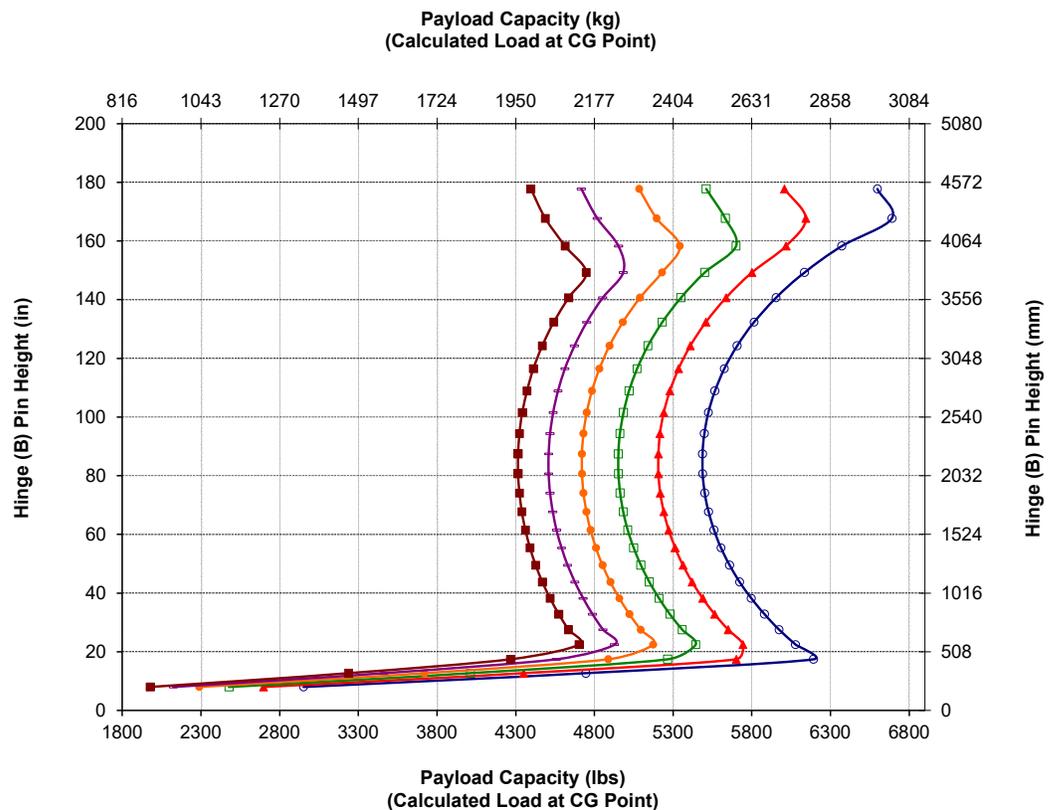
**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by:

SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers



# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 10234 |
|    |   | lbs | 22556 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8847  |
|    |   | lbs | 19498 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4423  |
|    |   | lbs | 9749  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5308  |
|    |   | lbs | 11699 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7077  |
|    |   | lbs | 15598 |
| 3  | Maximum Overall Length  | mm  | 9009  |
|    |   | in  | 354.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1258  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -160  |
|    |   | in  | -6.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1752  |
|    |   | in  | 69.0  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1037  |
|    |   | in  | 40.8  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3707  |
|    |   | in  | 145.9 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4482  |
|    |   | in  | 176.4 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2327  |
|    |   | in  | 91.6  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 47    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 6300  |
|    |   | lbs | 13885 |
|    | Operating Weight  | kg  | 19360 |
|    |   | lbs | 42670 |

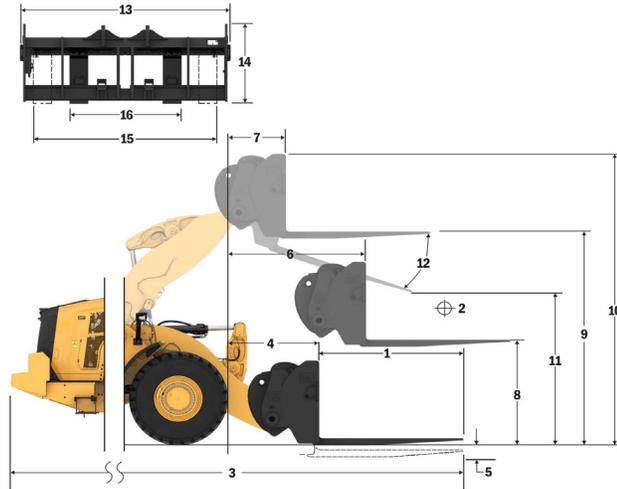
\*Negative values indicate below grade

### 950 AUX Pallet Fork, FUSION

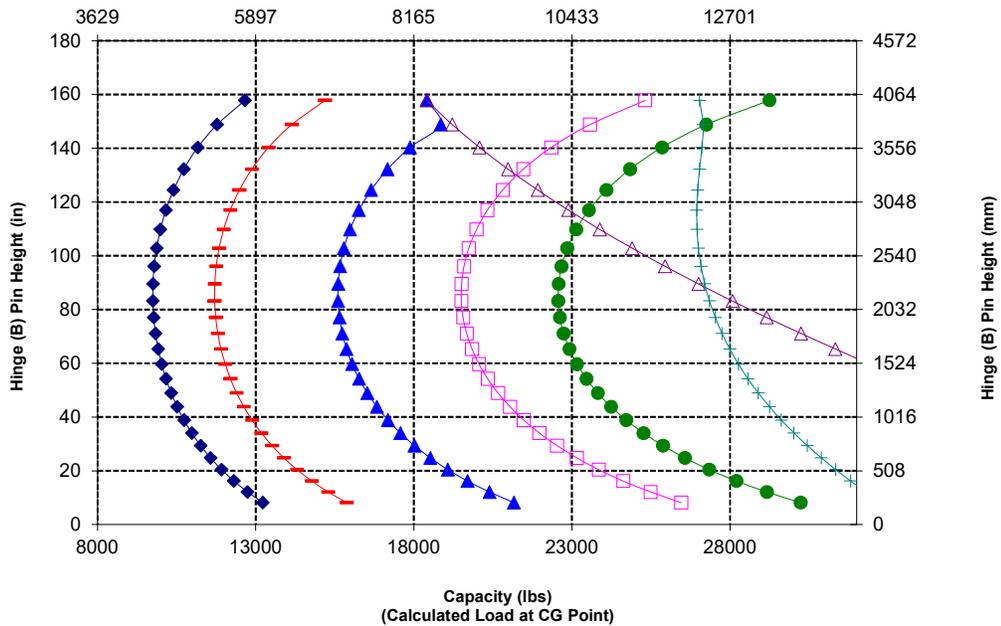
87" Carriage  
530-1861

60" Tine  
548-3265

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

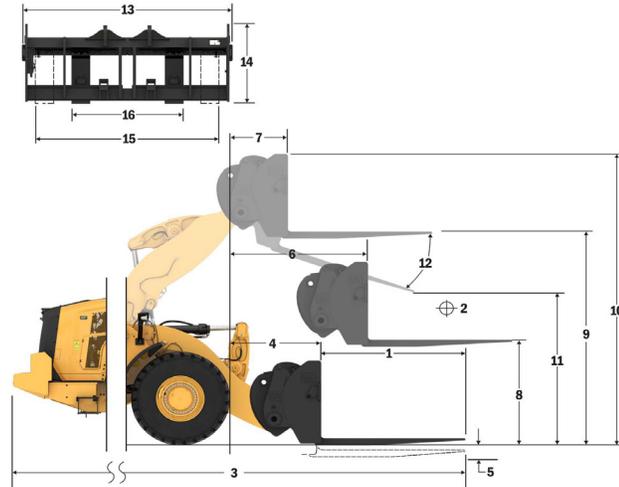
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1830  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9741  |
|    |   | lbs | 21470 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8414  |
|    |   | lbs | 18545 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4207  |
|    |   | lbs | 9273  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5049  |
|    |   | lbs | 11127 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6732  |
|    |   | lbs | 14836 |
| 3  | Maximum Overall Length  | mm  | 9315  |
|    |   | in  | 366.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1258  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -160  |
|    |   | in  | -6.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1752  |
|    |   | in  | 69.0  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1037  |
|    |   | in  | 40.8  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3707  |
|    |   | in  | 145.9 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4482  |
|    |   | in  | 176.4 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2105  |
|    |   | in  | 82.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 47    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 5246  |
|    |   | lbs | 11562 |
|    | Operating Weight  | kg  | 19407 |
|    |   | lbs | 42774 |

\*Negative values indicate below grade

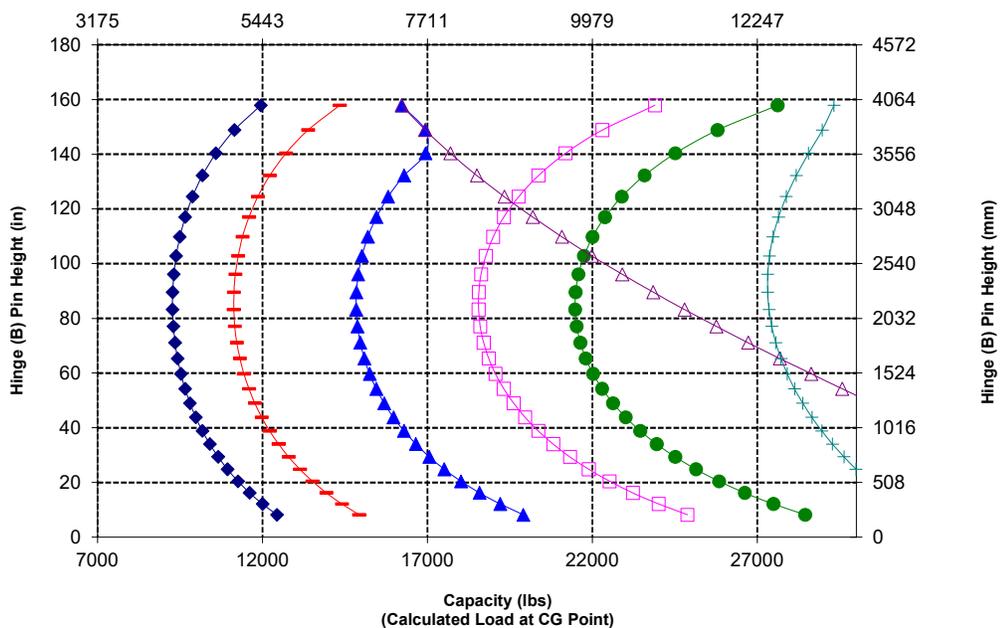
### 950 AUX Pallet Fork, FUSION

87" Carriage 72" Tine  
530-1861 530-1869

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

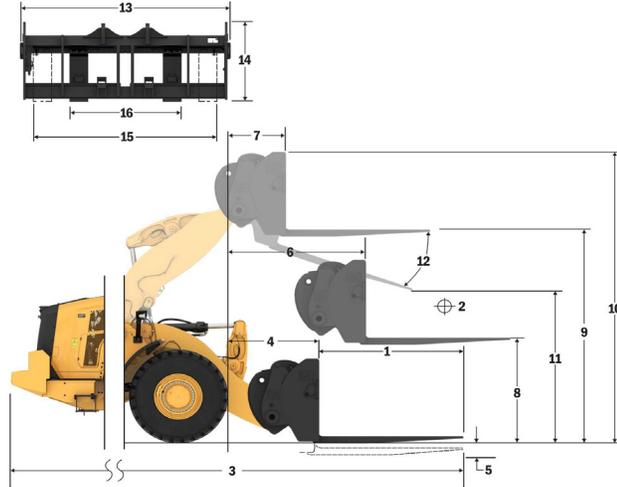
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 810   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 10510 |
|    |   | lbs | 23164 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 9053  |
|    |   | lbs | 19953 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4526  |
|    |   | lbs | 9976  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5432  |
|    |   | lbs | 11972 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7242  |
|    |   | lbs | 15962 |
| 3  | Maximum Overall Length  | mm  | 8659  |
|    |   | in  | 340.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1212  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2516  |
|    |   | in  | 99.0  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 22200 |
|    |   | lbs | 48929 |
|    | Operating Weight  | kg  | 19669 |
|    |   | lbs | 43351 |

\*Negative values indicate below grade

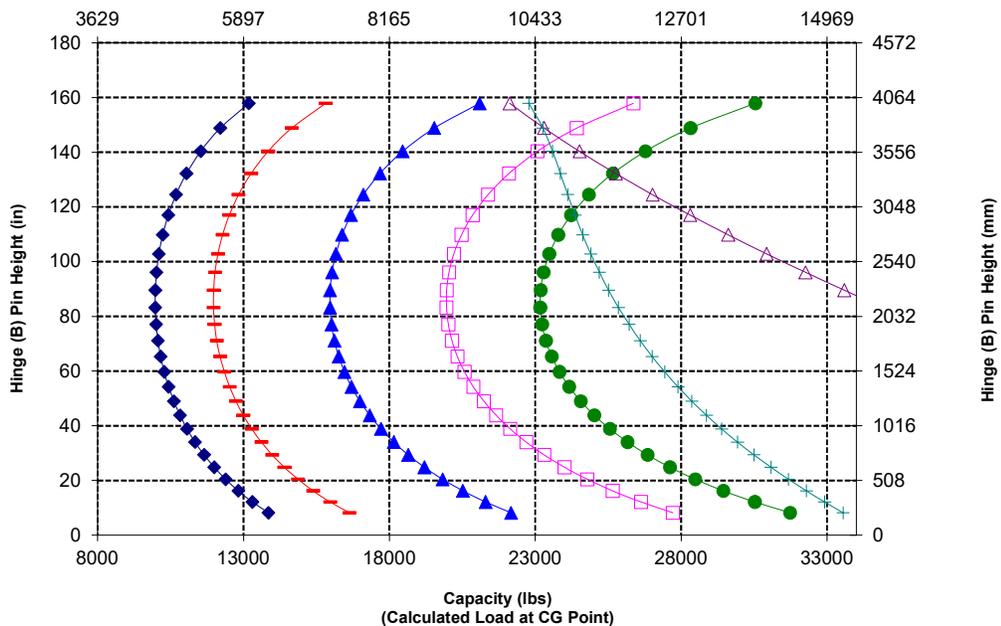
## 950 AUX Construction Fork, FUSION

96" Carriage 48" Tine  
520-7957 520-7985

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

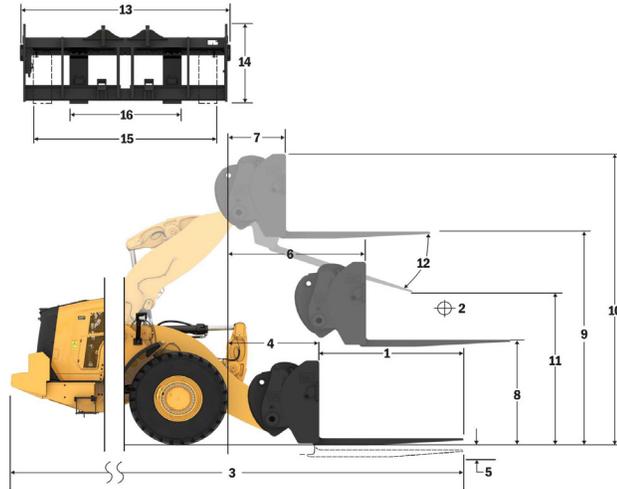
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9966  |
|    |   | lbs | 21966 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8575  |
|    |   | lbs | 18899 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4287  |
|    |   | lbs | 9450  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5145  |
|    |   | lbs | 11340 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6860  |
|    |   | lbs | 15119 |
| 3  | Maximum Overall Length  | mm  | 8964  |
|    |   | in  | 352.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2272  |
|    |   | in  | 89.5  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 19735 |
|    |   | lbs | 43497 |

\*Negative values indicate below grade

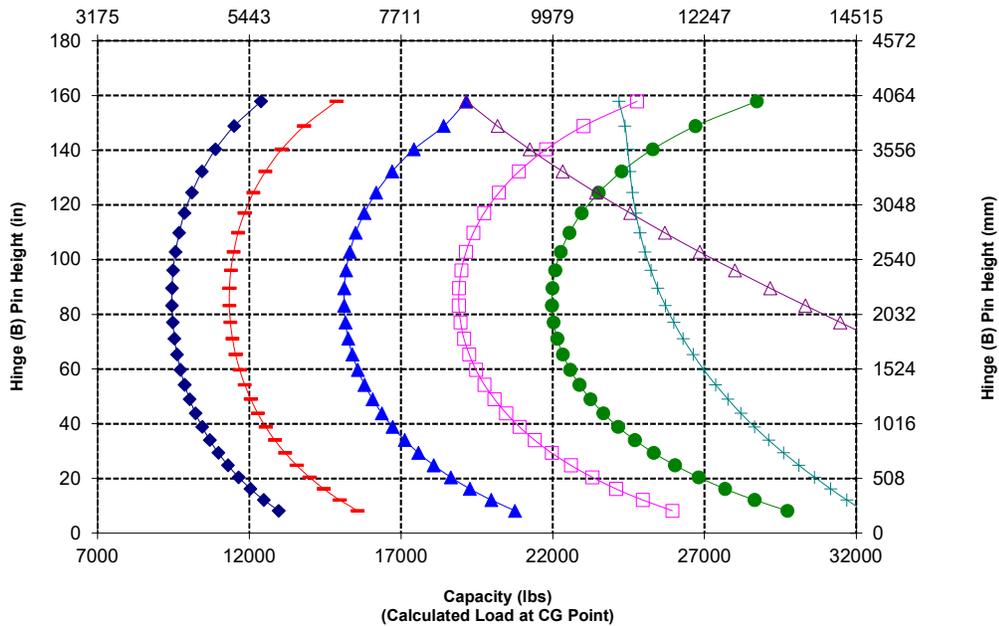
### 950 AUX Construction Fork, FUSION

96" Carriage 60" Tine  
520-7957 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

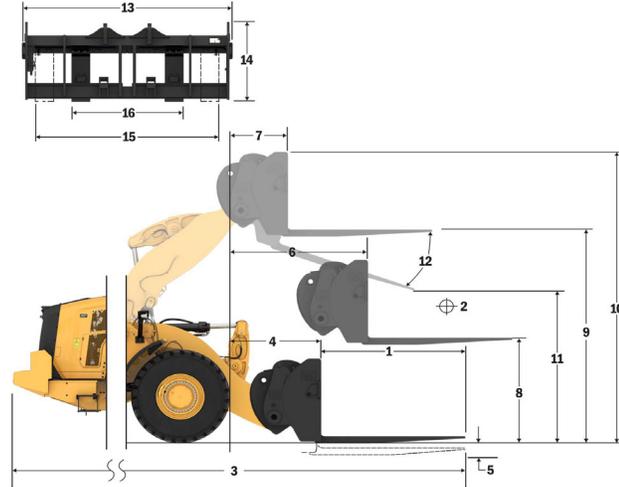
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 935   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9468  |
|    |   | lbs | 20867 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8137  |
|    |   | lbs | 17934 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4068  |
|    |   | lbs | 8967  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4882  |
|    |   | lbs | 10760 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6510  |
|    |   | lbs | 14347 |
| 3  | Maximum Overall Length  | mm  | 9269  |
|    |   | in  | 364.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2029  |
|    |   | in  | 79.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 14800 |
|    |   | lbs | 32619 |
|    | Operating Weight  | kg  | 19796 |
|    |   | lbs | 43631 |

\*Negative values indicate below grade

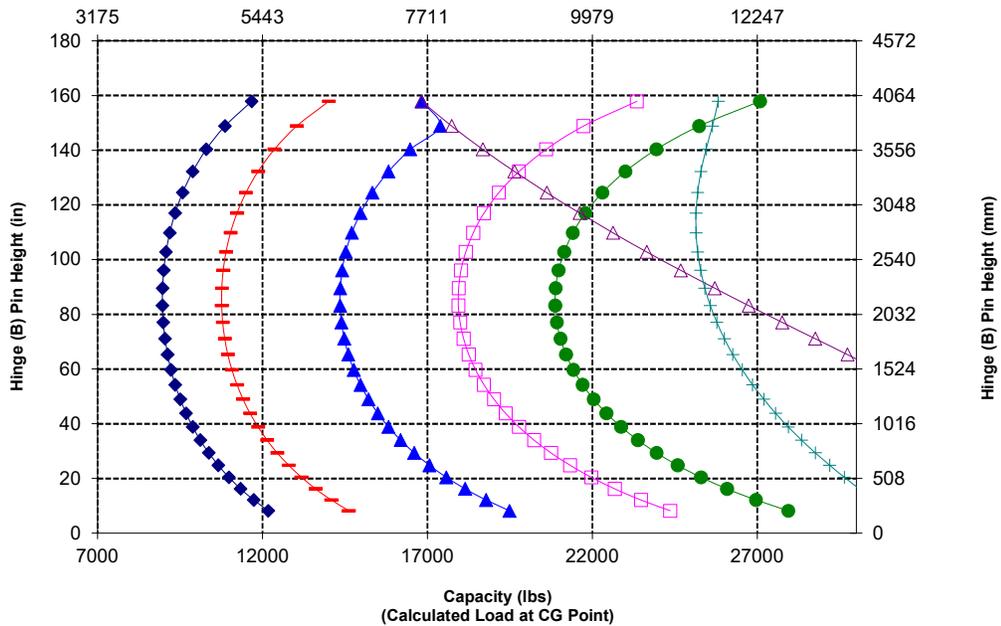
## 950 AUX Construction Fork, FUSION

96" Carriage 72" Tine  
520-7957 520-7979

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

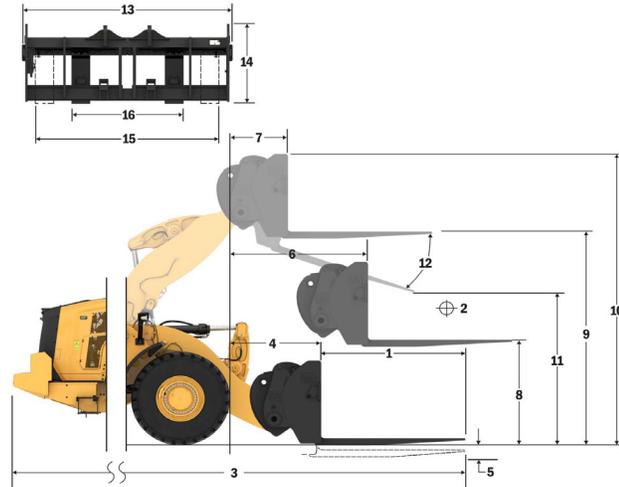
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9004  |
|    |   | lbs | 19845 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7729  |
|    |   | lbs | 17034 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3864  |
|    |   | lbs | 8517  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4637  |
|    |   | lbs | 10220 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6183  |
|    |   | lbs | 13627 |
| 3  | Maximum Overall Length  | mm  | 9574  |
|    |   | in  | 376.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1786  |
|    |   | in  | 70.3  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 19859 |
|    |   | lbs | 43770 |

\*Negative values indicate below grade

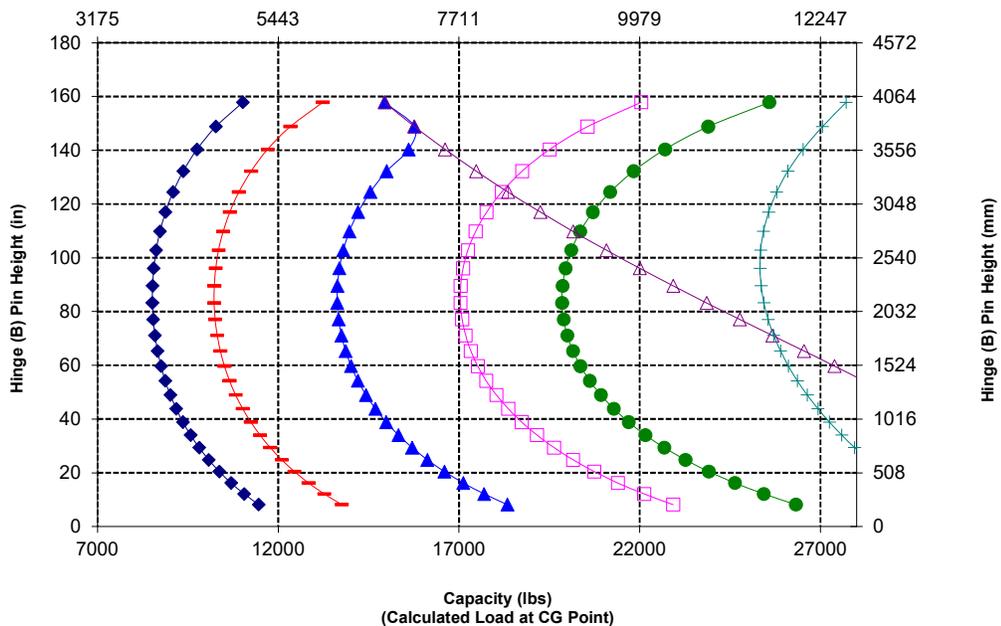
### 950 AUX Construction Fork, FUSION

96" Carriage 84" Tine  
520-7957 520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8575  |
|    |   | lbs | 18899 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7351  |
|    |   | lbs | 16201 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3675  |
|    |   | lbs | 8100  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4410  |
|    |   | lbs | 9720  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5880  |
|    |   | lbs | 12960 |
| 3  | Maximum Overall Length  | mm  | 9878  |
|    |   | in  | 388.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1544  |
|    |   | in  | 60.8  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 19921 |
|    |   | lbs | 43907 |

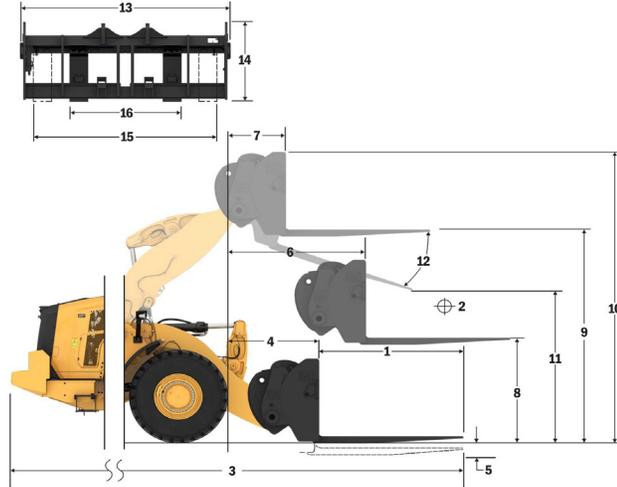
\*Negative values indicate below grade

### 950 AUX Construction Fork, FUSION

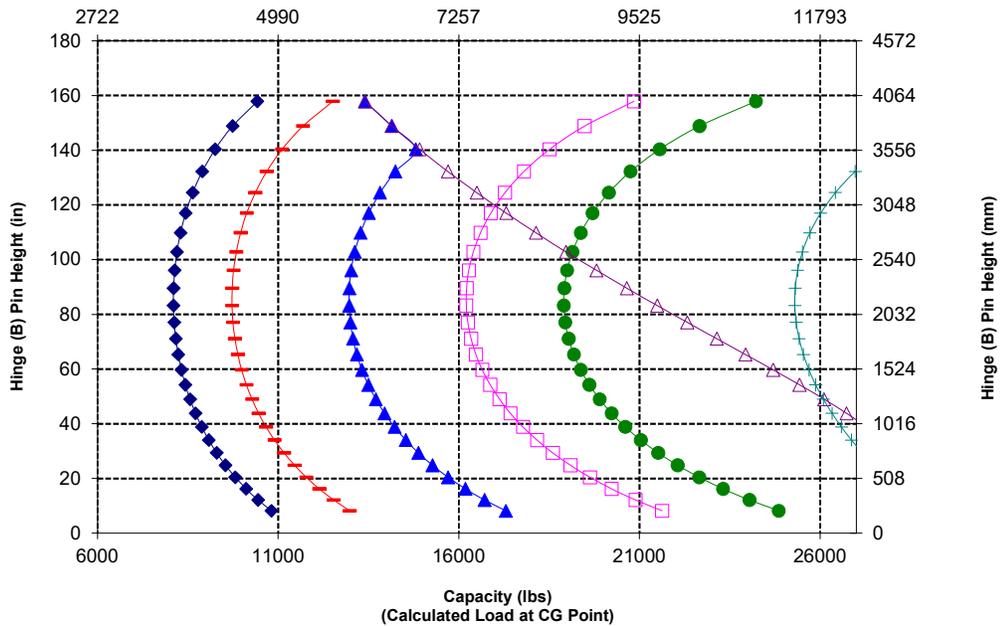
96" Carriage  
520-7957

96" Tine  
520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

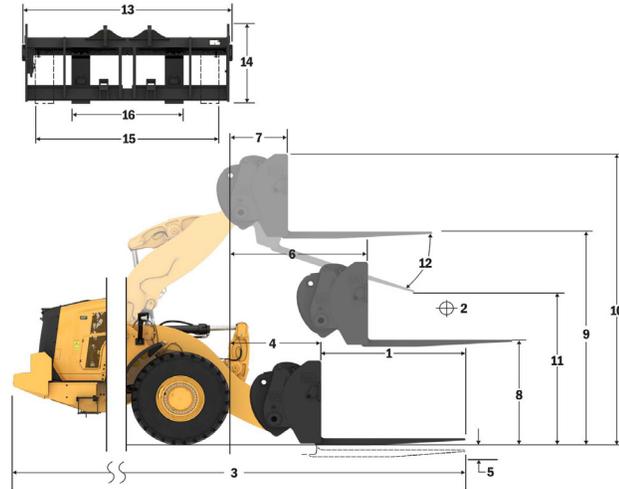
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 10470 |
|    |   | lbs | 23075 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 9012  |
|    |   | lbs | 19863 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4506  |
|    |   | lbs | 9932  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5407  |
|    |   | lbs | 11918 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7210  |
|    |   | lbs | 15891 |
| 3  | Maximum Overall Length  | mm  | 8659  |
|    |   | in  | 340.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1212  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2516  |
|    |   | in  | 99.0  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2493  |
|    |   | in  | 98.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 22200 |
|    |   | lbs | 48929 |
|    | Operating Weight  | kg  | 19722 |
|    |   | lbs | 43468 |

\*Negative values indicate below grade

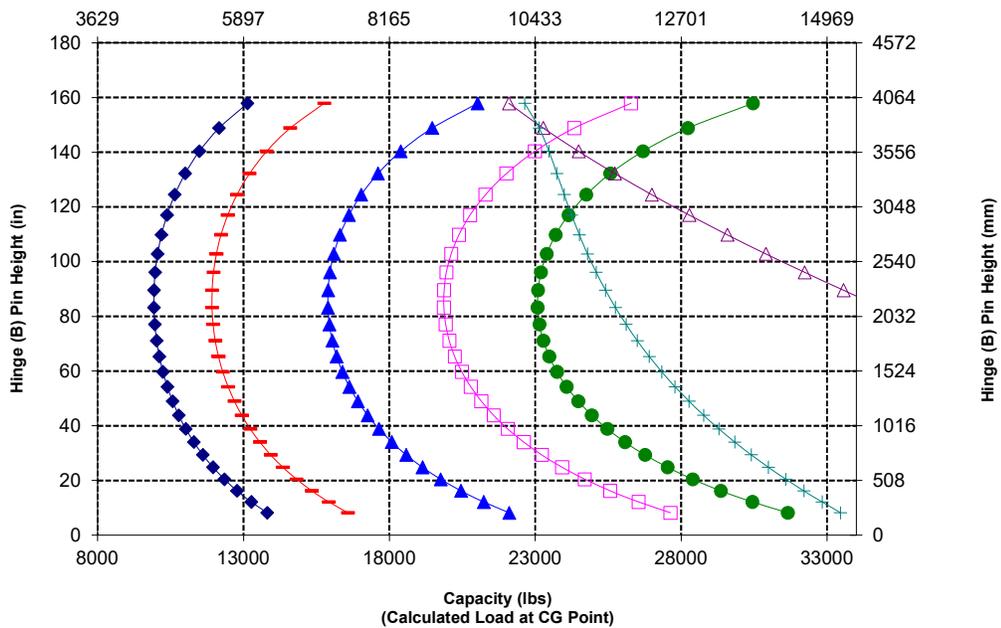
### 950 AUX Construction Fork, FUSION

108" Carriage 48" Tine  
520-7968 520-7985

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJL L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

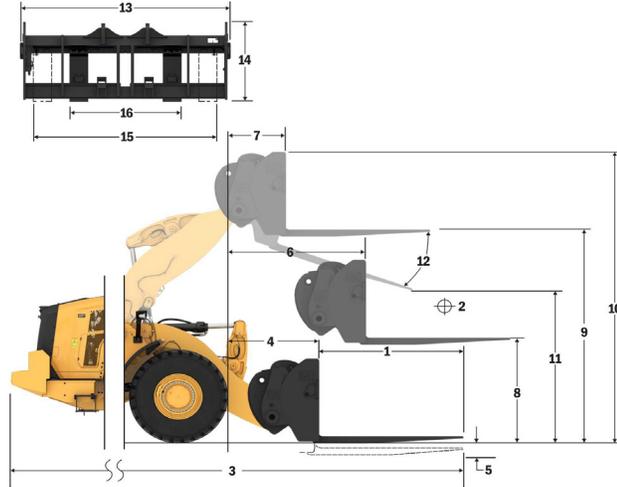
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9931  |
|    |   | lbs | 21888 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8540  |
|    |   | lbs | 18822 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4270  |
|    |   | lbs | 9411  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5124  |
|    |   | lbs | 11293 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6832  |
|    |   | lbs | 15058 |
| 3  | Maximum Overall Length  | mm  | 8964  |
|    |   | in  | 352.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2272  |
|    |   | in  | 89.5  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 19784 |
|    |   | lbs | 43605 |

\*Negative values indicate below grade

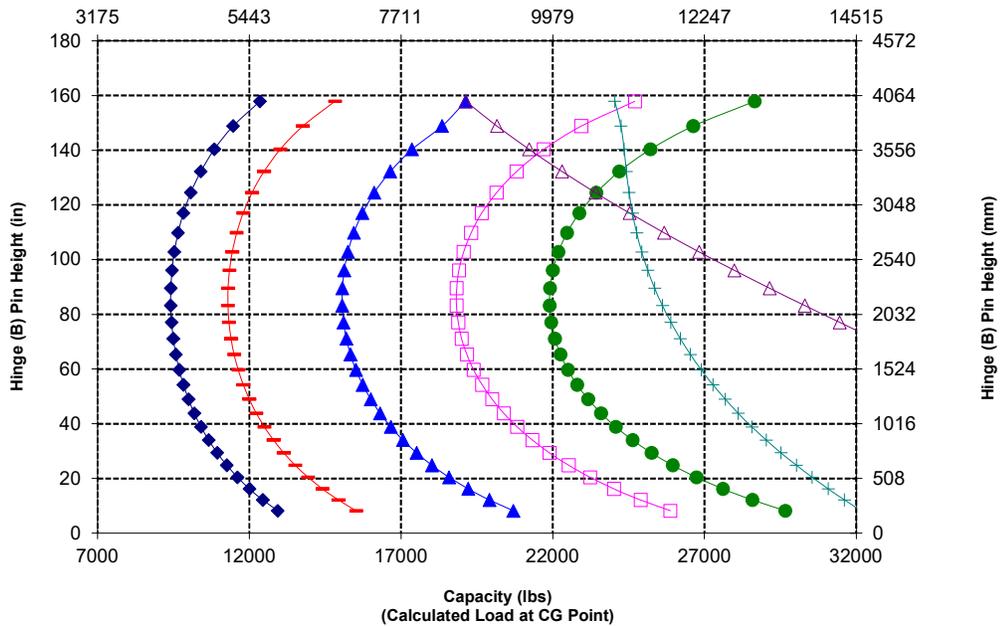
### 950 AUX Construction Fork, FUSION

108" Carriage 60" Tine  
520-7968 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

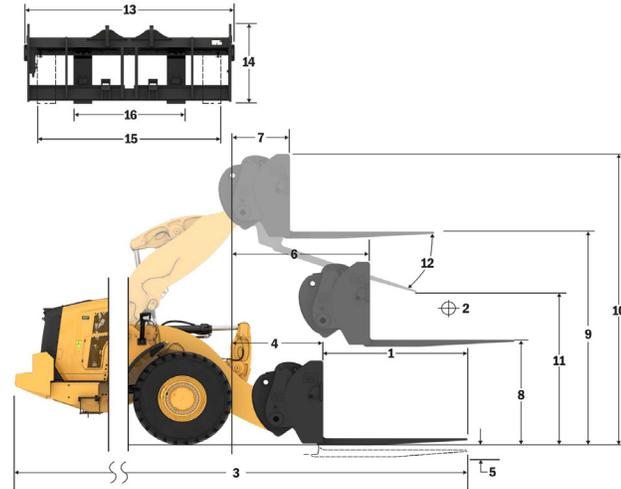
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9433  |
|    |   | lbs | 20790 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8102  |
|    |   | lbs | 17858 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4051  |
|    |   | lbs | 8929  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4861  |
|    |   | lbs | 10715 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6482  |
|    |   | lbs | 14286 |
| 3  | Maximum Overall Length  | mm  | 9269  |
|    |   | in  | 364.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2029  |
|    |   | in  | 79.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 14800 |
|    |   | lbs | 32619 |
|    | Operating Weight  | kg  | 19846 |
|    |   | lbs | 43741 |

\*Negative values indicate below grade

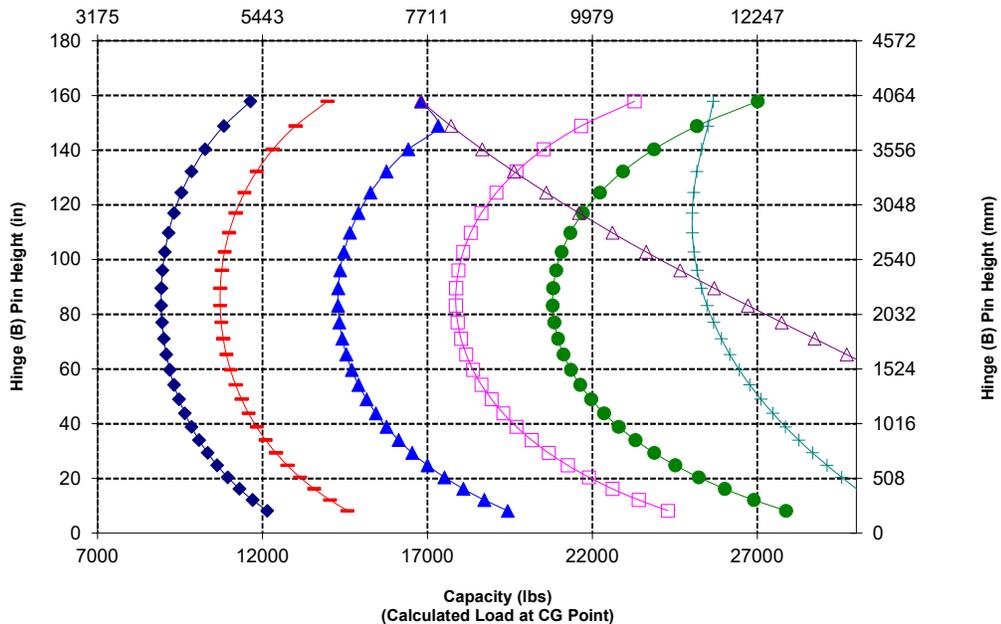
### 950 AUX Construction Fork, FUSION

108" Carriage 72" Tine  
520-7968 520-7979

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

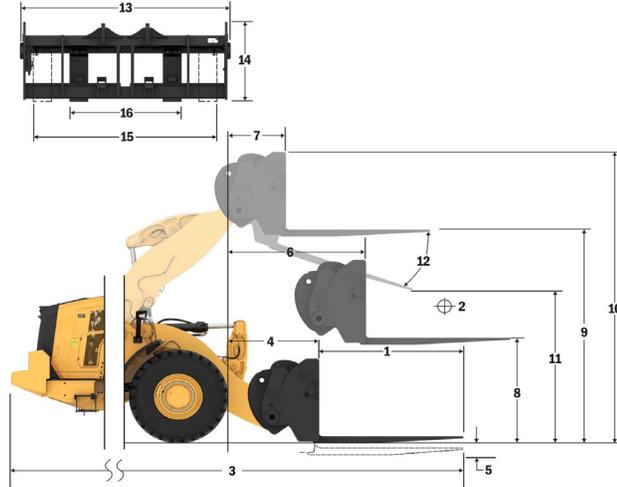
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8972  |
|    |   | lbs | 19774 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7696  |
|    |   | lbs | 16963 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3848  |
|    |   | lbs | 8482  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4618  |
|    |   | lbs | 10178 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6157  |
|    |   | lbs | 13570 |
| 3  | Maximum Overall Length  | mm  | 9574  |
|    |   | in  | 376.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1786  |
|    |   | in  | 70.3  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 19908 |
|    |   | lbs | 43878 |

\*Negative values indicate below grade

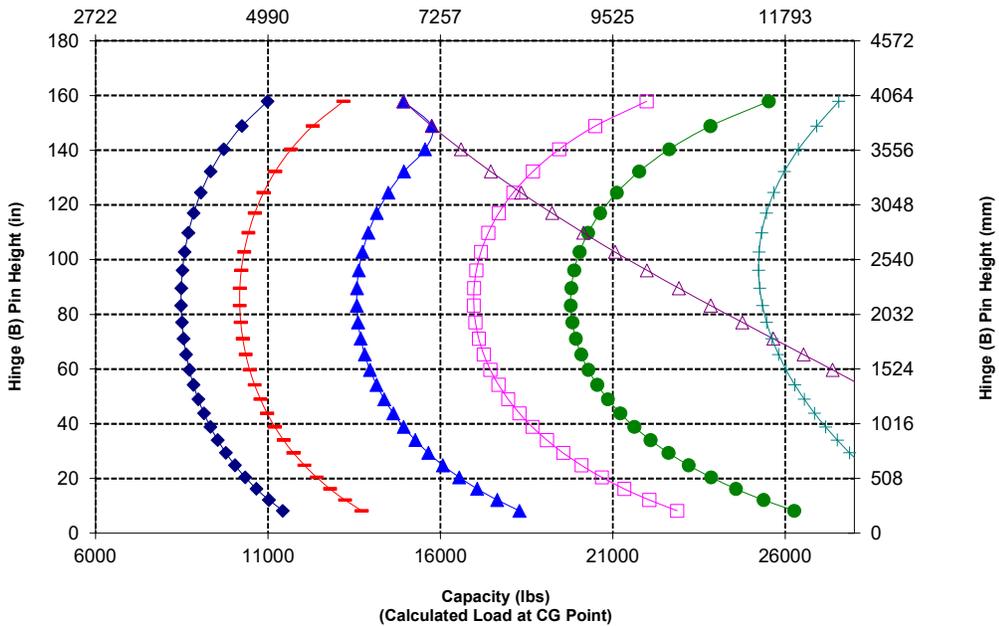
## 950 AUX Construction Fork, FUSION

108" Carriage 84" Tine  
520-7968 520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Fork Specifications

### Fork Specifications

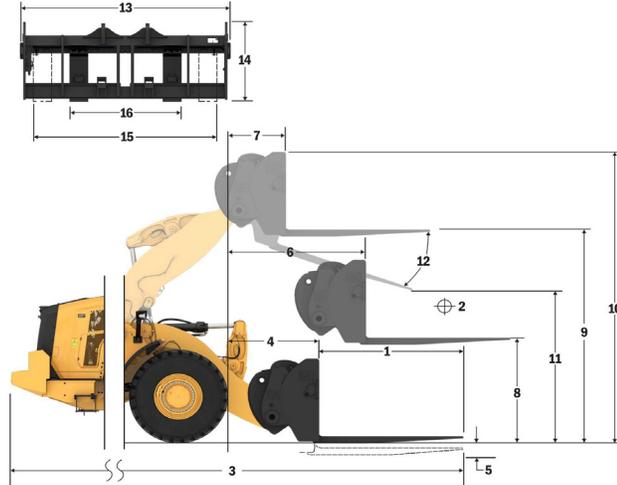
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8543  |
|    |   | lbs | 18829 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7319  |
|    |   | lbs | 16131 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3659  |
|    |   | lbs | 8065  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4391  |
|    |   | lbs | 9678  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5855  |
|    |   | lbs | 12904 |
| 3  | Maximum Overall Length  | mm  | 9878  |
|    |   | in  | 388.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1029  |
|    |   | in  | 40.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3812  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4853  |
|    |   | in  | 191.0 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1544  |
|    |   | in  | 60.8  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 53    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 19971 |
|    |   | lbs | 44017 |

\*Negative values indicate below grade

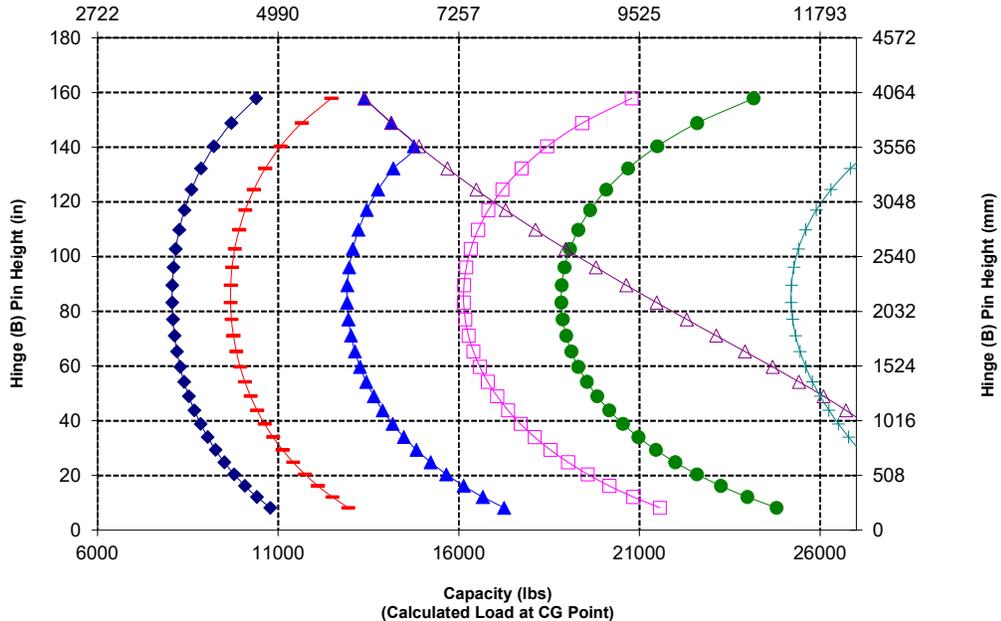
### 950 AUX Construction Fork, FUSION

108" Carriage 96" Tine  
520-7968 520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Auxiliary CTWT Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Wheel Loader Specifications

## Material Handling Arm Specifications

**950 AUX**

289-9885

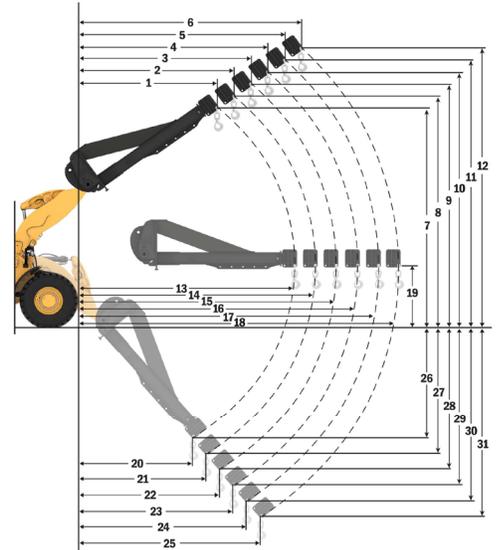
Material Handling Arm, FUSION

6 Position

**MHA Specifications**

|  | Retracted      | Extension 1 | Extension 2 | Extension 3 | Extension 4 | Extended |
|--|----------------|-------------|-------------|-------------|-------------|----------|
| Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)        | mm 2,291       | 2,429       | 2,566       | 2,704       | 2,842       | 2,979    |
|  | ft. in 7' 6"   | 7' 11"      | 8' 5"       | 8' 10"      | 9' 3"       | 9' 9"    |
| Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)    | mm 6,852       | 7,124       | 7,396       | 7,668       | 7,939       | 8,211    |
|  | ft. in 22' 5"  | 23' 4"      | 24' 3"      | 25' 1"      | 26' 0"      | 26' 11"  |
| Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)     | mm 4,610       | 4,915       | 5,220       | 5,525       | 5,829       | 6,134    |
|  | ft. in 15' 1"  | 16' 1"      | 17' 1"      | 18' 1"      | 19' 1"      | 20' 1"   |
| Level - Hook Eyelet Height (19)                        | mm 1,842       | 1,842       | 1,842       | 1,842       | 1,842       | 1,842    |
|  | ft. in 6' 0.5" | 6' 0.5"     | 6' 0.5"     | 6' 0.5"     | 6' 0.5"     | 6' 0.5"  |
| Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)  | mm 2,416       | 2,596       | 2,777       | 2,957       | 3,137       | 3,318    |
|  | ft. in 7' 11"  | 8' 6"       | 9' 1"       | 9' 8"       | 10' 3"      | 10' 10"  |
| Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31) | mm (2,593)     | (2,839)     | (3,085)     | (3,330)     | (3,576)     | (3,822)  |
|  | ft. in -8' 5"  | -9' 8"      | -10' 10"    | -10' 0"     | -11' 3"     | -12' 5"  |
| Static Tipping Load, Straight                          | kg 6,350       | 6,006       | 5,695       | 5,415       | 5,160       | 4,927    |
|  | lb 13,996      | 13,236      | 12,553      | 11,935      | 11,373      | 10,860   |
| Static Tipping Load, Articulated                       | kg 5,501       | 5,202       | 4,932       | 4,689       | 4,467       | 4,265    |
|  | lb 12,125      | 11,465      | 10,871      | 10,334      | 9,845       | 9,399    |
| Operating Weight                                       | kg 19,118      | 19,118      | 19,118      | 19,118      | 19,118      | 19,118   |
|  | lb 42,137      | 42,137      | 42,137      | 42,137      | 42,137      | 42,137   |

- \*Build 14A
- \*Parallel Z-Bar Linkage
- \*Auxiliary CTWT Configuration



- Retracted
- Extension 1
- Extension 2
- Extension 3
- Extension 4
- Extended

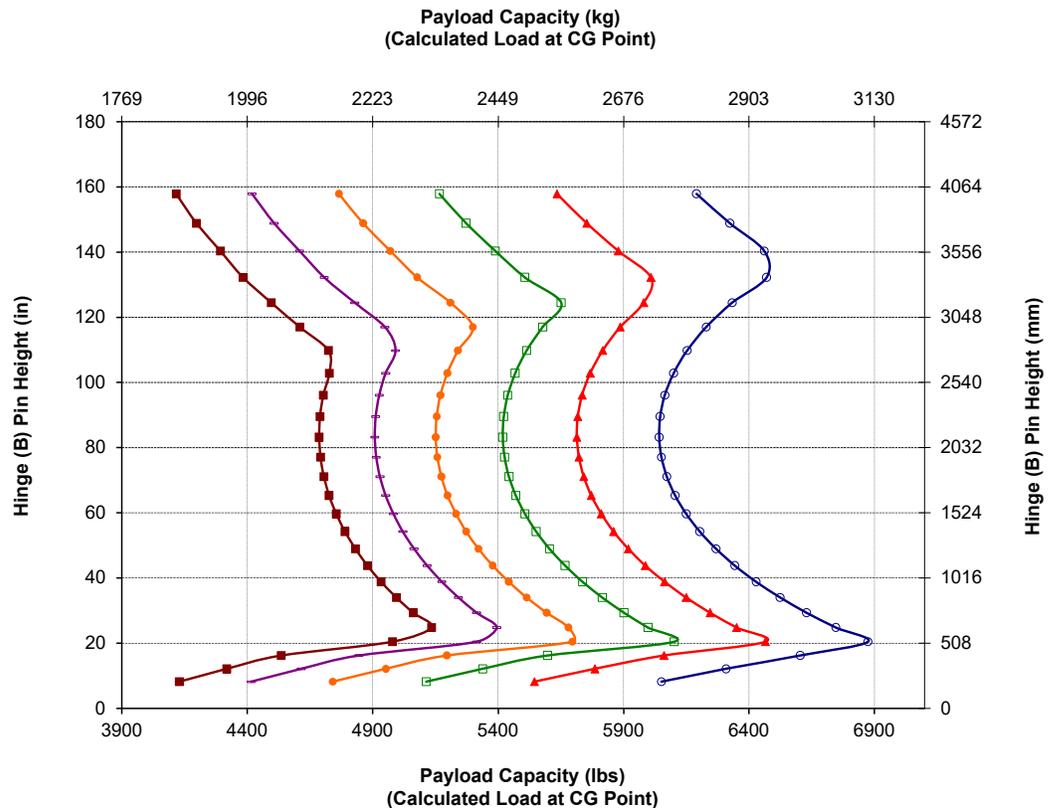
**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by:

SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers



## Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

|  | Standard | Optional |   | Standard | Optional |
|--|----------|----------|---|----------|----------|
| <b>POWERTRAIN</b>  |          |          | <b>OPERATOR ENVIRONMENT</b>                         |          |          |
| Cat® C7.1 engine   | ✓        |          | Cab, pressurized, sound suppression                 | ✓        |          |
| Electric fuel priming pump   | ✓        |          | Door, remote opening system**                       |          | ✓        |
| Fuel-water separator and secondary fuel filter                       | ✓        |          | EH implement controls, parking brake                | ✓        |          |
| Engine, air precleaner   | ✓        |          | HMU steering wheel                                  | ✓        |          |
| Turbine, air precleaner  |          | ✓        | Steering, joystick                                  |          | ✓        |
| Radiator, high debris  |          | ✓        | Entertainment radio                                 |          | ✓        |
| Cooling fan, reversible  |          | ✓        | CB radio ready                                      |          | ✓        |
| Axles, open/open differentials**                                     | ✓        |          | Seat, cloth, air suspension                         | ✓        |          |
| Axles, front differential lock**                                     | ✓        |          | Seat, suede/cloth, air suspension, heated           |          | ✓        |
| Axles, auto differential locks front and rear                        |          | ✓        | Seat, leather/cloth, air suspension, heated/cooled  |          | ✓        |
| Axles, ecology drains, AOC ready, extreme temperature seals          |          | ✓        | Touchscreen display                                 | ✓        |          |
| Axles, oil cooler  |          | ✓        | Visibility: mirrors, rearview camera                | ✓        |          |
| Transmission, countershaft, automatic powershift                     | ✓        |          | Multiview (360°) vision system                      |          | ✓        |
| Torque converter with lock-up  | ✓        |          | Cat Detect rear radar system                        |          | ✓        |
| Service brakes, hydraulic, fully enclosed wet disc, wear indicators  | ✓        |          | Dedicated rearview screen                           |          | ✓        |
| Park brake, caliper on front axles, spring applied–pressure released | ✓        |          | Mirrors, heated                                     |          | ✓        |
| <b>ONBOARD TECHNOLOGIES</b>  |          |          | Air conditioner, heater, defroster (auto temp, fan) | ✓        |          |
| Cat Payload scale  | ✓        |          | Sun visor, front and rear retractable               | ✓        |          |
| Autodig with auto set tires  | ✓        |          | Window cleaning platform, front**                   | ✓        |          |
| Operator ID and machine security                                     | ✓        |          | Windows, front, laminated                           | ✓        |          |
| Application profiles   | ✓        |          | Windows, front, heavy duty                          |          | ✓        |
| Job aids   | ✓        |          | Full cab window guard                               |          | ✓        |
| Controls help and eOMM   | ✓        |          |   |          |          |
| Cat Advanced Payload   |          | ✓        |   |          |          |
| Cat Payload printer  |          | ✓        |   |          |          |

(continued on next page)

## Standard and Optional Equipment (continued)

Standard and optional equipment may vary. Consult your Cat dealer for details.

|   | Standard | Optional |  | Standard | Optional |
|---|----------|----------|--|----------|----------|
| <b>ELECTRICAL</b>   |          |          | <b>MONITORING SYSTEM</b>   |          |          |
| Starting and charging system, 24V   | ✓        |          | Front dash with analog gauges, LCD display, and warning lights                         | ✓        |          |
| Starter, electric, heavy duty   | ✓        |          | Primary touchscreen monitor (Cat Payload, quad screens, machine settings and messages) | ✓        |          |
| Cold start, 120V or 240V  |          | ✓        | <b>ADDITIONAL EQUIPMENT</b>  |          |          |
| Lights: halogen, 4 work lights, 2 front roading lights with turn signals, 2 rearview lights | ✓        |          | Cat Autolube system  |          | ✓        |
| Lights: LED   |          | ✓        | Fenders, extensions or roading   |          | ✓        |
| Warning beacon  |          | ✓        | Guards: powertrain, crankcase, window glass, cylinders, rear                           |          | ✓        |
| Reversing strobe lights   |          | ✓        | Biodegradable hydraulic oil  |          | ✓        |
| <b>HYDRAULICS</b>   |          |          | High-speed oil change system   |          | ✓        |
| Implement system, load sensing with variable displacement piston pump                       | ✓        |          | Rear cab access  |          | ✓        |
| Steering system, load sensing with dedicated variable displacement piston pump              | ✓        |          | Toolbox  |          | ✓        |
| Ride control, dual accumulators**   | ✓        |          | Wheel chocks   |          | ✓        |
| 3 <sup>rd</sup> and 4 <sup>th</sup> auxiliary functions with ride control                   |          | ✓        | Secondary steering system, electrical**  |          | ✓        |
| Oil sampling valves, Cat XT™ hoses  | ✓        |          | <b>SPECIAL CONFIGURATIONS*</b>   |          |          |
| Quick coupler control   |          | ✓        | Auxiliary counterweight  |          | ✓        |
| <b>LINKAGE</b>  |          |          | Waste and industrial   |          | ✓        |
| Parallel lift, Z-bar  | ✓        |          | Forestry   |          | ✓        |
| High lift   |          | ✓        | Corrosion resistant  |          | ✓        |
| Kickouts: lift and tilt   | ✓        |          |  |          |          |

\* Not all configurations available in all regions, subject to availability.

\*\* Standard or optional depending on region. Consult your dealer.

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit <https://www.caterpillar.com/en/company/sustainability.html>.

## Engine

- The Cat® C7.1 engine meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards or Brazil MAR-1 and UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, China Nonroad Stage IV, Japan 2014 engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester)\*
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Cat engines meeting Brazil MAR-1 and UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA, are compatible with diesel fuel blended with the following lower-carbon intensity fuels up to:
  - ✓ 100% biodiesel FAME (fatty acid methyl ester)\*\*
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

\*Engines with no aftertreatment devices can use higher blends, up to 30% biodiesel where mandated.

\*\* For use of blends higher than 20% biodiesel, consult your Cat dealer.

## Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg (3.5 lb) of refrigerant, which has a CO<sub>2</sub> equivalent of 2.288 metric tonnes (2.522 tons).

## Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - Barium < 0.01%
  - Cadmium < 0.01%
  - Chromium < 0.01%
  - Lead < 0.01%

## Sound

|  |           |
|--|-----------|
| Operator Sound Pressure Level (ISO 6396:2008)  | 70 dB(A)  |
| Exterior Sound Power Level (ISO 6395:2008)     | 107 dB(A) |
| Operator Sound Pressure Level (ISO 6396:2008)* | 69 dB(A)  |
| Exterior Sound Power Level (ISO 6395:2008)**   | 104 dB(A) |

\* Including countries that adopt the EU and UK directives.

\*\* European Union Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701.

## Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

## Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Autodig with auto set tires provides consistent high bucket fill factors for up to 10% more productivity
  - 5-speed advanced powershift transmission, including a lock-up clutch torque converter delivers smooth shifting, fast acceleration, and speed on grade, amplifying your performance and fuel efficiency
  - Reliable fuel systems boost machine performance and fuel economy, lowering overall costs and fuel consumption
  - Automatic engine idle shutdown system reduces idle hours
  - Extended maintenance intervals reduce fluid and filter consumption
  - Remote Flash and Remote Troubleshoot

## Recycling

- The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

| Material Type            | Weight Percentage |
|--------------------------|-------------------|
| Steel                    | 65.16%            |
| Iron                     | 15.93%            |
| Nonferrous Metal         | 3.27%             |
| Mixed Metal              | 0.58%             |
| Mixed Metal and Nonmetal | 0.08%             |
| Plastic                  | 0.98%             |
| Rubber                   | 7.84%             |
| Mixed Nonmetallic        | 0.03%             |
| Fluid                    | 1.26%             |
| Other                    | 3.05%             |
| Uncategorized            | 1.81%             |
| Total                    | 100%              |

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance end-of-life value of the product. According to ISO 16714 (Earthmoving machinery – Recyclability and recoverability – Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused or both.

All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

Because of variations of product configurations, the following value in the table may vary.

Recyclability – 97%



# 950

## Waste & Scrap Handler

**The Cat 950 Wheel Loader Waste and Scrap Handler package features guarding and reinforcement necessary for work in transfer stations, recycling depots, scrap yards, and demolition sites.**

### Proven Reliability

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with diesel particulate filter (DPF), and diesel exhaust fluid (DEF) tank and pump.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

### Durability

- Waste and scrap handler package adds additional steel guards all around the machine to protect your investment and keep debris out of the implement valve and engine compartments.
- Heavy-duty steel cable lower steps stand up to the harshest of conditions.
- Heavy-duty transmission and axles designed to handle waste and scrap applications.
- Automatic countershaft powershift (5F/3R) transmission features durable, long-lasting components.

### Achieve Greater Fuel Efficiency and Productivity

- Optional high lift linkage provides additional dump clearance.
- Optional 3rd and 4th valve hydraulics for work tools that require additional functions.
- Optional variable pitch fan and high debris cooling cores keep the cores free from debris.
- Five-speed transmission and lock-up clutch torque converter, powertrains deliver smooth shifting, fast acceleration, and speed on grade for greater performance and fuel efficiency.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

### Safety Features

- Rear-vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and inclined steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear-vision camera provide industry leading all-around visibility.

- Monitored seat belt is standard and can be enhanced with an optional exterior indicator.
- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

### Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 30%.\*
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

### Work in Comfort in the All New Cab

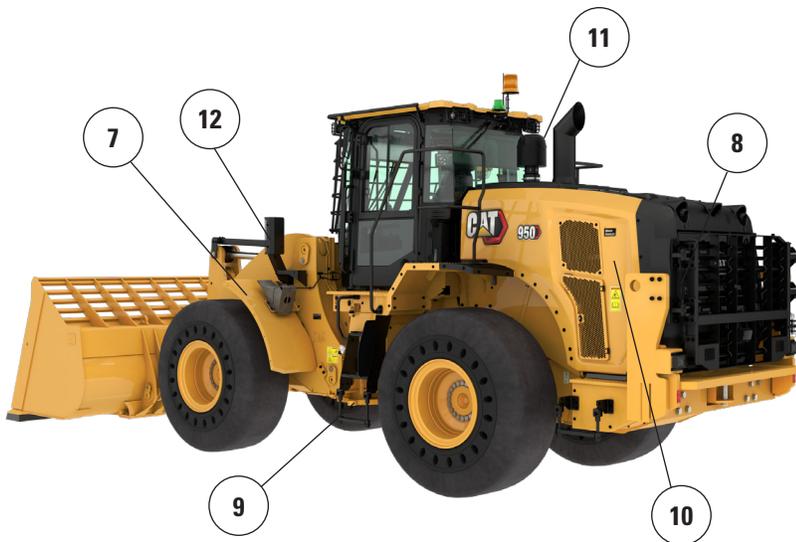
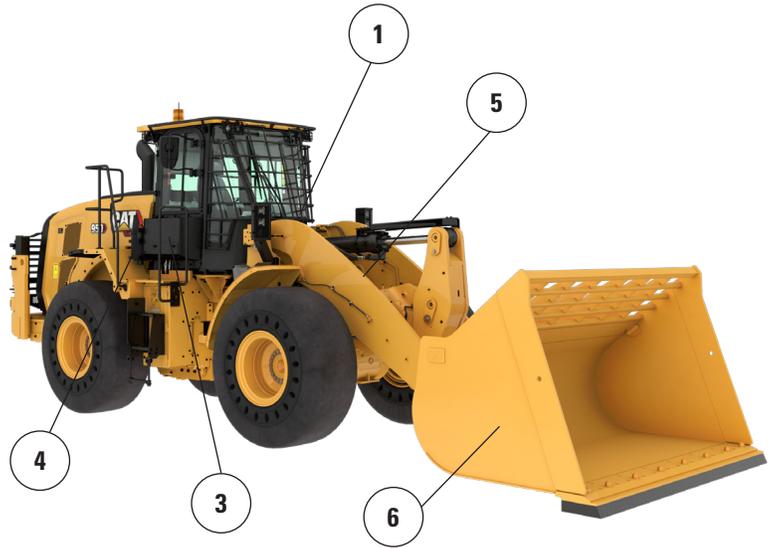
- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy. Standard in North America and optional in all other regions.
- The hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. Standard in all regions except North America. Limited optional availability for North America, consult your Cat dealer.

*\*Parts and fluids only.*

# 950 Waste & Scrap Handler Specifications

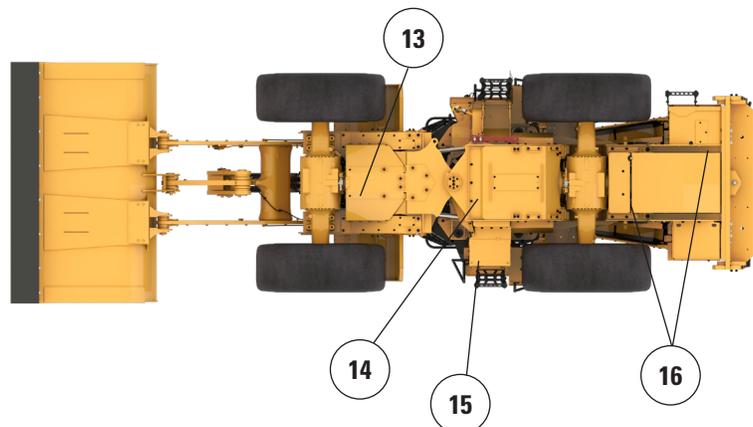
## 950 Waste and Scrap Handler Features

1. Optional window guarding to provide impact resistance to the glass
2. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
3. Carbon cab air filter removes harsh odors
4. Optional powered cab precleaner helps to improve cab filter life and keeps the cab pressurized
5. Optional 3<sup>rd</sup> and 4<sup>th</sup> valve hydraulics available to control a large variety of work tools
6. Large line of Cat waste and scrap work tools



7. Narrow front steel fenders help to keep the windshield clean and are set inboard of the outer edge of the tire for added protection
8. Optional rear guard protects the rear grill and cooling package from impact
9. Heavy-duty steel cable lower steps stand up to the harshest conditions
10. Optional variable pitch fan and high debris cooling cores help to keep the cooling package clean
11. Optional turbine engine air precleaner with a trash screen option helps to extend engine air filter life
12. Front lights are guarded and positioned close to the frame for added protection

13. Lower front frame guard protects vital drivetrain components and keeps trash from getting in the front frame compartment
14. Powertrain guard protects the transmission and helps keep trash out of the engine compartment
15. Lower hydraulic service center guard protects the transmission filter and keeps trash out of the service center
16. Rear crankcase and platform guards keep trash and debris out



# 950 Waste & Scrap Handler Specifications

## Tire Options

| Tire Brand   | BRAWLER         | BRAWLER            | BRIDGESTONE           | MAXAM                 | MICHELIN              |
|--|-----------------|--------------------|-----------------------|-----------------------|-----------------------|
| Tire Size  | 23.5X25         | 23.5X25            | 23.5R25               | 23.5R25               | 23.5R25               |
| Tread Type   | N/A             | N/A                | L-3                   | L-3                   | L-3                   |
| Tread Pattern  | SMOOTH          | TRACTION           | VJT                   | MS302                 | XHA2                  |
| Casing Strength  | SOLID           | SOLID              | *                     | **                    | **                    |
| Width over Tires – Maximum (empty)*                          | 2140 mm<br>7'1" | 2140 mm<br>7'1"    | 2804 mm<br>9'3"       | 2825 mm<br>9'4"       | 2823 mm<br>9'4"       |
| Width over Tires – Maximum (loaded)*                         | 2140 mm<br>7'1" | 2140 mm<br>7'1"    | 2825 mm<br>9'4"       | 2829 mm<br>9'4"       | 2830 mm<br>9'4"       |
| Change in Vertical Dimensions<br>(average of front and rear) |                 | 0 mm<br>0"         | -71 mm<br>-2.8"       | -54 mm<br>-2.1"       | -61 mm<br>-2.4"       |
| Change in Horizontal Reach                                   |                 | 0 mm<br>0"         | 15 mm<br>0.6"         | 1 mm<br>0"            | 9 mm<br>0.4"          |
| Change in Clearance Circle to Outside of Tires               |                 | 0 mm<br>0"         | 685 mm<br>27.0"       | 689 mm<br>27.1"       | 690 mm<br>27.2"       |
| Change in Clearance Circle to Inside of Tires                |                 | 0 mm<br>0"         | -685 mm<br>-27.0"     | -689 mm<br>-27.1"     | -690 mm<br>-27.2"     |
| Change in Operating Weight (without ballast)                 |                 | -144 kg<br>-318 lb | -3208 kg<br>-7,074 lb | -3208 kg<br>-7,074 lb | -3364 kg<br>-7,418 lb |
| Change in Static Tipping Load – Straight                     |                 | -96 kg<br>-212 lb  | -2037 kg<br>-4,492 lb | -2037 kg<br>-4,492 lb | -2136 kg<br>-4,710 lb |
| Change in Static Tipping Load – Articulated                  |                 | -84 kg<br>-185 lb  | -1780 kg<br>-3,926 lb | -1780 kg<br>-3,926 lb | -1867 kg<br>-4,117 lb |
| Rear Axle Oscillation Angle                                  | ±8 degrees      | ±8 degrees         | ±13 degrees           | ±13 degrees           | ±13 degrees           |
| Maximum Single-Wheel Rise and Fall                           | 298 mm<br>1'0"  | 298 mm<br>1'0"     | 481 mm<br>1'7"        | 481 mm<br>1'7"        | 481 mm<br>1'7"        |

\*Width over tire bulge and includes tire growth.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets

| Linkage  |                 | Standard Linkage         |                    |        |                       |                    |        |
|--|-----------------|--------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.10                     | 3.10               | 2.90   | 3.40                  | 3.40               | 3.20   |
|  | yd <sup>3</sup> | 4.00                     | 4.00               | 3.75   | 4.50                  | 4.50               | 4.25   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.40                     | 3.40               | 3.20   | 3.70                  | 3.70               | 3.50   |
|  | yd <sup>3</sup> | 4.50                     | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2929                     | 2811               | 2811   | 2872                  | 2753               | 2753   |
|  | ft/in           | 9'7"                     | 9'2"               | 9'2"   | 9'5"                  | 9'0"               | 9'0"   |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1420                     | 1531               | 1531   | 1464                  | 1573               | 1573   |
|  | ft/in           | 4'7"                     | 5'0"               | 5'0"   | 4'9"                  | 5'1"               | 5'1"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2679                     | 2840               | 2840   | 2752                  | 2913               | 2913   |
|  | ft/in           | 8'9"                     | 9'3"               | 9'3"   | 9'0"                  | 9'6"               | 9'6"   |
| A† Digging Depth   | mm              | 37                       | 37                 | 7      | 37                    | 37                 | 7      |
|  | in              | 1.4"                     | 1.4"               | 0.2"   | 1.4"                  | 1.4"               | 0.2"   |
| 12† Overall Length   | mm              | 8323                     | 8497               | 8497   | 8396                  | 8570               | 8570   |
|  | ft/in           | 27'4"                    | 27'11"             | 27'11" | 27'7"                 | 28'2"              | 28'2"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5578                     | 5578               | 5578   | 5650                  | 5650               | 5650   |
|  | ft/in           | 18'4"                    | 18'4"              | 18'4"  | 18'7"                 | 18'7"              | 18'7"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6733                     | 6819               | 6819   | 6755                  | 6842               | 6842   |
|  | ft/in           | 22'2"                    | 22'5"              | 22'5"  | 22'2"                 | 22'6"              | 22'6"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 16 393                   | 16 251             | 16 572 | 16 221                | 16 077             | 16 393 |
|  | lb              | 36,142                   | 35,828             | 36,536 | 35,762                | 35,445             | 36,141 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 14 324                   | 14 182             | 14 481 | 14 160                | 14 016             | 14 310 |
|  | lb              | 31,580                   | 31,266             | 31,926 | 31,218                | 30,901             | 31,549 |
| Breakout Force (§)   | kN              | 181                      | 180                | 197    | 171                   | 169                | 185    |
|  | lbf             | 40,817                   | 40,546             | 44,351 | 38,437                | 38,168             | 41,582 |
| Operating Weight*  | kg              | 23 045                   | 23 153             | 22 996 | 23 139                | 23 247             | 23 090 |
|  | lb              | 50,806                   | 51,044             | 50,698 | 51,012                | 51,250             | 50,904 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | Standard Linkage         |                    |        |                       |                    |        |
|--|-----------------|--------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                     | 3.60               | 3.40   | 3.80                  | 3.80               | 3.60   |
|  | yd <sup>3</sup> | 4.75                     | 4.75               | 4.50   | 5.00                  | 5.00               | 4.75   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                     | 4.00               | 3.70   | 4.20                  | 4.20               | 4.00   |
|  | yd <sup>3</sup> | 5.25                     | 5.25               | 4.75   | 5.50                  | 5.50               | 5.25   |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2846                     | 2726               | 2726   | 2811                  | 2691               | 2691   |
|  | ft/in           | 9'4"                     | 8'11"              | 8'11"  | 9'2"                  | 8'9"               | 8'9"   |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1486                     | 1595               | 1595   | 1515                  | 1623               | 1623   |
|  | ft/in           | 4'10"                    | 5'2"               | 5'2"   | 4'11"                 | 5'3"               | 5'3"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2787                     | 2948               | 2948   | 2833                  | 2994               | 2994   |
|  | ft/in           | 9'1"                     | 9'8"               | 9'8"   | 9'3"                  | 9'9"               | 9'9"   |
| A† Digging Depth   | mm              | 37                       | 37                 | 7      | 37                    | 37                 | 7      |
|  | in              | 1.4"                     | 1.4"               | 0.2"   | 1.4"                  | 1.4"               | 0.2"   |
| 12† Overall Length   | mm              | 8431                     | 8605               | 8605   | 8477                  | 8651               | 8651   |
|  | ft/in           | 27'8"                    | 28'3"              | 28'3"  | 27'10"                | 28'5"              | 28'5"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5683                     | 5683               | 5683   | 5731                  | 5731               | 5731   |
|  | ft/in           | 18'8"                    | 18'8"              | 18'8"  | 18'10"                | 18'10"             | 18'10" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6766                     | 6853               | 6853   | 6780                  | 6867               | 6867   |
|  | ft/in           | 22'3"                    | 22'6"              | 22'6"  | 22'3"                 | 22'7"              | 22'7"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 16 147                   | 16 002             | 16 314 | 16 041                | 15 896             | 16 203 |
|  | lb              | 35,598                   | 35,279             | 35,966 | 35,366                | 35,045             | 35,721 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 14 090                   | 13 945             | 14 235 | 13 990                | 13 844             | 14 130 |
|  | lb              | 31,063                   | 30,744             | 31,384 | 30,843                | 30,522             | 31,151 |
| Breakout Force (§)   | kN              | 166                      | 165                | 179    | 160                   | 159                | 172    |
|  | lbf             | 37,390                   | 37,121             | 40,371 | 36,084                | 35,816             | 38,868 |
| Operating Weight*  | kg              | 23 175                   | 23 283             | 23 126 | 23 230                | 23 338             | 23 181 |
|  | lb              | 51,092                   | 51,330             | 50,984 | 51,213                | 51,451             | 51,104 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Standard Linkage                   |                    |        |                       |                    |        |
|--|-----------------|------------------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Hook-On – Fusion |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges              | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.10                               | 3.10               | 2.90   | 3.40                  | 3.40               | 3.20   |
|  | yd <sup>3</sup> | 4.00                               | 4.00               | 3.75   | 4.50                  | 4.50               | 4.25   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.40                               | 3.40               | 3.20   | 3.70                  | 3.70               | 3.50   |
|  | yd <sup>3</sup> | 4.50                               | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Width  | mm              | 2927                               | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                               | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2890                               | 2771               | 2771   | 2832                  | 2713               | 2713   |
|  | ft/in           | 9'5"                               | 9'1"               | 9'1"   | 9'3"                  | 8'10"              | 8'10"  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1466                               | 1576               | 1576   | 1509                  | 1618               | 1618   |
|  | ft/in           | 4'9"                               | 5'2"               | 5'2"   | 4'11"                 | 5'3"               | 5'3"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2739                               | 2900               | 2900   | 2812                  | 2973               | 2973   |
|  | ft/in           | 8'11"                              | 9'6"               | 9'6"   | 9'2"                  | 9'9"               | 9'9"   |
| A† Digging Depth   | mm              | 37                                 | 37                 | 7      | 37                    | 37                 | 7      |
|  | in              | 1.4"                               | 1.4"               | 0.2"   | 1.4"                  | 1.4"               | 0.2"   |
| 12† Overall Length   | mm              | 8383                               | 8557               | 8557   | 8456                  | 8630               | 8630   |
|  | ft/in           | 27'7"                              | 28'1"              | 28'1"  | 27'9"                 | 28'4"              | 28'4"  |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5611                               | 5611               | 5611   | 5683                  | 5683               | 5683   |
|  | ft/in           | 18'5"                              | 18'5"              | 18'5"  | 18'8"                 | 18'8"              | 18'8"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6747                               | 6834               | 6834   | 6769                  | 6857               | 6857   |
|  | ft/in           | 22'2"                              | 22'6"              | 22'6"  | 22'3"                 | 22'6"              | 22'6"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 15 752                             | 15 610             | 15 982 | 15 612                | 15 469             | 15 838 |
|  | lb              | 34,728                             | 34,415             | 35,236 | 34,420                | 34,104             | 34,918 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 13 715                             | 13 573             | 13 924 | 13 583                | 13 439             | 13 788 |
|  | lb              | 30,236                             | 29,924             | 30,697 | 29,945                | 29,629             | 30,397 |
| Breakout Force (§)   | kN              | 172                                | 171                | 187    | 163                   | 162                | 176    |
|  | lbf             | 38,860                             | 38,590             | 42,070 | 36,698                | 36,430             | 39,572 |
| Operating Weight*  | kg              | 23 515                             | 23 623             | 23 466 | 23 585                | 23 693             | 23 536 |
|  | lb              | 51,841                             | 52,079             | 51,733 | 51,995                | 52,234             | 51,887 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | Standard Linkage                   |                    |        |                       |                    |        |
|--|-----------------|------------------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Hook-On – Fusion |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges              | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                               | 3.60               | 3.40   | 3.80                  | 3.80               | 3.60   |
|  | yd <sup>3</sup> | 4.75                               | 4.75               | 4.50   | 5.00                  | 5.00               | 4.75   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                               | 4.00               | 3.70   | 4.20                  | 4.20               | 4.00   |
|  | yd <sup>3</sup> | 5.25                               | 5.25               | 4.75   | 5.50                  | 5.50               | 5.25   |
| Width  | mm              | 2927                               | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                               | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| <b>16†</b> Dump Clearance at Maximum Lift and 45° Discharge  | mm              | 2806                               | 2686               | 2686   | 2771                  | 2651               | 2651   |
|  | ft/in           | 9'2"                               | 8'9"               | 8'9"   | 9'1"                  | 8'8"               | 8'8"   |
| <b>17†</b> Reach at Maximum Lift and 45° Discharge           | mm              | 1530                               | 1639               | 1639   | 1559                  | 1668               | 1668   |
|  | ft/in           | 5'0"                               | 5'4"               | 5'4"   | 5'1"                  | 5'5"               | 5'5"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 2847                               | 3008               | 3008   | 2893                  | 3054               | 3054   |
|  | ft/in           | 9'4"                               | 9'10"              | 9'10"  | 9'5"                  | 10'0"              | 10'0"  |
| <b>A†</b> Digging Depth                                      | mm              | 37                                 | 37                 | 7      | 37                    | 37                 | 7      |
|  | in              | 1.4"                               | 1.4"               | 0.2"   | 1.4"                  | 1.4"               | 0.2"   |
| <b>12†</b> Overall Length                                    | mm              | 8491                               | 8665               | 8665   | 8537                  | 8711               | 8711   |
|  | ft/in           | 27'11"                             | 28'6"              | 28'6"  | 28'1"                 | 28'7"              | 28'7"  |
| <b>B†</b> Overall Height with Bucket at Maximum Lift         | mm              | 5717                               | 5717               | 5717   | 5764                  | 5764               | 5764   |
|  | ft/in           | 18'10"                             | 18'10"             | 18'10" | 18'11"                | 18'11"             | 18'11" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6780                               | 6868               | 6868   | 6795                  | 6883               | 6883   |
|  | ft/in           | 22'3"                              | 22'7"              | 22'7"  | 22'4"                 | 22'7"              | 22'7"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 15 543                             | 15 399             | 15 767 | 15 452                | 15 307             | 15 674 |
|  | lb              | 34,267                             | 33,950             | 34,762 | 34,066                | 33,747             | 34,555 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 13 517                             | 13 373             | 13 721 | 13 431                | 13 286             | 13 632 |
|  | lb              | 29,801                             | 29,484             | 30,250 | 29,611                | 29,291             | 30,055 |
| Breakout Force(§)  | kN              | 159                                | 157                | 171    | 153                   | 152                | 165    |
|  | lbf             | 35,736                             | 35,469             | 38,467 | 34,537                | 34,271             | 37,095 |
| Operating Weight*  | kg              | 23 619                             | 23 727             | 23 570 | 23 664                | 23 772             | 23 615 |
|  | lb              | 52,071                             | 52,309             | 51,963 | 52,170                | 52,408             | 52,062 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets (continued)

| Linkage   |                 | Standard Linkage                |                                   |                         |                                   |                         |
|---|-----------------|---------------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|
| Bucket Type   |                 | High Dump –<br>Hook-On – Fusion | Waste, Load and Carry – Pin-On    |                         | Waste, Dozing – Pin-On            |                         |
|   |                 | Bolt-On<br>Cutting Edges        | Steel<br>Bolt-On<br>Cutting Edges | Rubber<br>Cutting Edges | Steel<br>Bolt-On<br>Cutting Edges | Rubber<br>Cutting Edges |
| Capacity – Rated  | m <sup>3</sup>  | 6.10                            | 6.10                              | 6.10                    | 5.40                              | 5.40                    |
|   | yd <sup>3</sup> | 8.00                            | 8.00                              | 8.00                    | 7.00                              | 7.00                    |
| Capacity – Rated at 110% Fill Factor                            | m <sup>3</sup>  | 6.70                            | 6.70                              | 6.70                    | 5.90                              | 5.90                    |
|   | yd <sup>3</sup> | 8.75                            | 8.75                              | 8.75                    | 7.75                              | 7.75                    |
| Width   | mm              | 2910                            | 3059                              | 3059                    | 3059                              | 3032                    |
|   | ft/in           | 9'6"                            | 10'0"                             | 10'0"                   | 10'0"                             | 9'11"                   |
| 16† Dump Clearance at Maximum Lift<br>and 45° Discharge         | mm              | 2390                            | 2519                              | 2422                    | 2786                              | 2688                    |
|   | ft/in           | 7'10"                           | 8'3"                              | 7'11"                   | 9'1"                              | 8'9"                    |
| 17† Reach at Maximum Lift and<br>45° Discharge                  | mm              | 1727                            | 1685                              | 1624                    | 1418                              | 1358                    |
|   | ft/in           | 5'8"                            | 5'6"                              | 5'3"                    | 4'7"                              | 4'5"                    |
| Reach at Level Lift Arm and<br>Bucket Level                     | mm              | 3296                            | 3174                              | 3199                    | 2797                              | 2823                    |
|   | ft/in           | 10'9"                           | 10'4"                             | 10'5"                   | 9'2"                              | 9'3"                    |
| A† Digging Depth  | mm              | 103                             | 7                                 | 7                       | 42                                | 154                     |
|   | in              | 4"                              | 0.2"                              | 0.2"                    | 1.6"                              | 6"                      |
| 12† Overall Length  | mm              | 8990                            | 8822                              | 8930                    | 8445                              | 8554                    |
|   | ft/in           | 29'6"                           | 29'0"                             | 29'4"                   | 27'9"                             | 28'1"                   |
| B† Overall Height with Bucket at<br>Maximum Lift                | mm              | 6139                            | 5932                              | 5932                    | 6139                              | 6139                    |
|   | ft/in           | 20'2"                           | 19'6"                             | 19'6"                   | 20'2"                             | 20'2"                   |
| Loader Clearance Circle Radius<br>with Bucket at Carry Position | mm              | 6946                            | 6949                              | 7001                    | 6826                              | 6868                    |
|   | ft/in           | 22'10"                          | 22'10"                            | 23'0"                   | 22'5"                             | 22'7"                   |
| Static Tipping Load, Straight<br>(No tire deflection)           | kg              | 13 446                          | 14 892                            | 14 849                  | 15 978                            | 15 934                  |
|   | lb              | 29,643                          | 32,833                            | 32,737                  | 35,227                            | 35,128                  |
| Static Tipping Load, Articulated<br>(No tire deflection)        | kg              | 11 542                          | 12 899                            | 12 855                  | 13 853                            | 13 808                  |
|   | lb              | 25,445                          | 28,437                            | 28,341                  | 30,541                            | 30,442                  |
| Breakout Force(§)   | kN              | 114                             | 131                               | 129                     | 162                               | 158                     |
|   | lbf             | 25,759                          | 29,444                            | 29,188                  | 36,502                            | 35,523                  |
| Operating Weight*   | kg              | 24 654                          | 23 894                            | 23 932                  | 24 022                            | 24 052                  |
|   | lb              | 54,353                          | 52,678                            | 52,761                  | 52,959                            | 53,025                  |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | Standard Linkage            |                      |
|--|-----------------|-----------------------------|----------------------|
| Bucket Type  |                 | Waste, Top Clamp – Pin-On   |                      |
| Edge Type  |                 | Steel Bolt-On Cutting Edges | Rubber Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 4.40                        | 4.40                 |
|  | yd <sup>3</sup> | 5.75                        | 5.75                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.80                        | 4.80                 |
|  | yd <sup>3</sup> | 6.25                        | 6.25                 |
| Width  | mm              | 3059                        | 3059                 |
|  | ft/in           | 10'0"                       | 10'0"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2302                        | 2204                 |
|  | ft/in           | 7'6"                        | 7'2"                 |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1891                        | 1831                 |
|  | ft/in           | 6'2"                        | 6'0"                 |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3474                        | 3500                 |
|  | ft/in           | 11'4"                       | 11'5"                |
| A† Digging Depth   | mm              | 15                          | 15                   |
|  | in              | 0.5"                        | 0.5"                 |
| 12† Overall Length   | mm              | 9128                        | 9236                 |
|  | ft/in           | 30'0"                       | 30'4"                |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 5333                        | 5333                 |
|  | ft/in           | 17'6"                       | 17'6"                |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7307                        | 7363                 |
|  | ft/in           | 24'0"                       | 24'2"                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 10 312                      | 10 373               |
|  | lb              | 22,734                      | 22,870               |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 8755                        | 8816                 |
|  | lb              | 19,301                      | 19,437               |
| Breakout Force (§)   | kN              | 25                          | 33                   |
|  | lbf             | 5,683                       | 7,515                |
| Operating Weight*  | kg              | 24 891                      | 24 819               |
|  | lb              | 54,876                      | 54,717               |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | High Lift Linkage        |                    |        |                       |                    |        |
|--|-----------------|--------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.10                     | 3.10               | 2.90   | 3.40                  | 3.40               | 3.20   |
|  | yd <sup>3</sup> | 4.00                     | 4.00               | 3.75   | 4.50                  | 4.50               | 4.25   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.40                     | 3.40               | 3.20   | 3.70                  | 3.70               | 3.50   |
|  | yd <sup>3</sup> | 4.50                     | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 3434                     | 3316               | 3316   | 3378                  | 3258               | 3258   |
|  | ft/in           | 11'3"                    | 10'10"             | 10'10" | 11'0"                 | 10'8"              | 10'8"  |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1456                     | 1566               | 1566   | 1499                  | 1609               | 1609   |
|  | ft/in           | 4'9"                     | 5'1"               | 5'1"   | 4'11"                 | 5'3"               | 5'3"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3054                     | 3215               | 3215   | 3127                  | 3288               | 3288   |
|  | ft/in           | 10'0"                    | 10'6"              | 10'6"  | 10'3"                 | 10'9"              | 10'9"  |
| <b>A</b> † Digging Depth                                     | mm              | 41                       | 41                 | 11     | 41                    | 41                 | 11     |
|  | in              | 1.6"                     | 1.6"               | 0.4"   | 1.6"                  | 1.6"               | 0.4"   |
| <b>12</b> † Overall Length                                   | mm              | 8783                     | 8955               | 8955   | 8856                  | 9028               | 9028   |
|  | ft/in           | 28'10"                   | 29'5"              | 29'5"  | 29'1"                 | 29'8"              | 29'8"  |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 6083                     | 6083               | 6083   | 6155                  | 6155               | 6155   |
|  | ft/in           | 20'0"                    | 20'0"              | 20'0"  | 20'3"                 | 20'3"              | 20'3"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6932                     | 7022               | 7022   | 6955                  | 7046               | 7046   |
|  | ft/in           | 22'9"                    | 23'1"              | 23'1"  | 22'10"                | 23'2"              | 23'2"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 600                   | 13 463             | 13 739 | 13 443                | 13 304             | 13 576 |
|  | lb              | 29,984                   | 29,681             | 30,291 | 29,636                | 29,330             | 29,931 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 832                   | 11 694             | 11 954 | 11 681                | 11 542             | 11 798 |
|  | lb              | 26,085                   | 25,782             | 26,355 | 25,752                | 25,446             | 26,010 |
| Breakout Force (§)   | kN              | 172                      | 171                | 187    | 162                   | 161                | 175    |
|  | lbf             | 38,692                   | 38,449             | 42,076 | 36,426                | 36,184             | 39,439 |
| Operating Weight*  | kg              | 23 296                   | 23 404             | 23 247 | 23 389                | 23 497             | 23 340 |
|  | lb              | 51,358                   | 51,596             | 51,250 | 51,564                | 51,802             | 51,456 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage        |                    |        |                       |                    |        |
|--|-----------------|--------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Pin-On |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges    | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                     | 3.60               | 3.40   | 3.80                  | 3.80               | 3.60   |
|  | yd <sup>3</sup> | 4.75                     | 4.75               | 4.50   | 5.00                  | 5.00               | 4.75   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                     | 4.00               | 3.70   | 4.20                  | 4.20               | 4.00   |
|  | yd <sup>3</sup> | 5.25                     | 5.25               | 4.75   | 5.50                  | 5.50               | 5.25   |
| Width  | mm              | 2927                     | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                     | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 3351                     | 3232               | 3232   | 3317                  | 3197               | 3197   |
|  | ft/in           | 10'11"                   | 10'7"              | 10'7"  | 10'10"                | 10'5"              | 10'5"  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1521                     | 1630               | 1630   | 1550                  | 1659               | 1659   |
|  | ft/in           | 4'11"                    | 5'4"               | 5'4"   | 5'1"                  | 5'5"               | 5'5"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3162                     | 3323               | 3323   | 3208                  | 3369               | 3369   |
|  | ft/in           | 10'4"                    | 10'10"             | 10'10" | 10'6"                 | 11'0"              | 11'0"  |
| A† Digging Depth   | mm              | 41                       | 41                 | 11     | 41                    | 41                 | 11     |
|  | in              | 1.6"                     | 1.6"               | 0.4"   | 1.6"                  | 1.6"               | 0.4"   |
| 12† Overall Length   | mm              | 8891                     | 9063               | 9063   | 8937                  | 9109               | 9109   |
|  | ft/in           | 29'3"                    | 29'9"              | 29'9"  | 29'4"                 | 29'11"             | 29'11" |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6189                     | 6189               | 6189   | 6236                  | 6236               | 6236   |
|  | ft/in           | 20'4"                    | 20'4"              | 20'4"  | 20'6"                 | 20'6"              | 20'6"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6966                     | 7058               | 7058   | 6981                  | 7073               | 7073   |
|  | ft/in           | 22'11"                   | 23'2"              | 23'2"  | 22'11"                | 23'3"              | 23'3"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 375                   | 13 236             | 13 505 | 13 279                | 13 139             | 13 404 |
|  | lb              | 29,488                   | 29,180             | 29,774 | 29,277                | 28,968             | 29,552 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 617                   | 11 477             | 11 730 | 11 525                | 11 385             | 11 634 |
|  | lb              | 25,611                   | 25,303             | 25,861 | 25,409                | 25,101             | 25,650 |
| Breakout Force (§)   | kN              | 157                      | 156                | 170    | 152                   | 151                | 163    |
|  | lbf             | 35,429                   | 35,187             | 38,285 | 34,186                | 33,944             | 36,854 |
| Operating Weight*  | kg              | 23 426                   | 23 534             | 23 377 | 23 480                | 23 588             | 23 431 |
|  | lb              | 51,644                   | 51,882             | 51,536 | 51,765                | 52,003             | 51,657 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | High Lift Linkage                  |                    |        |                       |                    |        |
|--|-----------------|------------------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Hook-On – Fusion |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges              | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.10                               | 3.10               | 2.90   | 3.40                  | 3.40               | 3.20   |
|  | yd <sup>3</sup> | 4.00                               | 4.00               | 3.75   | 4.50                  | 4.50               | 4.25   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 3.40                               | 3.40               | 3.20   | 3.70                  | 3.70               | 3.50   |
|  | yd <sup>3</sup> | 4.50                               | 4.50               | 4.25   | 4.75                  | 4.75               | 4.50   |
| Width  | mm              | 2927                               | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                               | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 3395                               | 3277               | 3277   | 3338                  | 3219               | 3219   |
|  | ft/in           | 11'1"                              | 10'9"              | 10'9"  | 10'11"                | 10'6"              | 10'6"  |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1501                               | 1612               | 1612   | 1544                  | 1654               | 1654   |
|  | ft/in           | 4'11"                              | 5'3"               | 5'3"   | 5'0"                  | 5'5"               | 5'5"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3114                               | 3275               | 3275   | 3187                  | 3348               | 3348   |
|  | ft/in           | 10'2"                              | 10'8"              | 10'8"  | 10'5"                 | 10'11"             | 10'11" |
| <b>A</b> † Digging Depth                                     | mm              | 41                                 | 41                 | 11     | 41                    | 41                 | 11     |
|  | in              | 1.6"                               | 1.6"               | 0.4"   | 1.6"                  | 1.6"               | 0.4"   |
| <b>12</b> † Overall Length                                   | mm              | 8843                               | 9015               | 9015   | 8916                  | 9088               | 9088   |
|  | ft/in           | 29'1"                              | 29'7"              | 29'7"  | 29'4"                 | 29'10"             | 29'10" |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 6116                               | 6116               | 6116   | 6188                  | 6188               | 6188   |
|  | ft/in           | 20'1"                              | 20'1"              | 20'1"  | 20'4"                 | 20'4"              | 20'4"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6941                               | 7032               | 7032   | 6964                  | 7056               | 7056   |
|  | ft/in           | 22'10"                             | 23'1"              | 23'1"  | 22'11"                | 23'2"              | 23'2"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 13 016                             | 12 879             | 13 199 | 12 889                | 12 751             | 13 068 |
|  | lb              | 28,696                             | 28,394             | 29,098 | 28,416                | 28,111             | 28,812 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 272                             | 11 135             | 11 438 | 11 151                | 11 013             | 11 315 |
|  | lb              | 24,850                             | 24,548             | 25,217 | 24,584                | 24,279             | 24,945 |
| Breakout Force (§)   | kN              | 163                                | 162                | 177    | 154                   | 153                | 166    |
|  | lbf             | 36,829                             | 36,587             | 39,905 | 34,772                | 34,530             | 37,526 |
| Operating Weight*  | kg              | 23 766                             | 23 874             | 23 717 | 23 835                | 23 943             | 23 786 |
|  | lb              | 52,393                             | 52,632             | 52,285 | 52,548                | 52,786             | 52,440 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | High Lift Linkage                  |                    |        |                       |                    |        |
|--|-----------------|------------------------------------|--------------------|--------|-----------------------|--------------------|--------|
| Bucket Type  |                 | General Purpose – Hook-On – Fusion |                    |        |                       |                    |        |
| Edge Type  |                 | Bolt-On Cutting Edges              | Teeth and Segments | Tips   | Bolt-On Cutting Edges | Teeth and Segments | Tips   |
| Capacity – Rated   | m <sup>3</sup>  | 3.60                               | 3.60               | 3.40   | 3.80                  | 3.80               | 3.60   |
|  | yd <sup>3</sup> | 4.75                               | 4.75               | 4.50   | 5.00                  | 5.00               | 4.75   |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.00                               | 4.00               | 3.70   | 4.20                  | 4.20               | 4.00   |
|  | yd <sup>3</sup> | 5.25                               | 5.25               | 4.75   | 5.50                  | 5.50               | 5.25   |
| Width  | mm              | 2927                               | 2994               | 2994   | 2927                  | 2994               | 2994   |
|  | ft/in           | 9'7"                               | 9'9"               | 9'9"   | 9'7"                  | 9'9"               | 9'9"   |
| <b>16†</b> Dump Clearance at Maximum Lift and 45° Discharge  | mm              | 3311                               | 3192               | 3192   | 3277                  | 3157               | 3157   |
|  | ft/in           | 10'10"                             | 10'5"              | 10'5"  | 10'9"                 | 10'4"              | 10'4"  |
| <b>17†</b> Reach at Maximum Lift and 45° Discharge           | mm              | 1566                               | 1675               | 1675   | 1595                  | 1703               | 1703   |
|  | ft/in           | 5'1"                               | 5'5"               | 5'5"   | 5'2"                  | 5'7"               | 5'7"   |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3222                               | 3383               | 3383   | 3268                  | 3429               | 3429   |
|  | ft/in           | 10'6"                              | 11'1"              | 11'1"  | 10'8"                 | 11'3"              | 11'3"  |
| <b>A†</b> Digging Depth                                      | mm              | 41                                 | 41                 | 11     | 41                    | 41                 | 11     |
|  | in              | 1.6"                               | 1.6"               | 0.4"   | 1.6"                  | 1.6"               | 0.4"   |
| <b>12†</b> Overall Length                                    | mm              | 8951                               | 9123               | 9123   | 8997                  | 9169               | 9169   |
|  | ft/in           | 29'5"                              | 30'0"              | 30'0"  | 29'7"                 | 30'1"              | 30'1"  |
| <b>B†</b> Overall Height with Bucket at Maximum Lift         | mm              | 6222                               | 6222               | 6222   | 6270                  | 6270               | 6270   |
|  | ft/in           | 20'5"                              | 20'5"              | 20'5"  | 20'7"                 | 20'7"              | 20'7"  |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 6976                               | 7067               | 7067   | 6991                  | 7083               | 7083   |
|  | ft/in           | 22'11"                             | 23'3"              | 23'3"  | 23'0"                 | 23'3"              | 23'3"  |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 12 826                             | 12 687             | 13 004 | 12 743                | 12 604             | 12 920 |
|  | lb              | 28,278                             | 27,971             | 28,670 | 28,095                | 27,787             | 28,484 |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 11 091                             | 10 953             | 11 254 | 11 013                | 10 873             | 11 174 |
|  | lb              | 24,453                             | 24,147             | 24,811 | 24,280                | 23,972             | 24,635 |
| Breakout Force(§)  | kN              | 150                                | 149                | 162    | 145                   | 144                | 156    |
|  | lbf             | 33,856                             | 33,614             | 36,474 | 32,715                | 32,473             | 35,167 |
| Operating Weight*  | kg              | 23 870                             | 23 978             | 23 821 | 23 915                | 24 023             | 23 866 |
|  | lb              | 52,623                             | 52,861             | 52,515 | 52,722                | 52,960             | 52,614 |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage   |                 | High Lift Linkage               |                                   |                         |                                   |                         |
|---|-----------------|---------------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|
| Bucket Type   |                 | High Dump –<br>Hook-On – Fusion | Waste, Load and<br>Carry – Pin-On |                         | Waste, Dozing – Pin-On            |                         |
|   |                 | Bolt-On<br>Cutting Edges        | Steel<br>Bolt-On<br>Cutting Edges | Rubber<br>Cutting Edges | Steel<br>Bolt-On<br>Cutting Edges | Rubber<br>Cutting Edges |
| Capacity – Rated  | m <sup>3</sup>  | 6.10                            | 6.10                              | 6.10                    | 5.40                              | 5.40                    |
|   | yd <sup>3</sup> | 8.00                            | 8.00                              | 8.00                    | 7.00                              | 7.00                    |
| Capacity – Rated at 110% Fill Factor                            | m <sup>3</sup>  | 6.70                            | 6.70                              | 6.70                    | 5.90                              | 5.90                    |
|   | yd <sup>3</sup> | 8.75                            | 8.75                              | 8.75                    | 7.75                              | 7.75                    |
| Width   | mm              | 2910                            | 3059                              | 3059                    | 3059                              | 3032                    |
|   | ft/in           | 9'6"                            | 10'0"                             | 10'0"                   | 10'0"                             | 9'11"                   |
| <b>16†</b> Dump Clearance at Maximum Lift<br>and 45° Discharge  | mm              | 2895                            | 3025                              | 2928                    | 3291                              | 3193                    |
|   | ft/in           | 9'6"                            | 9'11"                             | 9'7"                    | 10'9"                             | 10'5"                   |
| <b>17†</b> Reach at Maximum Lift and<br>45° Discharge           | mm              | 1763                            | 1720                              | 1659                    | 1454                              | 1393                    |
|   | ft/in           | 5'9"                            | 5'7"                              | 5'5"                    | 4'9"                              | 4'6"                    |
| Reach at Level Lift Arm and<br>Bucket Level                     | mm              | 3671                            | 3549                              | 3574                    | 3172                              | 3198                    |
|   | ft/in           | 12'0"                           | 11'7"                             | 11'8"                   | 10'4"                             | 10'5"                   |
| <b>A†</b> Digging Depth   | mm              | 108                             | 11                                | 11                      | 46                                | 158                     |
|   | in              | 4.2"                            | 0.4"                              | 0.4"                    | 1.8"                              | 6.2"                    |
| <b>12†</b> Overall Length                                       | mm              | 9442                            | 9281                              | 9376                    | 8904                              | 9000                    |
|   | ft/in           | 31'0"                           | 30'6"                             | 30'10"                  | 29'3"                             | 29'7"                   |
| <b>B†</b> Overall Height with Bucket at<br>Maximum Lift         | mm              | 6645                            | 6437                              | 6437                    | 6644                              | 6644                    |
|   | ft/in           | 21'10"                          | 21'2"                             | 21'2"                   | 21'10"                            | 21'10"                  |
| Loader Clearance Circle Radius<br>with Bucket at Carry Position | mm              | 7160                            | 7154                              | 7230                    | 7020                              | 7081                    |
|   | ft/in           | 23'6"                           | 23'6"                             | 23'9"                   | 23'1"                             | 23'3"                   |
| Static Tipping Load, Straight<br>(No tire deflection)           | kg              | 10 972                          | 12 234                            | 12 191                  | 12 991                            | 12 949                  |
|   | lb              | 24,189                          | 26,971                            | 26,877                  | 28,642                            | 28,548                  |
| Static Tipping Load, Articulated<br>(No tire deflection)        | kg              | 9333                            | 10 526                            | 10 483                  | 11 188                            | 11 146                  |
|   | lb              | 20,577                          | 23,206                            | 23,113                  | 24,666                            | 24,573                  |
| Breakout Force(§)   | kN              | 108                             | 123                               | 123                     | 153                               | 150                     |
|   | lbf             | 24,407                          | 27,840                            | 27,759                  | 34,563                            | 33,827                  |
| Operating Weight*   | kg              | 24 905                          | 24 145                            | 24 183                  | 24 272                            | 24 302                  |
|   | lb              | 54,905                          | 53,230                            | 53,313                  | 53,511                            | 53,577                  |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Waste & Scrap Handler Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | High Lift Linkage           |                      |
|--|-----------------|-----------------------------|----------------------|
| Bucket Type  |                 | Waste, Top Clamp – Pin-On   |                      |
| Edge Type  |                 | Steel Bolt-On Cutting Edges | Rubber Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 4.40                        | 4.40                 |
|  | yd <sup>3</sup> | 5.75                        | 5.75                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 4.80                        | 4.80                 |
|  | yd <sup>3</sup> | 6.25                        | 6.25                 |
| Width  | mm              | 3059                        | 3059                 |
|  | ft/in           | 10'0"                       | 10'0"                |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 2807                        | 2709                 |
|  | ft/in           | 9'2"                        | 8'10"                |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 1927                        | 1866                 |
|  | ft/in           | 6'3"                        | 6'1"                 |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3849                        | 3875                 |
|  | ft/in           | 12'7"                       | 12'8"                |
| <b>A</b> † Digging Depth                                     | mm              | 19                          | 19                   |
|  | in              | 0.7"                        | 0.7"                 |
| <b>12</b> † Overall Length                                   | mm              | 9586                        | 9681                 |
|  | ft/in           | 31'6"                       | 31'10"               |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 5838                        | 5838                 |
|  | ft/in           | 19'2"                       | 19'2"                |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7573                        | 7624                 |
|  | ft/in           | 24'11"                      | 25'1"                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 8651                        | 8714                 |
|  | lb              | 19,072                      | 19,211               |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 7266                        | 7329                 |
|  | lb              | 16,019                      | 16,158               |
| Breakout Force (§)   | kN              | 26                          | 33                   |
|  | lbf             | 6,030                       | 7,446                |
| Operating Weight*  | kg              | 25 142                      | 25 070               |
|  | lb              | 55,428                      | 55,269               |

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 23.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1460 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), powertrain guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.



# 950

## Forestry Machine

**The Cat 950 Wheel Loader Forestry package provides the additional performance, productivity, and safety that is demanded in the woods and the millyard.**

### Proven Reliability

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with diesel particulate filter (DPF), and diesel exhaust fluid (DEF) tank and pump.
- Features an electric fuel priming pump, fuel-water separator, and secondary fuel filter.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

### Durability

- Heavy-duty axles are designed to handle extreme applications.
- Automatic countershaft powershift (5F/3R) transmission features durable, long-lasting components.

### Achieve Greater Fuel Efficiency and Productivity

- Forestry package includes additional counterweight, larger lift cylinders, and larger tilt cylinders.
- Optional variable pitch fan and high debris coolers minimize the potential for overheating and reduce downtime for radiator clean out in high debris applications.
- Optional 3rd and 4th valve auxiliary hydraulics to control work tools requiring the additional function.
- Five-speed transmission and lock-up clutch torque converter, powertrains deliver smooth shifting, fast acceleration, and speed on grade for greater performance and fuel efficiency.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

### Safety Features

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.

- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.

### Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 30%.\*
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat app helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

### Work in Comfort in the All New Cab

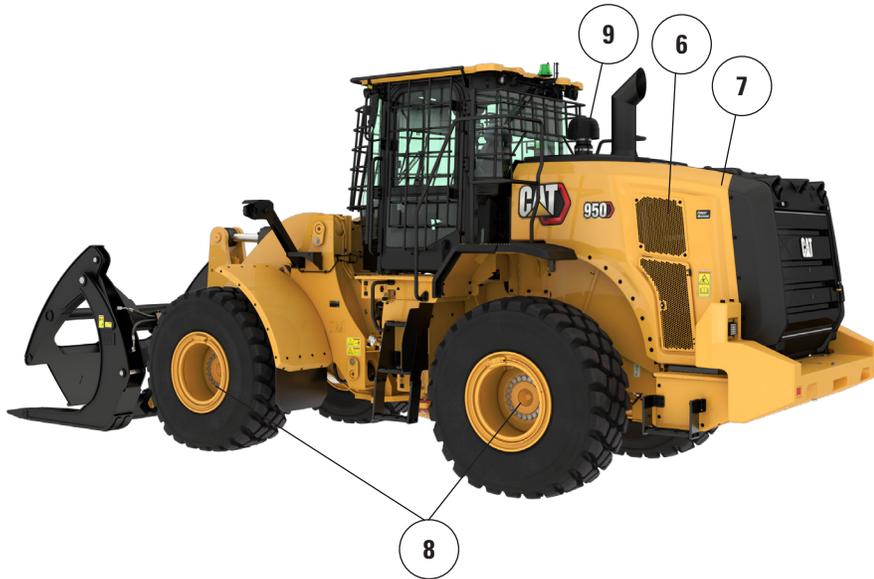
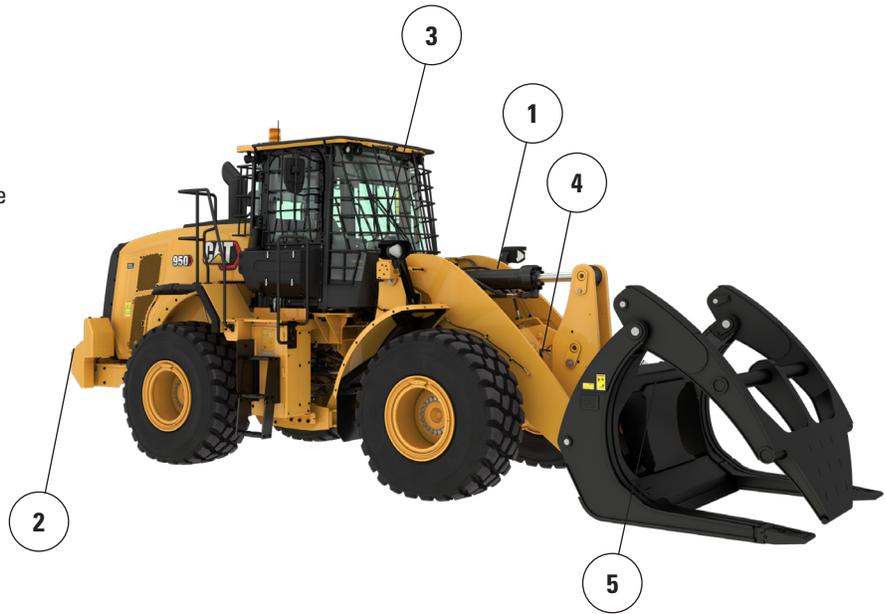
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy. Standard in North America and optional in all other regions.
- The hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. Standard in all regions except North America. Limited optional availability for North America, consult your Cat dealer.

*\*Parts and fluids only.*

# 950 Forestry Machine Specifications

## 950 Forestry Machine Features

1. Larger tilt cylinder and larger lift cylinders for increased load control in fork applications
2. Heavier counterweight provides increased tipping loads in a millyard application
3. Optional window guarding to provide impact resistance to the glass
4. Optional 3<sup>rd</sup> and 4<sup>th</sup> function hydraulics provide auxiliary hydraulic control for work tools like millyard or logging forks
5. Wide range of millyard work tools



6. Optional variable pitch fan helps to keep rear grill and cooling cores clean in high debris applications
7. Optional high debris/wide fin spacing cooling cores are less prone to plugging
8. Optional axle oil cooler provides lower axle oil temperatures in high braking applications
9. Optional engine and cab precleaners for use in high debris applications

# 950 Forestry Machine Specifications

## Tire Options

| Tire Brand   | BRIDGESTONE     | MICHELIN           | MICHELIN           | BRIDGESTONE        | MAXAM           |
|--|-----------------|--------------------|--------------------|--------------------|-----------------|
| Tire Size  | 23.5R25         | 23.5R25            | 750/65R25          | 750/65R25          | 23.5R25         |
| Tread Type   | L-3             | L-3                | L-3                | L-3                | L-3             |
| Tread Pattern  | VJT             | XHA2               | XLD                | VTS                | MS302           |
| Casing Strength  | *               | *                  | *                  | *                  | **              |
| Width over Tires – Maximum (empty)*                          | 2800 mm<br>9'3" | 2816 mm<br>9'3"    | 2934 mm<br>9'8"    | 2930 mm<br>9'8"    | 2820 mm<br>9'4" |
| Width over Tires – Maximum (loaded)*                         | 2824 mm<br>9'4" | 2828 mm<br>9'4"    | 2968 mm<br>9'9"    | 2951 mm<br>9'9"    | 2828 mm<br>9'4" |
| Change in Vertical Dimensions<br>(average of front and rear) |                 | 10 mm<br>0.4"      | 12 mm<br>0.5"      | 19 mm<br>0.7"      | 14 mm<br>0.5"   |
| Change in Horizontal Reach                                   |                 | -6 mm<br>-0.2"     | 5 mm<br>0.2"       | -4 mm<br>-0.2"     | -15 mm<br>-0.6" |
| Change in Clearance Circle to Outside of Tires               |                 | 4 mm<br>0.2"       | 144 mm<br>5.7"     | 128 mm<br>5"       | 4 mm<br>0.2"    |
| Change in Clearance Circle to Inside of Tires                |                 | -4 mm<br>-0.2"     | -144 mm<br>-5.7"   | -128 mm<br>-5"     | -4 mm<br>-0.2"  |
| Change in Operating Weight (without ballast)                 |                 | -156 kg<br>-344 lb | 633 kg<br>1,395 lb | 737 kg<br>1,625 lb | 0 kg<br>0 lb    |
| Change in Static Tipping Load – Straight                     |                 | -104 kg<br>-229 lb | 421 kg<br>928 lb   | 490 kg<br>1,080 lb | 0 kg<br>0 lb    |
| Change in Static Tipping Load – Articulated                  |                 | -90 kg<br>-200 lb  | 367 kg<br>809 lb   | 427 kg<br>942 lb   | 0 kg<br>0 lb    |
| Rear Axle Oscillation Angle                                  | ±13 degrees     | ±13 degrees        | ±8 degrees         | ±8 degrees         | ±13 degrees     |
| Maximum Single-Wheel Rise and Fall                           | 481 mm<br>1'7"  | 481 mm<br>1'7"     | 298 mm<br>1'0"     | 298 mm<br>1'0"     | 481 mm<br>1'7"  |

\*Width over tire bulge and includes tire growth.

# 950 Forestry Machine Specifications

## Operating Specifications – Buckets

| Linkage  |                 | Forestry Linkage      |                       |                       |
|--|-----------------|-----------------------|-----------------------|-----------------------|
| Bucket Type  |                 | High Dump – Pin-On    |                       |                       |
| Edge Type  |                 | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 6.10                  | 7.60                  | 9.20                  |
|  | yd <sup>3</sup> | 8.00                  | 10.00                 | 12.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 6.70                  | 8.40                  | 10.10                 |
|  | yd <sup>3</sup> | 8.75                  | 11.00                 | 13.25                 |
| Width  | mm              | 3037                  | 3350                  | 3350                  |
|  | ft/in           | 9'11"                 | 10'11"                | 10'11"                |
| <b>16†</b> Dump Clearance at Maximum Lift and 45° Discharge  | mm              | 2350                  | 2279                  | 2138                  |
|  | ft/in           | 7'8"                  | 7'5"                  | 7'0"                  |
| <b>17†</b> Reach at Maximum Lift and 45° Discharge           | mm              | 1815                  | 1885                  | 2027                  |
|  | ft/in           | 5'11"                 | 6'2"                  | 6'7"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3378                  | 3478                  | 3678                  |
|  | ft/in           | 11'1"                 | 11'4"                 | 12'0"                 |
| <b>A†</b> Digging Depth                                      | mm              | 72                    | 72                    | 72                    |
|  | in              | 2.8"                  | 2.8"                  | 2.8"                  |
| <b>12†</b> Overall Length                                    | mm              | 9027                  | 9127                  | 9327                  |
|  | ft/in           | 29'8"                 | 30'0"                 | 30'8"                 |
| <b>B†</b> Overall Height with Bucket at Maximum Lift         | mm              | 5988                  | 6075                  | 6276                  |
|  | ft/in           | 19'8"                 | 20'0"                 | 20'8"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7001                  | 7171                  | 7239                  |
|  | ft/in           | 23'0"                 | 23'7"                 | 23'9"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 11 733                | 11 412                | 11 075                |
|  | lb              | 25,867                | 25,160                | 24,416                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 12 552                | 12 231                | 11 898                |
|  | lb              | 27,673                | 26,966                | 26,232                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9909                  | 9600                  | 9281                  |
|  | lb              | 21,846                | 21,164                | 20,462                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10 738                | 10 429                | 10 115                |
|  | lb              | 23,674                | 22,992                | 22,300                |
| Breakout Force (§)   | kN              | 133                   | 124                   | 111                   |
|  | lbf             | 29,908                | 28,022                | 25,045                |
| Operating Weight*  | kg              | 20 900                | 21 129                | 21 302                |
|  | lb              | 46,076                | 46,580                | 46,962                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Forestry Machine Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | Forestry Linkage             |                       |                       |
|--|-----------------|------------------------------|-----------------------|-----------------------|
| Bucket Type  |                 | High Dump – Hook-On – Fusion |                       |                       |
| Edge Type  |                 | Bolt-On Cutting Edges        | Bolt-On Cutting Edges | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 6.10                         | 7.60                  | 9.20                  |
|  | yd <sup>3</sup> | 8.00                         | 10.00                 | 12.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 6.70                         | 8.40                  | 10.10                 |
|  | yd <sup>3</sup> | 8.75                         | 11.00                 | 13.25                 |
| Width  | mm              | 3037                         | 3350                  | 3350                  |
|  | ft/in           | 9'11"                        | 10'11"                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2305                         | 2233                  | 2092                  |
|  | ft/in           | 7'6"                         | 7'3"                  | 6'10"                 |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1860                         | 1931                  | 2073                  |
|  | ft/in           | 6'1"                         | 6'4"                  | 6'9"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3442                         | 3543                  | 3743                  |
|  | ft/in           | 11'3"                        | 11'7"                 | 12'3"                 |
| A† Digging Depth   | mm              | 102                          | 72                    | 72                    |
|  | in              | 4"                           | 2.8"                  | 2.8"                  |
| 12† Overall Length   | mm              | 9091                         | 9192                  | 9392                  |
|  | ft/in           | 29'10"                       | 30'2"                 | 30'10"                |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6049                         | 6115                  | 6316                  |
|  | ft/in           | 19'11"                       | 20'1"                 | 20'9"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7022                         | 7193                  | 7262                  |
|  | ft/in           | 23'1"                        | 23'8"                 | 23'10"                |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 10 639                       | 10 761                | 10 433                |
|  | lb              | 23,456                       | 23,725                | 23,002                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11 383                       | 11 563                | 11 238                |
|  | lb              | 25,095                       | 25,492                | 24,777                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 8914                         | 8976                  | 8667                  |
|  | lb              | 19,653                       | 19,790                | 19,108                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 9671                         | 9788                  | 9482                  |
|  | lb              | 21,321                       | 21,580                | 20,905                |
| Breakout Force (§)   | kN              | 121                          | 119                   | 107                   |
|  | lbf             | 27,237                       | 26,884                | 24,084                |
| Operating Weight*  | kg              | 21 477                       | 21 696                | 21 868                |
|  | lb              | 47,348                       | 47,830                | 48,210                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Forestry Machine Specifications

## Operating Specifications – Buckets *(continued)*

| Linkage  |                 | Forestry Linkage                         |                       |                       |
|--|-----------------|--|-----------------------|-----------------------|
| Bucket Type  |                 | High Dump – Hook-On – Fusion – VCE Small |                       |                       |
| Edge Type  |                 | Bolt-On Cutting Edges                    | Bolt-On Cutting Edges | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 6.10                                     | 7.60                  | 9.20                  |
|  | yd <sup>3</sup> | 8.00                                     | 10.00                 | 12.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 6.70                                     | 8.40                  | 10.10                 |
|  | yd <sup>3</sup> | 8.75                                     | 11.00                 | 13.25                 |
| Width  | mm              | 3037                                     | 3350                  | 3350                  |
|  | ft/in           | 9'11"                                    | 10'11"                | 10'11"                |
| 16† Dump Clearance at Maximum Lift and 45° Discharge         | mm              | 2294                                     | 2223                  | 2081                  |
|  | ft/in           | 7'6"                                     | 7'3"                  | 6'9"                  |
| 17† Reach at Maximum Lift and 45° Discharge                  | mm              | 1871                                     | 1942                  | 2083                  |
|  | ft/in           | 6'1"                                     | 6'4"                  | 6'10"                 |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3458                                     | 3558                  | 3758                  |
|  | ft/in           | 11'4"                                    | 11'8"                 | 12'3"                 |
| A† Digging Depth   | mm              | 72                                       | 72                    | 72                    |
|  | in              | 2.8"                                     | 2.8"                  | 2.8"                  |
| 12† Overall Length   | mm              | 9107                                     | 9207                  | 9407                  |
|  | ft/in           | 29'11"                                   | 30'3"                 | 30'11"                |
| B† Overall Height with Bucket at Maximum Lift                | mm              | 6034                                     | 6122                  | 6323                  |
|  | ft/in           | 19'10"                                   | 20'1"                 | 20'9"                 |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7026                                     | 7197                  | 7268                  |
|  | ft/in           | 23'1"                                    | 23'8"                 | 23'11"                |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 11,179                                   | 10,862                | 10,534                |
|  | lb              | 24,647                                   | 23,947                | 23,224                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 11,978                                   | 11,660                | 11,336                |
|  | lb              | 26,407                                   | 25,707                | 24,991                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 9390                                     | 9083                  | 8773                  |
|  | lb              | 20,702                                   | 20,026                | 19,342                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 10,199                                   | 9892                  | 9586                  |
|  | lb              | 22,485                                   | 21,809                | 21,134                |
| Breakout Force (§)   | kN              | 126                                      | 118                   | 106                   |
|  | lbf             | 28,379                                   | 26,621                | 23,859                |
| Operating Weight*  | kg              | 21,245                                   | 21,475                | 21,648                |
|  | lb              | 46,836                                   | 47,343                | 47,725                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Forestry Machine Specifications

## Operating Specifications – Buckets (continued)

| Linkage  |                 | Forestry Linkage      |                       |                       |                             |                       |
|--|-----------------|-----------------------|-----------------------|-----------------------|-----------------------------|-----------------------|
| Bucket Type  |                 | Flat Floor – Pin-On   | Woodchip – Pin-On     |                       | Woodchip – Hook-On – Fusion |                       |
| Edge Type  |                 | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges       | Bolt-On Cutting Edges |
| Capacity – Rated   | m <sup>3</sup>  | 6.10                  | 9.20                  | 9.90                  | 9.20                        | 9.90                  |
|  | yd <sup>3</sup> | 8.00                  | 12.00                 | 13.00                 | 12.00                       | 13.00                 |
| Capacity – Rated at 110% Fill Factor                         | m <sup>3</sup>  | 6.70                  | 10.10                 | 10.90                 | 10.10                       | 10.90                 |
|  | yd <sup>3</sup> | 8.75                  | 13.25                 | 14.25                 | 13.25                       | 14.25                 |
| Width  | mm              | 3357                  | 3330                  | 3330                  | 3330                        | 3330                  |
|  | ft/in           | 11'0"                 | 10'11"                | 10'11"                | 10'11"                      | 10'11"                |
| <b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge | mm              | 1917                  | 2262                  | 2188                  | 2169                        | 2165                  |
|  | ft/in           | 6'3"                  | 7'5"                  | 7'2"                  | 7'1"                        | 7'1"                  |
| <b>17</b> † Reach at Maximum Lift and 45° Discharge          | mm              | 2113                  | 1909                  | 1984                  | 2003                        | 2007                  |
|  | ft/in           | 6'11"                 | 6'3"                  | 6'6"                  | 6'6"                        | 6'7"                  |
| Reach at Level Lift Arm and Bucket Level                     | mm              | 3895                  | 3507                  | 3613                  | 3639                        | 3645                  |
|  | ft/in           | 12'9"                 | 11'6"                 | 11'10"                | 11'11"                      | 11'11"                |
| <b>A</b> † Digging Depth                                     | mm              | 197                   | 97                    | 97                    | 97                          | 97                    |
|  | in              | 7.7"                  | 3.8"                  | 3.8"                  | 3.8"                        | 3.8"                  |
| <b>12</b> † Overall Length                                   | mm              | 9612                  | 9152                  | 9258                  | 9284                        | 9290                  |
|  | ft/in           | 31'7"                 | 30'1"                 | 30'5"                 | 30'6"                       | 30'6"                 |
| <b>B</b> † Overall Height with Bucket at Maximum Lift        | mm              | 5573                  | 6266                  | 6358                  | 6324                        | 6375                  |
|  | ft/in           | 18'4"                 | 20'7"                 | 20'11"                | 20'9"                       | 20'11"                |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm              | 7465                  | 7170                  | 7206                  | 7215                        | 7217                  |
|  | ft/in           | 24'6"                 | 23'7"                 | 23'8"                 | 23'9"                       | 23'9"                 |
| Static Tipping Load, Straight (With tire deflection)         | kg              | 8508                  | 12 177                | 12 103                | 10 869                      | 10 921                |
|  | lb              | 18,758                | 26,847                | 26,683                | 23,963                      | 24,077                |
| Static Tipping Load, Straight (No tire deflection)           | kg              | 9096                  | 13 025                | 12 961                | 11 613                      | 11 674                |
|  | lb              | 20,054                | 28,717                | 28,575                | 25,603                      | 25,736                |
| Static Tipping Load, Articulated (With tire deflection)      | kg              | 6936                  | 10 352                | 10 271                | 9169                        | 9214                  |
|  | lb              | 15,291                | 22,824                | 22,644                | 20,214                      | 20,314                |
| Static Tipping Load, Articulated (No tire deflection)        | kg              | 7542                  | 11 210                | 11 138                | 9926                        | 9980                  |
|  | lb              | 16,627                | 24,714                | 24,557                | 21,883                      | 22,002                |
| Breakout Force (§)   | kN              | 92                    | 119                   | 112                   | 111                         | 110                   |
|  | lbf             | 20,860                | 26,841                | 25,336                | 25,062                      | 24,918                |
| Operating Weight*  | kg              | 22 503                | 20 402                | 20 494                | 21 037                      | 20 998                |
|  | lb              | 49,609                | 44,978                | 45,180                | 46,377                      | 46,291                |

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 1609    |
|    |   | in              | 63.3    |
| 2  | Fork width  | mm              | 2324    |
|    |   | in              | 91.5    |
|    | End area  | m <sup>2</sup>  | 1.26    |
|    |   | ft <sup>2</sup> | 14      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to milliard forks)            | mm              | 427     |
|    |   | in              | 17      |
|    | Operating Weight  | kg              | 20555   |
|    |   | lbs             | 45316   |
| 5  | Distance inside of tine tips                                | mm              | 1780    |
|    |   | in              | 70      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 9031    |
|    |   | lbs             | 19910.2 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 10632   |
|    |   | lbs             | 23438.7 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 2843    |
|    |   | in              | 111.9   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2629    |
|    |   | in              | 103.5   |
| 8  | Clearance @ full lift fork level                            | mm              | 3761    |
|    |   | in              | 148.1   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1588    |
|    |   | in              | 62.5    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 3021    |
|    |   | in              | 118.9   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -66     |
|    |   | in              | -2.6    |
| 12 | Width over tines  | mm              | 2286    |
|    |   | in              | 90.0    |
| 13 | Reach @ ground level  | mm              | 2415    |
|    |   | in              | 95      |
| 14 | Max. opening across tine and clamp                          | mm              | 2709    |
|    |   | in              | 106.7   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 6605    |
|    |   | in              | 260.0   |
| 16 | Overall length  | mm              | 8642    |
|    | Tip of tine to rear of machine                              | in              | 340.2   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2613    |
|    |   | in              | 102.9   |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1800.2  |
|    |   | in              | 70.9    |
| 19 | Reach @ full lift and fork level                            | mm              | 2283.4  |
|    |   | in              | 89.9    |
| 20 | Max. discharge angle from horizontal                        | deg             | 46      |
|    |   | rad             | 0.8     |

\*Negative values indicate below grade

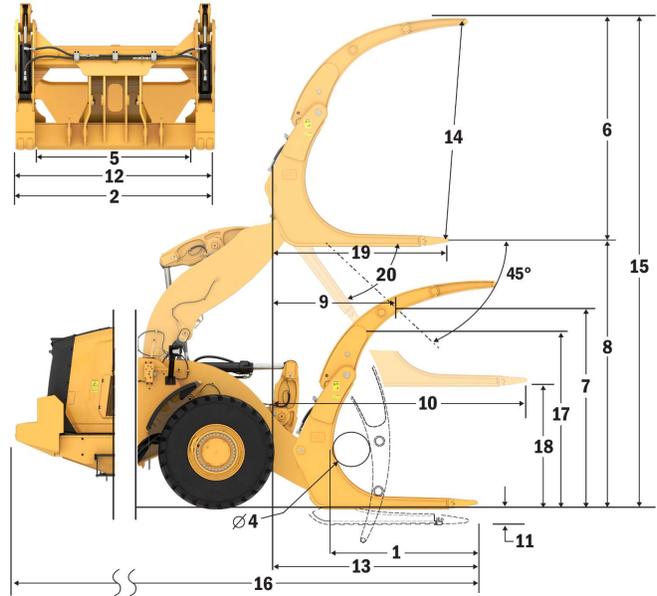
## 950 LOG

### Milliard Fork, Pin-On

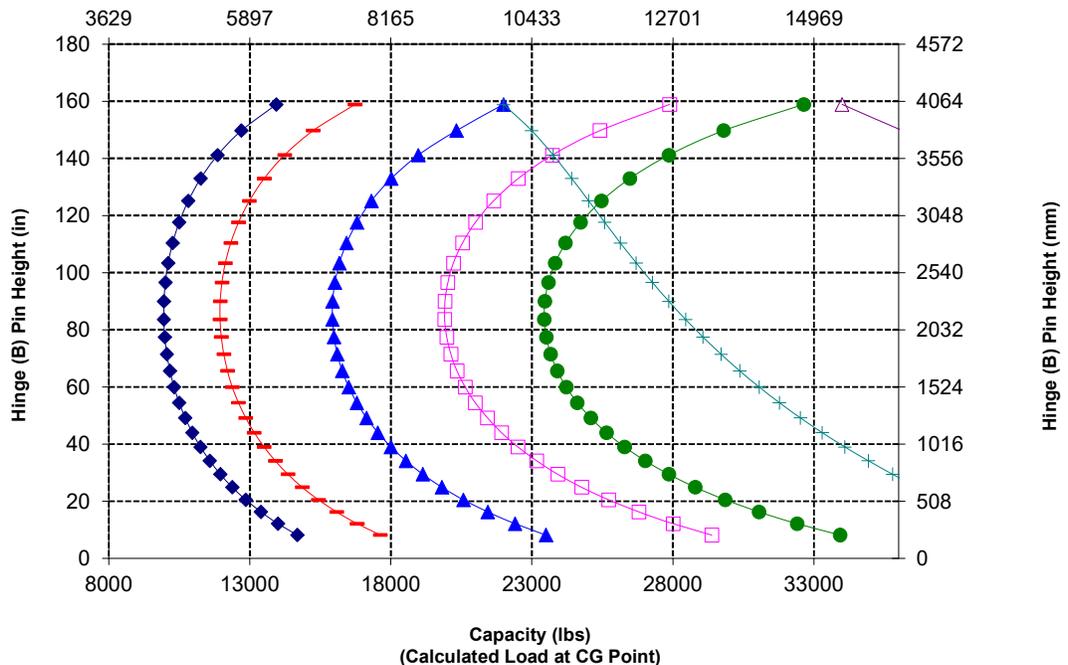
63" Tine

374-7148

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 1609    |
|    |   | in              | 63.3    |
| 2  | Fork width  | mm              | 2324    |
|    |   | in              | 91.5    |
|    | End area  | m <sup>2</sup>  | 1.26    |
|    |   | ft <sup>2</sup> | 14      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 427     |
|    |   | in              | 17      |
|    | Operating Weight  | kg              | 21227   |
|    |   | lbs             | 46798   |
| 5  | Distance inside of tine tips                                | mm              | 1780    |
|    |   | in              | 70      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 8038    |
|    |   | lbs             | 17720.8 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 9567    |
|    |   | lbs             | 21090.6 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 2843    |
|    |   | in              | 111.9   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2542    |
|    |   | in              | 100.1   |
| 8  | Clearance @ full lift fork level                            | mm              | 3775    |
|    |   | in              | 148.6   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1694    |
|    |   | in              | 66.7    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 3158    |
|    |   | in              | 124.3   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -52     |
|    |   | in              | -2.1    |
| 12 | Width over tines  | mm              | 2286    |
|    |   | in              | 90.0    |
| 13 | Reach @ ground level  | mm              | 2541    |
|    |   | in              | 100     |
| 14 | Max. opening across tine and clamp                          | mm              | 2709    |
|    |   | in              | 106.7   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 6618    |
|    |   | in              | 260.5   |
| 16 | Overall length  | mm              | 8768    |
|    | Tip of tine to rear of machine                              | in              | 345.2   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2266    |
|    |   | in              | 89.2    |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1813.9  |
|    |   | in              | 71.4    |
| 19 | Reach @ full lift and fork level                            | mm              | 2420.5  |
|    |   | in              | 95.3    |
| 20 | Max. discharge angle from horizontal                        | deg             | 63      |
|    |   | rad             | 1.1     |

\*Negative values indicate below grade

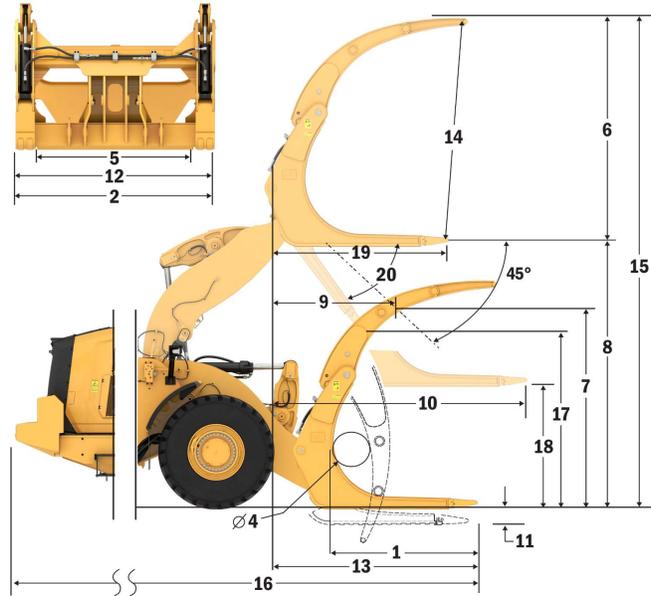
## 950 LOG

### Millyard Fork, FUSION

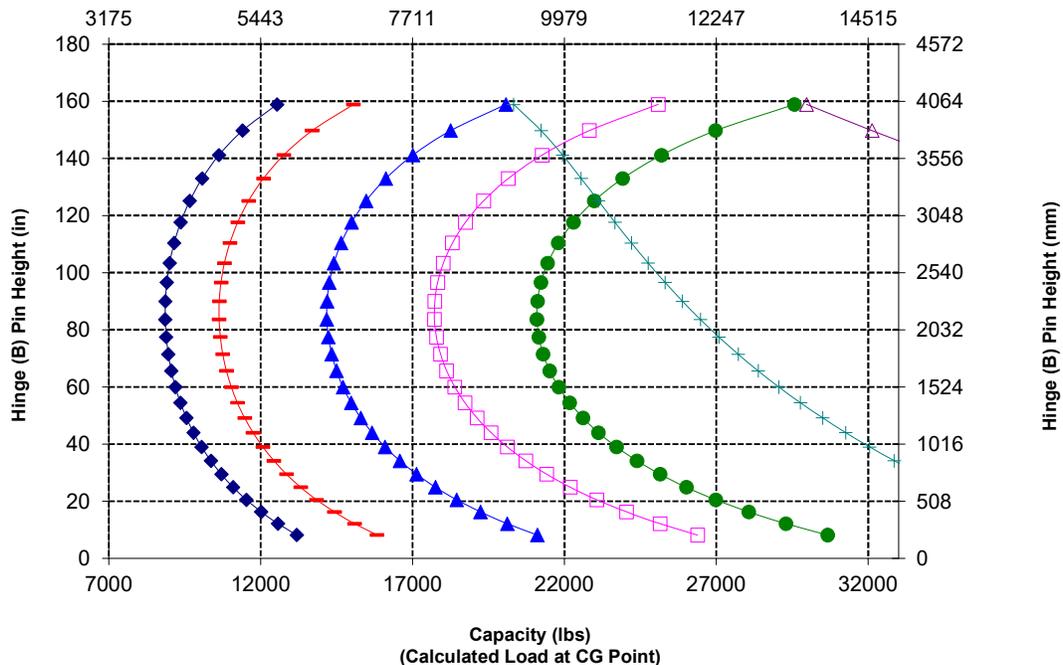
63" Tine

383-3523

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |  |                 |         |
|----|--|-----------------|---------|
| 1  | Tine length  | mm              | 1677    |
|    |  | in              | 66.0    |
| 2  | Fork width   | mm              | 2236    |
|    |  | in              | 88.0    |
|    | End area   | m <sup>2</sup>  | 1.39    |
|    |  | ft <sup>2</sup> | 15      |
| 3  | Inside Height<br>(only applies to double top clamp)        | mm              | 0       |
|    |  | in              | 0       |
| 4  | Min. opening<br>(only applies to milliard forks)           | mm              | 330     |
|    |  | in              | 13      |
|    | Operating Weight   | kg              | 19939   |
|    |  | lbs             | 43958   |
| 5  | Distance inside of tine tips                               | mm              | 1904    |
|    |  | in              | 75      |
|    | Static tipping load, articulated<br>Fork level             | kg              | 8770    |
|    |  | lbs             | 19333.2 |
|    | Static tipping load, straight<br>Fork level                | kg              | 10237   |
|    |  | lbs             | 22569.5 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)        | mm              | 3144    |
|    |  | in              | 123.8   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <> 45) | mm              | 2356    |
|    |  | in              | 92.8    |
| 8  | Clearance @ full lift fork level                           | mm              | 3659    |
|    |  | in              | 144.1   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <> 45)     | mm              | 1716    |
|    |  | in              | 67.6    |
| 10 | Reach w/lift arm horizontal and fork level                 | mm              | 3305    |
|    |  | in              | 130.1   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level | mm              | -168    |
|    |  | in              | -6.6    |
| 12 | Width over tines   | mm              | 2184    |
|    |  | in              | 86.0    |
| 13 | Reach @ ground level                                       | mm              | 2773    |
|    |  | in              | 109     |
| 14 | Max. opening across tine and clamp                         | mm              | 2914    |
|    |  | in              | 114.7   |
| 15 | Overall height of fork @ full lift and<br>clamp open       | mm              | 6803    |
|    |  | in              | 267.8   |
| 16 | Overall length<br>Tip of tine to rear of machine           | mm              | 9000    |
|    |  | in              | 354.3   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if < 45) | mm              | 2339    |
|    |  | in              | 92.1    |
| 18 | Clearance w/horizontal lift arms and<br>fork level         | mm              | 1698.1  |
|    |  | in              | 66.9    |
| 19 | Reach @ full lift and fork level                           | mm              | 2567.3  |
|    |  | in              | 101.1   |
| 20 | Max. discharge angle from horizontal                       | deg             | 46      |
|    |  | rad             | 0.8     |

\*Negative values indicate below grade

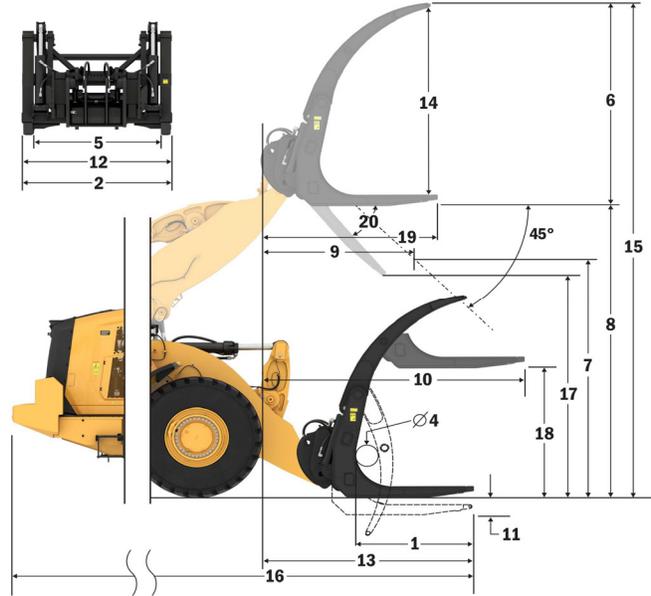
## 950 LOG

### Milliard Pole Fork, Pin-On

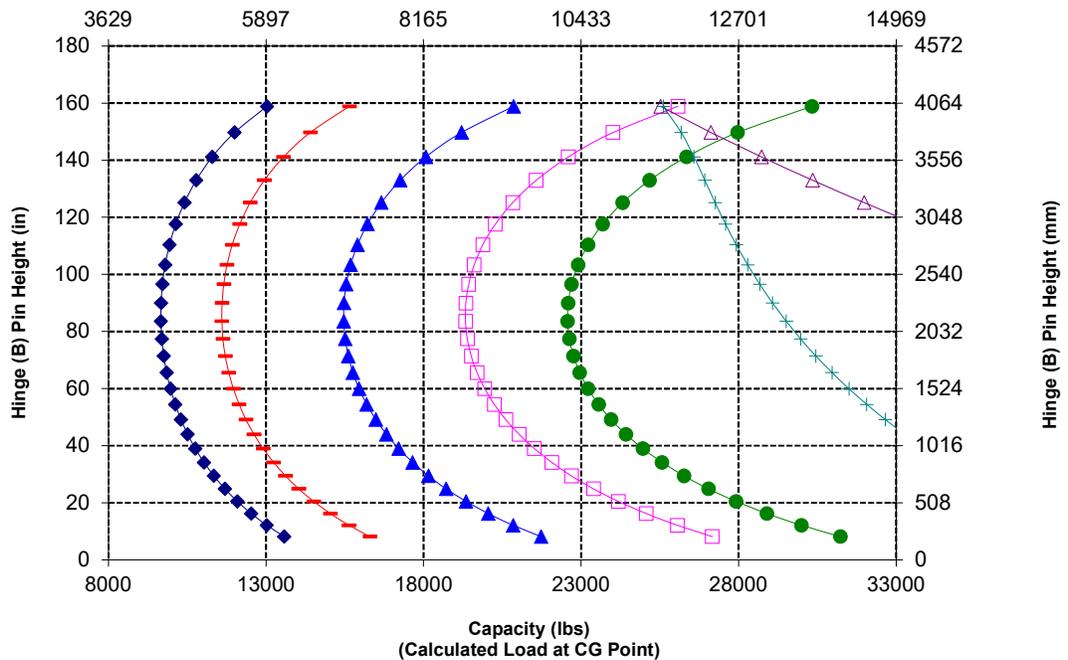
66" Tine

384-3214

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 1677    |
|    |   | in              | 66.0    |
| 2  | Fork width  | mm              | 2236    |
|    |   | in              | 88.0    |
|    | End area  | m <sup>2</sup>  | 1.39    |
|    |   | ft <sup>2</sup> | 15      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 330     |
|    |   | in              | 13      |
|    | Operating Weight  | kg              | 20495   |
|    |   | lbs             | 45184   |
| 5  | Distance inside of tine tips                                | mm              | 1904    |
|    |   | in              | 75      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 8103    |
|    |   | lbs             | 17862.8 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 9529    |
|    |   | lbs             | 21008.1 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 3148    |
|    |   | in              | 123.9   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2347    |
|    |   | in              | 92.4    |
| 8  | Clearance @ full lift fork level                            | mm              | 3735    |
|    |   | in              | 147.0   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1833    |
|    |   | in              | 72.2    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 3394    |
|    |   | in              | 133.6   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -92     |
|    |   | in              | -3.6    |
| 12 | Width over tines  | mm              | 2184    |
|    |   | in              | 86.0    |
| 13 | Reach @ ground level  | mm              | 2808    |
|    |   | in              | 111     |
| 14 | Max. opening across tine and clamp                          | mm              | 2914    |
|    |   | in              | 114.7   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 6883    |
|    |   | in              | 271.0   |
| 16 | Overall length  | mm              | 9035    |
|    | Tip of tine to rear of machine                              | in              | 355.7   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2166    |
|    |   | in              | 85.3    |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1773.9  |
|    |   | in              | 69.8    |
| 19 | Reach @ full lift and fork level                            | mm              | 2656.8  |
|    |   | in              | 104.6   |
| 20 | Max. discharge angle from horizontal                        | deg             | 54      |
|    |   | rad             | 0.9     |

\*Negative values indicate below grade

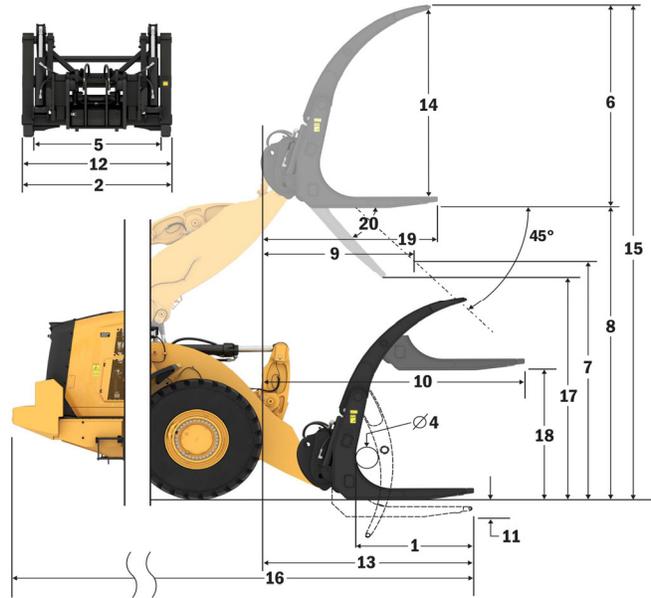
## 950 LOG

### Milliard Pole Fork, FUSION

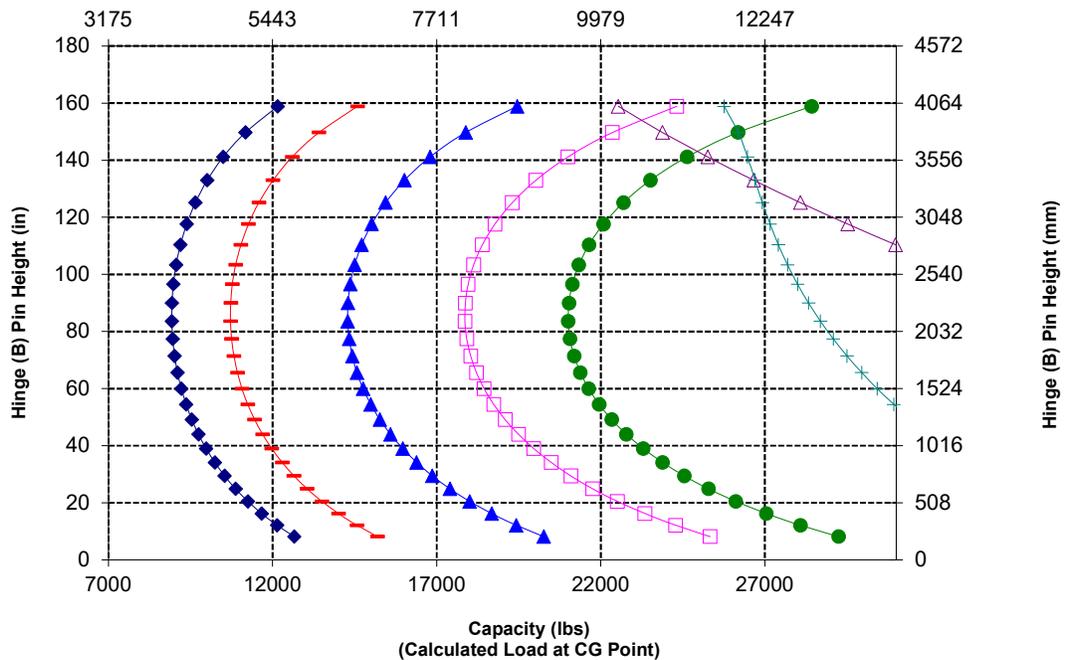
66" Tine

442-4392

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |         |
|----|---|-----|---------|
| 1  | Tine length   | mm  | 1677    |
|    |   | in  | 66.0    |
| 2  | Fork width  | mm  | 2236    |
|    |   | in  | 88.0    |
|    | End area  | m2  | 1.39    |
|    |   | ft2 | 15      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm  | 0       |
|    |   | in  | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm  | 330     |
|    |   | in  | 13      |
|    | Operating Weight  | kg  | 19934   |
|    |   | lbs | 43947   |
| 5  | Distance inside of tine tips                                | mm  | 1904    |
|    |   | in  | 75      |
|    | Static tipping load, articulated<br>Fork level              | kg  | 8774    |
|    |   | lbs | 19343.1 |
|    | Static tipping load, straight<br>Fork level                 | kg  | 10242   |
|    |   | lbs | 22579.4 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm  | 3144    |
|    |   | in  | 123.8   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm  | 2362    |
|    |   | in  | 93.0    |
| 8  | Clearance @ full lift fork level                            | mm  | 3659    |
|    |   | in  | 144.1   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm  | 1711    |
|    |   | in  | 67.3    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm  | 3297    |
|    |   | in  | 129.8   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm  | -168    |
|    |   | in  | -6.6    |
| 12 | Width over tines  | mm  | 2184    |
|    |   | in  | 86.0    |
| 13 | Reach @ ground level  | mm  | 2765    |
|    |   | in  | 109     |
| 14 | Max. opening across tine and clamp                          | mm  | 2914    |
|    |   | in  | 114.7   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm  | 6803    |
|    |   | in  | 267.8   |
| 16 | Overall length  | mm  | 8992    |
|    | Tip of tine to rear of machine                              | in  | 354.0   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm  | 2344    |
|    |   | in  | 92.3    |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm  | 1698.0  |
|    |   | in  | 66.9    |
| 19 | Reach @ full lift and fork level                            | mm  | 2559.3  |
|    |   | in  | 100.8   |
| 20 | Max. discharge angle from horizontal                        | deg | 46      |
|    |   | rad | 0.8     |

\*Negative values indicate below grade

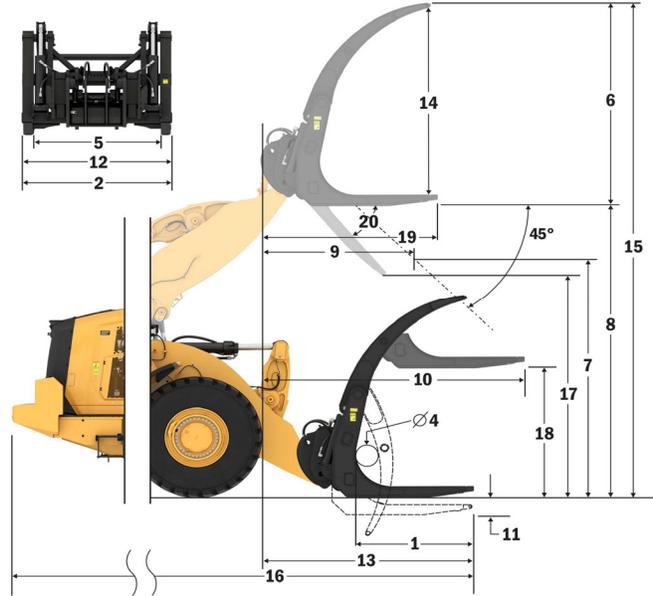
## 950 LOG

### Milliard Pole Fork, Pin-On

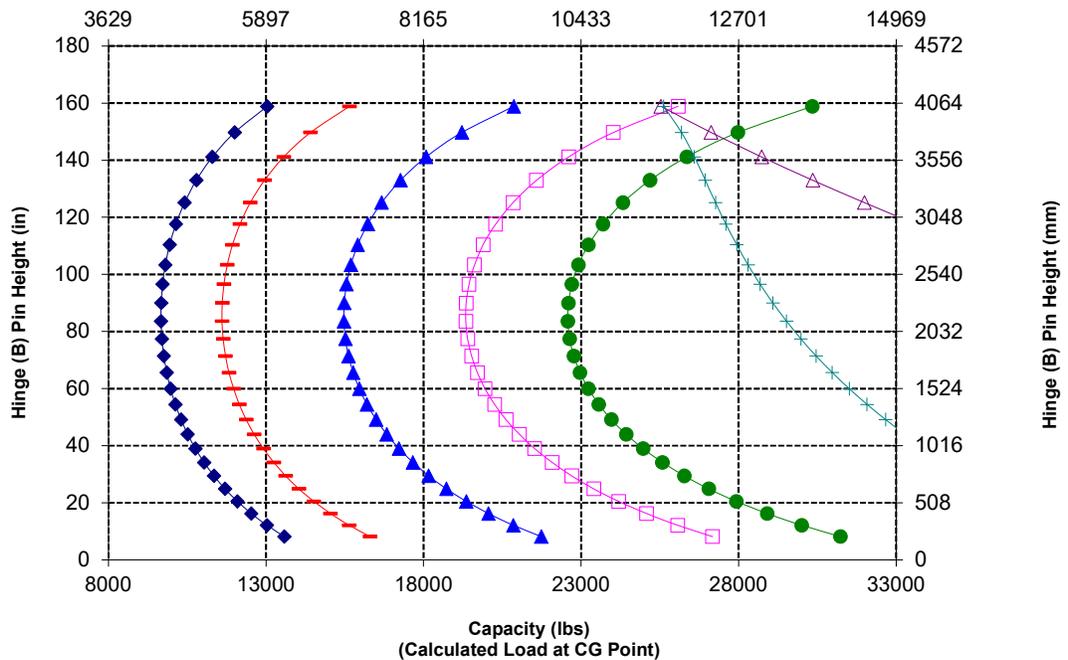
66" Tine

445-2466

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 1677    |
|    |   | in              | 66.0    |
| 2  | Fork width  | mm              | 2236    |
|    |   | in              | 88.0    |
|    | End area  | m <sup>2</sup>  | 1.39    |
|    |   | ft <sup>2</sup> | 15      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 330     |
|    |   | in              | 13      |
|    | Operating Weight  | kg              | 20496   |
|    |   | lbs             | 45186   |
| 5  | Distance inside of tine tips                                | mm              | 1904    |
|    |   | in              | 75      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 8102    |
|    |   | lbs             | 17861.2 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 9528    |
|    |   | lbs             | 21006.4 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 3148    |
|    |   | in              | 123.9   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2351    |
|    |   | in              | 92.6    |
| 8  | Clearance @ full lift fork level                            | mm              | 3735    |
|    |   | in              | 147.0   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1829    |
|    |   | in              | 72.0    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 3388    |
|    |   | in              | 133.4   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -92     |
|    |   | in              | -3.6    |
| 12 | Width over tines  | mm              | 2184    |
|    |   | in              | 86.0    |
| 13 | Reach @ ground level  | mm              | 2801    |
|    |   | in              | 110     |
| 14 | Max. opening across tine and clamp                          | mm              | 2914    |
|    |   | in              | 114.7   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 6883    |
|    |   | in              | 271.0   |
| 16 | Overall length  | mm              | 9028    |
|    | Tip of tine to rear of machine                              | in              | 355.5   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2172    |
|    |   | in              | 85.5    |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1773.9  |
|    |   | in              | 69.8    |
| 19 | Reach @ full lift and fork level                            | mm              | 2650.6  |
|    |   | in              | 104.4   |
| 20 | Max. discharge angle from horizontal                        | deg             | 54      |
|    |   | rad             | 0.9     |

\*Negative values indicate below grade

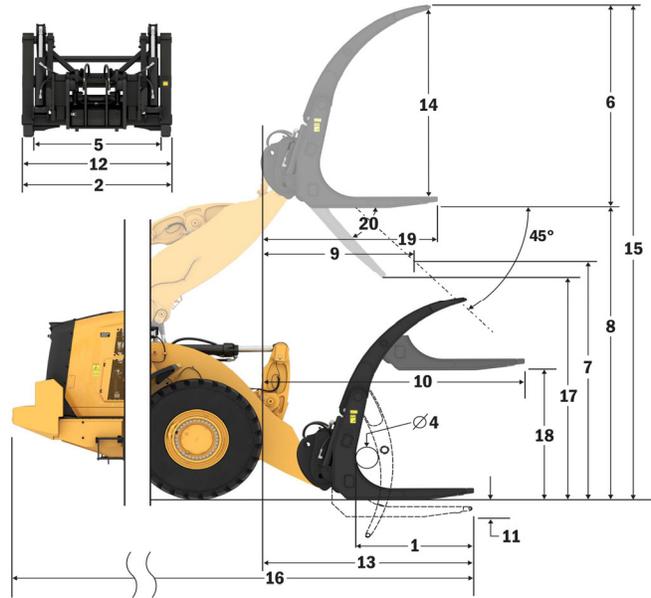
## 950 LOG

### Milliard Pole Fork, FUSION

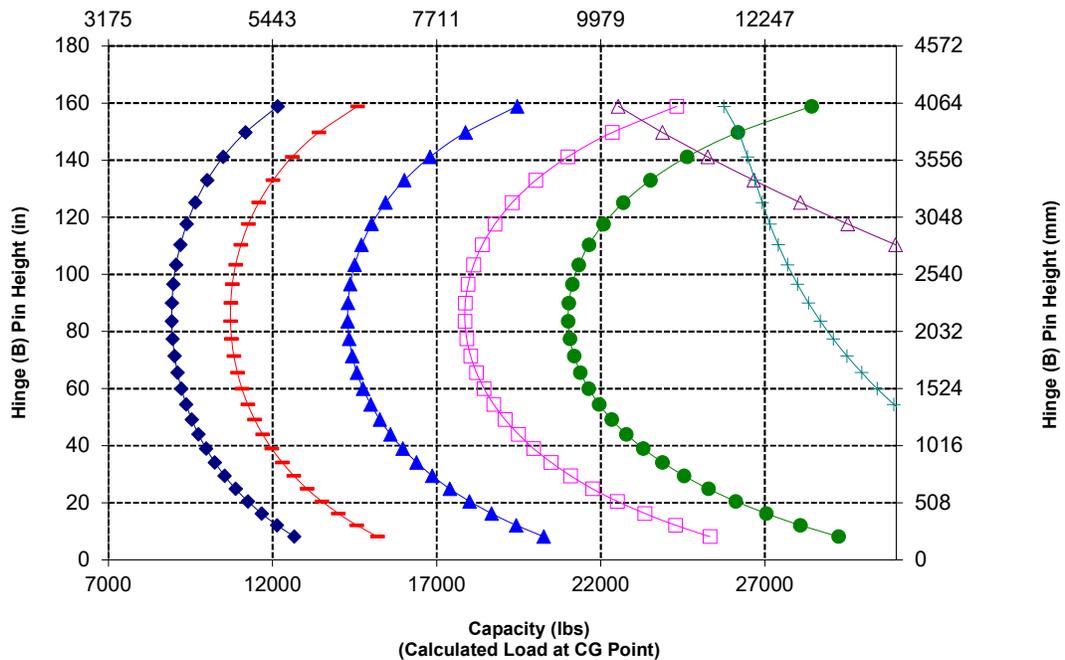
66" Tine

445-2489

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 1609    |
|    |   | in              | 63.3    |
| 2  | Fork width  | mm              | 2332    |
|    |   | in              | 91.8    |
|    | End area  | m <sup>2</sup>  | 1.9     |
|    |   | ft <sup>2</sup> | 20      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 1381    |
|    |   | in              | 54      |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | N/A     |
|    |   | in              | N/A     |
|    | Operating Weight  | kg              | 20367   |
|    |   | lbs             | 44902   |
| 5  | Distance inside of tine tips                                | mm              | 1776    |
|    |   | in              | 70      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 8748    |
|    |   | lbs             | 19285.0 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 10260   |
|    |   | lbs             | 22619.7 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 2944    |
|    |   | in              | 115.9   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2628    |
|    |   | in              | 103.5   |
| 8  | Clearance @ full lift fork level                            | mm              | 3762    |
|    |   | in              | 148.1   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1589    |
|    |   | in              | 62.6    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 3022    |
|    |   | in              | 119.0   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -65     |
|    |   | in              | -2.6    |
| 12 | Width over tines  | mm              | 2298    |
|    |   | in              | 90.5    |
| 13 | Reach @ ground level  | mm              | 2416    |
|    |   | in              | 95      |
| 14 | Max. opening across tine and clamp                          | mm              | 2542    |
|    |   | in              | 100.1   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 6705    |
|    |   | in              | 264.0   |
| 16 | Overall length  | mm              | 8643    |
|    | Tip of tine to rear of machine                              | in              | 340.3   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2613    |
|    |   | in              | 102.9   |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1800.7  |
|    |   | in              | 70.9    |
| 19 | Reach @ full lift and fork level                            | mm              | 2285.1  |
|    |   | in              | 90.0    |
| 20 | Max. discharge angle from horizontal                        | deg             | 46      |
|    |   | rad             | 0.8     |

\*Negative values indicate below grade

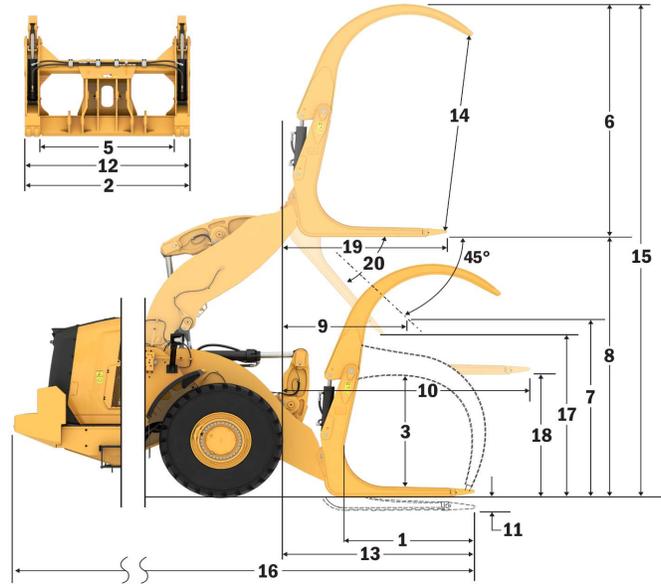
## 950 LOG

### Logging Fork, Pin-On

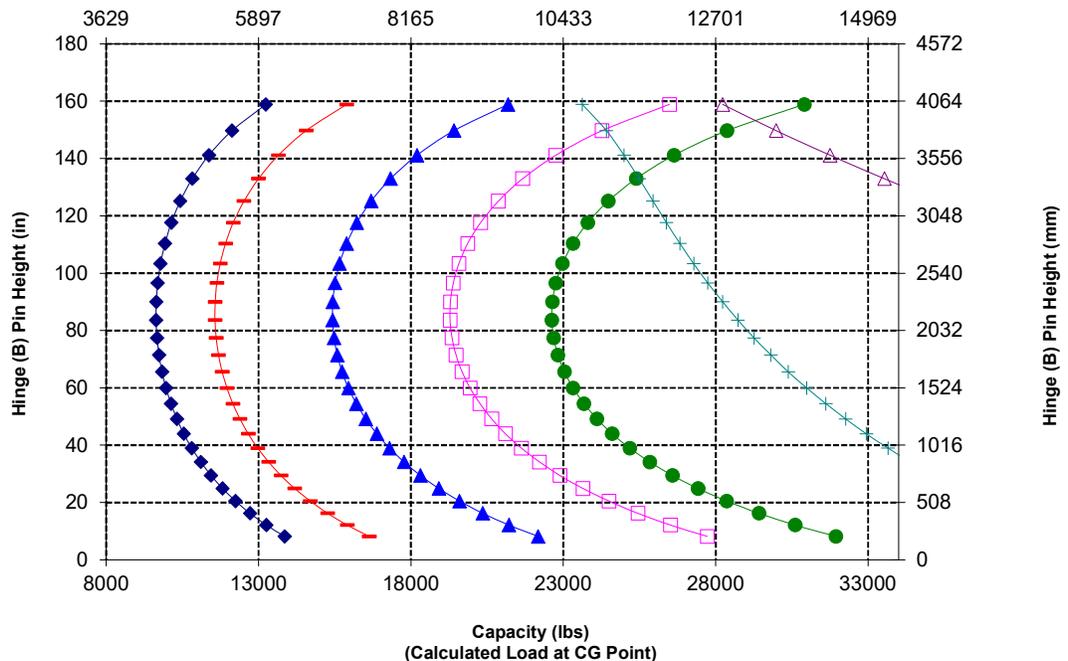
63" Tine

379-5408

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



### Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 762     |
|    |   | in              | 30.0    |
| 2  | Fork width  | mm              | 1846    |
|    |   | in              | 72.7    |
|    | End area  | m <sup>2</sup>  | 2       |
|    |   | ft <sup>2</sup> | 22      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 1336    |
|    |   | in              | 53      |
|    | Operating Weight  | kg              | 20390   |
|    |   | lbs             | 44952   |
| 5  | Distance inside of tine tips                                | mm              | 1314    |
|    |   | in              | 52      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 8420    |
|    |   | lbs             | 18563.4 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 9882    |
|    |   | lbs             | 21786.6 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 2317    |
|    |   | in              | 91.2    |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 3106    |
|    |   | in              | 122.3   |
| 8  | Clearance @ full lift fork level                            | mm              | 3675    |
|    |   | in              | 144.7   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 989     |
|    |   | in              | 38.9    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 2260    |
|    |   | in              | 89.0    |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -152    |
|    |   | in              | -6.0    |
| 12 | Width over tines  | mm              | 1832    |
|    |   | in              | 72.1    |
| 13 | Reach @ ground level  | mm              | 1717    |
|    |   | in              | 68      |
| 14 | Max. opening across tine and clamp                          | mm              | 2785    |
|    |   | in              | 109.6   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 5991    |
|    |   | in              | 235.9   |
| 16 | Overall length  | mm              | 7944    |
|    | Tip of tine to rear of machine                              | in              | 312.8   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 3033    |
|    |   | in              | 119.4   |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1713.8  |
|    |   | in              | 67.5    |
| 19 | Reach @ full lift and fork level                            | mm              | 1522.6  |
|    |   | in              | 59.9    |
| 20 | Max. discharge angle from horizontal                        | deg             | 59      |
|    |   | rad             | 1.0     |

\*Negative values indicate below grade

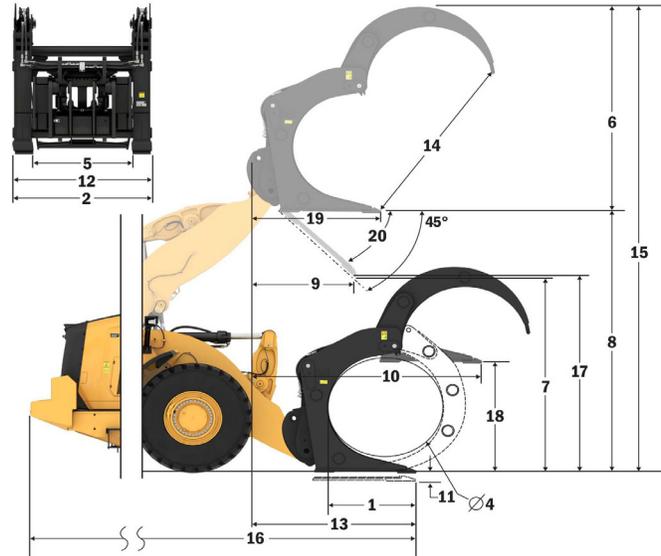
### 950 LOG

#### Grapple Fork, FUSION

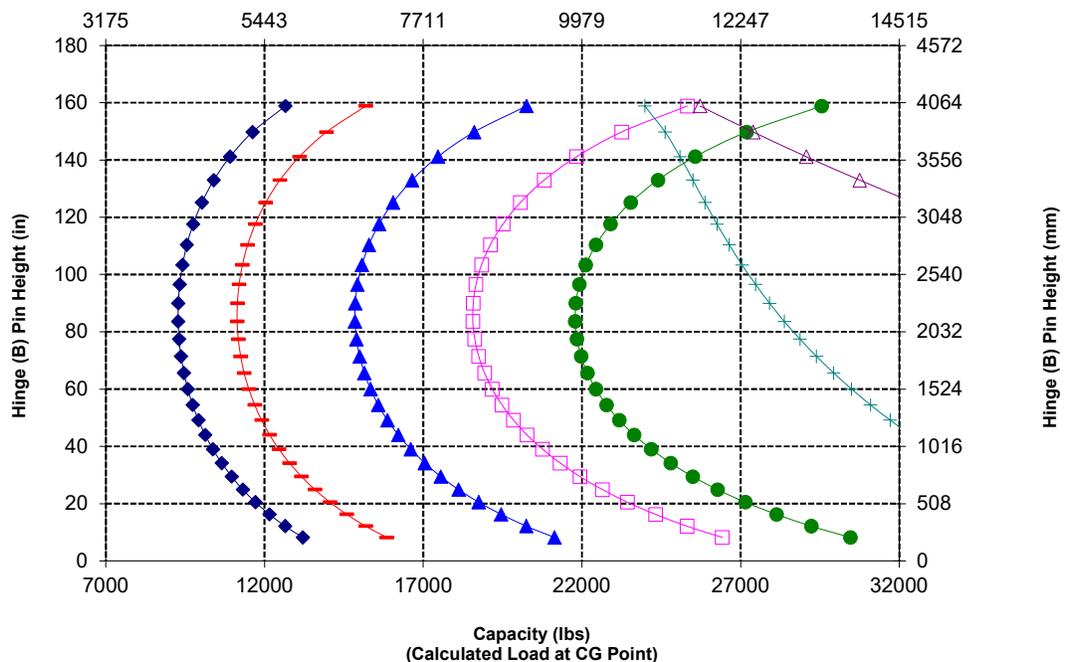
30" Tine

377-0722

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



### Capacity (kg) (Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 917     |
|    |   | in              | 36.1    |
| 2  | Fork width  | mm              | 1855    |
|    |   | in              | 73.0    |
|    | End area  | m <sup>2</sup>  | 2.5     |
|    |   | ft <sup>2</sup> | 27      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 1450    |
|    |   | in              | 57      |
|    | Operating Weight  | kg              | 20605   |
|    |   | lbs             | 45426   |
| 5  | Distance inside of tine tips                                | mm              | 1314    |
|    |   | in              | 52      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 8102    |
|    |   | lbs             | 17861.8 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 9542    |
|    |   | lbs             | 21035.9 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 3433    |
|    |   | in              | 135.1   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 3023    |
|    |   | in              | 119.0   |
| 8  | Clearance @ full lift fork level                            | mm              | 3674    |
|    |   | in              | 144.7   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1071    |
|    |   | in              | 42.2    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 2376    |
|    |   | in              | 93.6    |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -153    |
|    |   | in              | -6.0    |
| 12 | Width over tines  | mm              | 1850    |
|    |   | in              | 72.8    |
| 13 | Reach @ ground level  | mm              | 1834    |
|    |   | in              | 72      |
| 14 | Max. opening across tine and clamp                          | mm              | 3123    |
|    |   | in              | 123.0   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 7107    |
|    |   | in              | 279.8   |
| 16 | Overall length  | mm              | 8061    |
|    | Tip of tine to rear of machine                              | in              | 317.4   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2943    |
|    |   | in              | 115.9   |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1713.3  |
|    |   | in              | 67.5    |
| 19 | Reach @ full lift and fork level                            | mm              | 1639.1  |
|    |   | in              | 64.5    |
| 20 | Max. discharge angle from horizontal                        | deg             | 57      |
|    |   | rad             | 1.0     |

\*Negative values indicate below grade

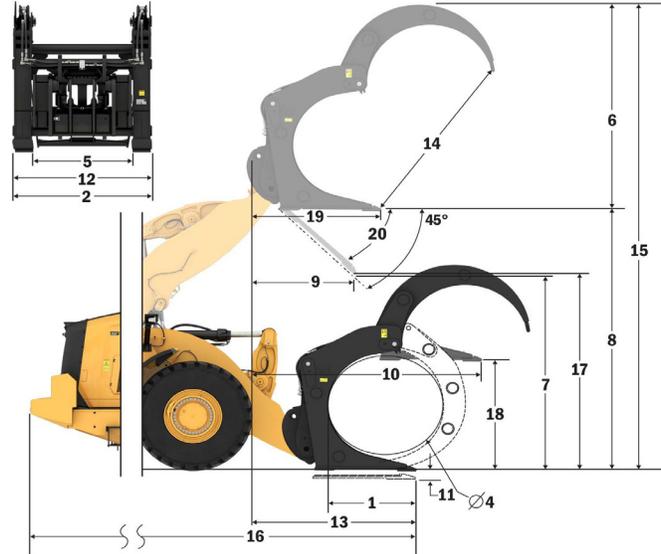
## 950 LOG

### Grapple Fork, FUSION

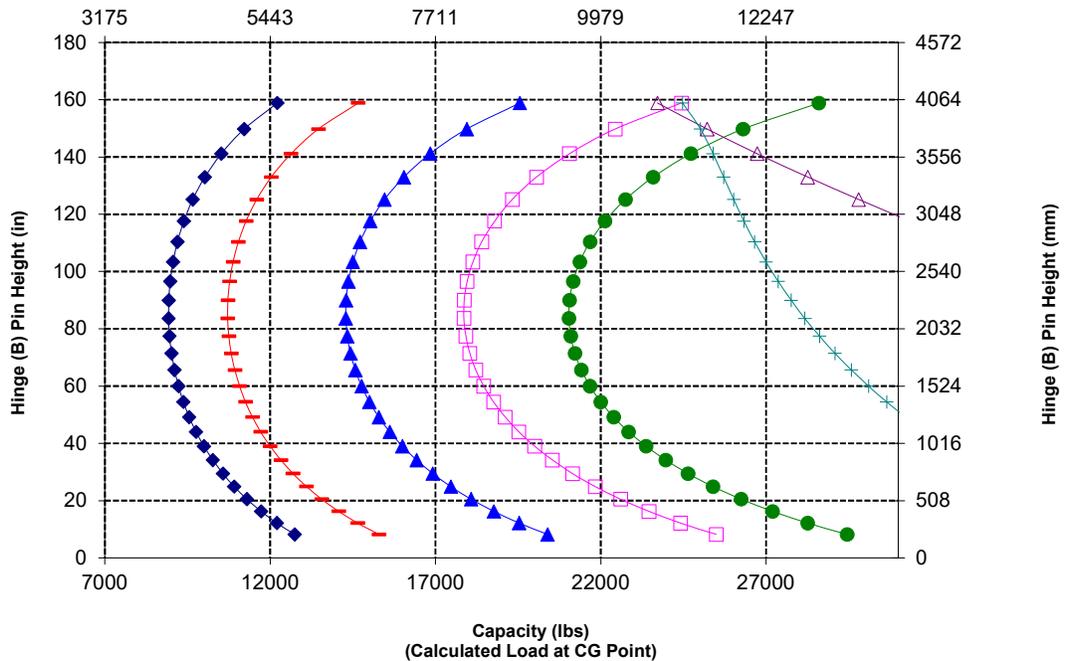
36" Tine

352-7339

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



### Capacity (kg) (Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 917     |
|    |   | in              | 36.1    |
| 2  | Fork width  | mm              | 1855    |
|    |   | in              | 73.0    |
|    | End area  | m <sup>2</sup>  | 2.5     |
|    |   | ft <sup>2</sup> | 27      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 1450    |
|    |   | in              | 57      |
|    | Operating Weight  | kg              | 21029   |
|    |   | lbs             | 46361   |
| 5  | Distance inside of tine tips                                | mm              | 1314    |
|    |   | in              | 52      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 7472    |
|    |   | lbs             | 16471.8 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 8869    |
|    |   | lbs             | 19552.5 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 3436    |
|    |   | in              | 135.3   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2953    |
|    |   | in              | 116.3   |
| 8  | Clearance @ full lift fork level                            | mm              | 3674    |
|    |   | in              | 144.7   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1141    |
|    |   | in              | 44.9    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 2476    |
|    |   | in              | 97.5    |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -153    |
|    |   | in              | -6.0    |
| 12 | Width over tines  | mm              | 1850    |
|    |   | in              | 72.8    |
| 13 | Reach @ ground level  | mm              | 1934    |
|    |   | in              | 76      |
| 14 | Max. opening across tine and clamp                          | mm              | 3123    |
|    |   | in              | 123.0   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 7111    |
|    |   | in              | 279.9   |
| 16 | Overall length  | mm              | 8161    |
|    | Tip of tine to rear of machine                              | in              | 321.3   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2845    |
|    |   | in              | 112.0   |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1713.3  |
|    |   | in              | 67.5    |
| 19 | Reach @ full lift and fork level                            | mm              | 1739.1  |
|    |   | in              | 68.5    |
| 20 | Max. discharge angle from horizontal                        | deg             | 59      |
|    |   | rad             | 1.0     |

\*Negative values indicate below grade

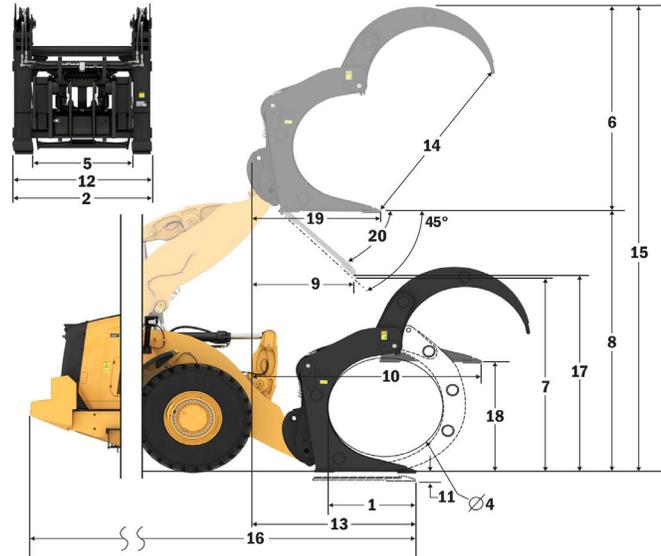
## 950 LOG

### Grapple Fork, FUSION

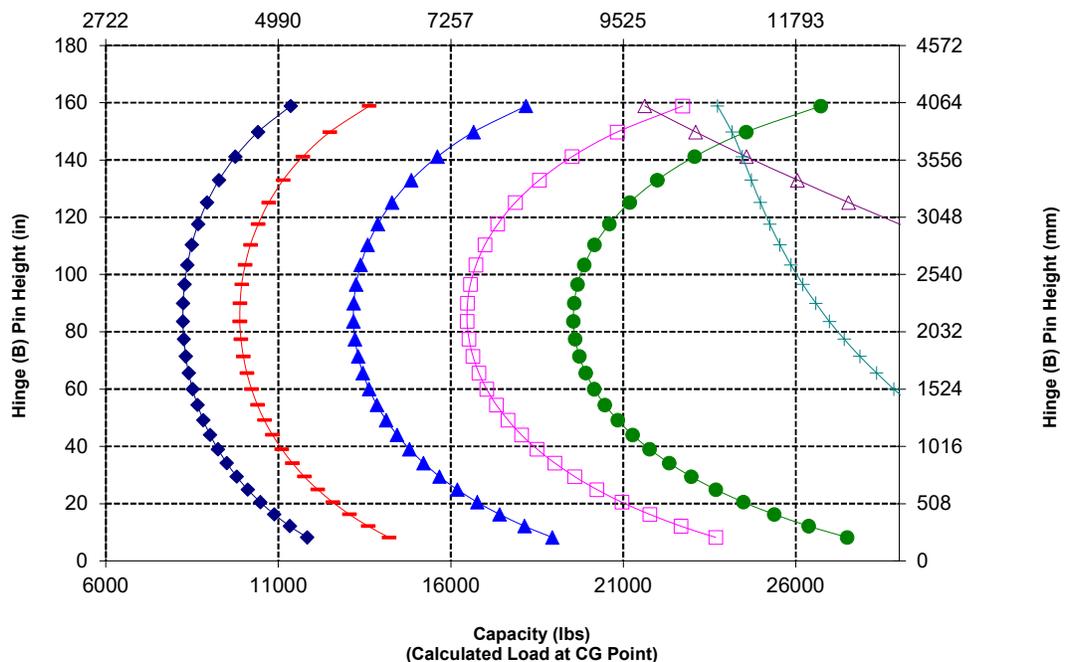
36" Tine

361-3084

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



### Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|  |   |         |        |
|--|---|---------|--------|
| 1  | Tine length   | mm      | 1220   |
|  |   | in      | 48.0   |
| 2  | Fork width  | mm      | 1855   |
|  |   | in      | 73.0   |
| End area                                       | m2  | 2.63    |        |
|  | ft2   | 28      |        |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm      | 0      |
|  |   | in      | 0      |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm      | 1448   |
|  |   | in      | 57     |
| Operating Weight                               | kg  | 20766   |        |
|  | lbs   | 45781   |        |
| 5  | Distance inside of tine tips                                | mm      | 1314   |
|  |   | in      | 52     |
| Static tipping load, articulated<br>Fork level | kg  | 7850    |        |
|  | lbs   | 17305.9 |        |
| Static tipping load, straight<br>Fork level    | kg  | 9276    |        |
|  | lbs   | 20448.9 |        |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm      | 3356   |
|  |   | in      | 132.1  |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm      | 2841   |
|  |   | in      | 111.9  |
| 8  | Clearance @ full lift fork level                            | mm      | 3747   |
|  |   | in      | 147.5  |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm      | 1356   |
|  |   | in      | 53.4   |
| 10   | Reach w/lift arm horizontal and fork level                  | mm      | 2707   |
|  |   | in      | 106.6  |
| 11   | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm      | -80    |
|  |   | in      | -3.2   |
| 12   | Width over tines  | mm      | 1850   |
|  |   | in      | 72.8   |
| 13   | Reach @ ground level  | mm      | 2111   |
|  |   | in      | 83     |
| 14   | Max. opening across tine and clamp                          | mm      | 3027   |
|  |   | in      | 119.2  |
| 15   | Overall height of fork @ full lift and<br>clamp open        | mm      | 7103   |
|  |   | in      | 279.7  |
| 16   | Overall length  | mm      | 8338   |
|  |   | in      | 328.3  |
| 17   | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm      | 2707   |
|  |   | in      | 106.6  |
| 18   | Clearance w/horizontal lift arms and<br>fork level          | mm      | 1786.0 |
|  |   | in      | 70.3   |
| 19   | Reach @ full lift and fork level                            | mm      | 1969.4 |
|  |   | in      | 77.5   |
| 20   | Max. discharge angle from horizontal                        | deg     | 57     |
|  |   | rad     | 1.0    |

\*Negative values indicate below grade

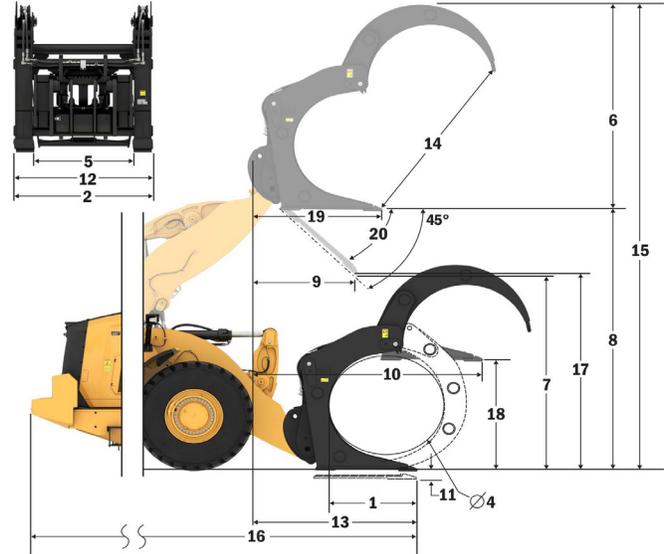
## 950 LOG

### Grapple Fork, FUSION

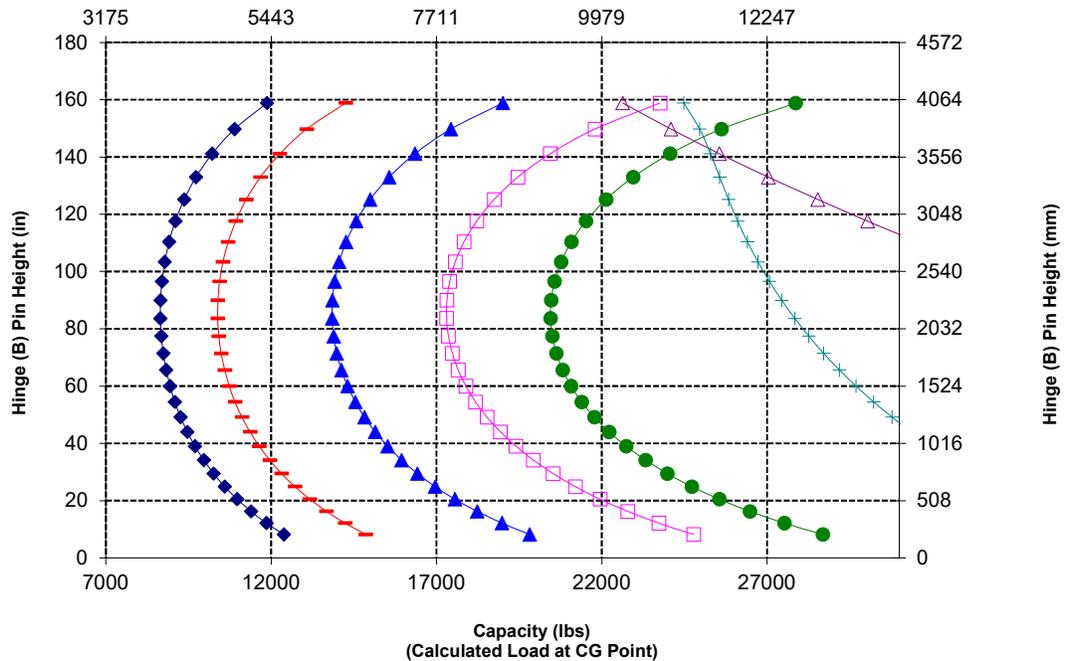
48" Tine

442-9358

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



### Capacity (kg) (Calculated Load at CG Point)



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 11263 |
|    |   | lbs | 24823 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 9775  |
|    |   | lbs | 21545 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4888  |
|    |   | lbs | 10773 |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5865  |
|    |   | lbs | 12927 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7820  |
|    |   | lbs | 17236 |
| 3  | Maximum Overall Length  | mm  | 8567  |
|    |   | in  | 337.3 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1121  |
|    |   | in  | 44.1  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1667  |
|    |   | in  | 65.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 930   |
|    |   | in  | 36.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1848  |
|    |   | in  | 72.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3809  |
|    |   | in  | 150.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5345  |
|    |   | in  | 210.4 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2698  |
|    |   | in  | 106.2 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 46    |
| 13 | Overall Carriage Width  | mm  | 2470  |
|    |   | in  | 97.3  |
| 14 | Overall Carriage Height   | mm  | 1601  |
|    |   | in  | 63.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2366  |
|    |   | in  | 93.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 10500 |
|    |   | lbs | 23142 |
|    | Operating Weight  | kg  | 19031 |
|    |   | lbs | 41945 |

\*Negative values indicate below grade

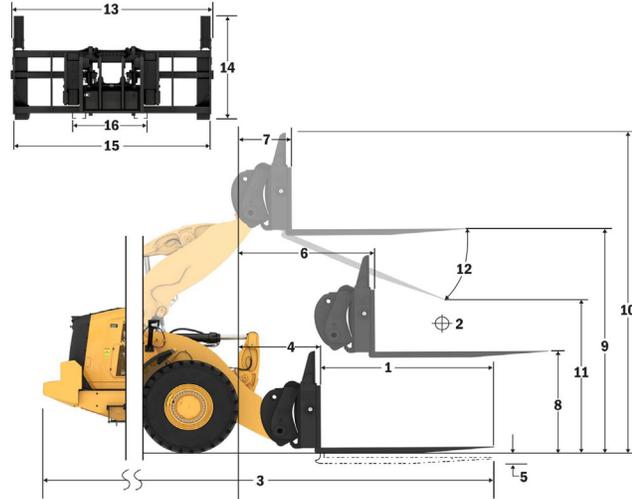
### 950 LOG

Log & Lumber Fork, No TC, Pin-On

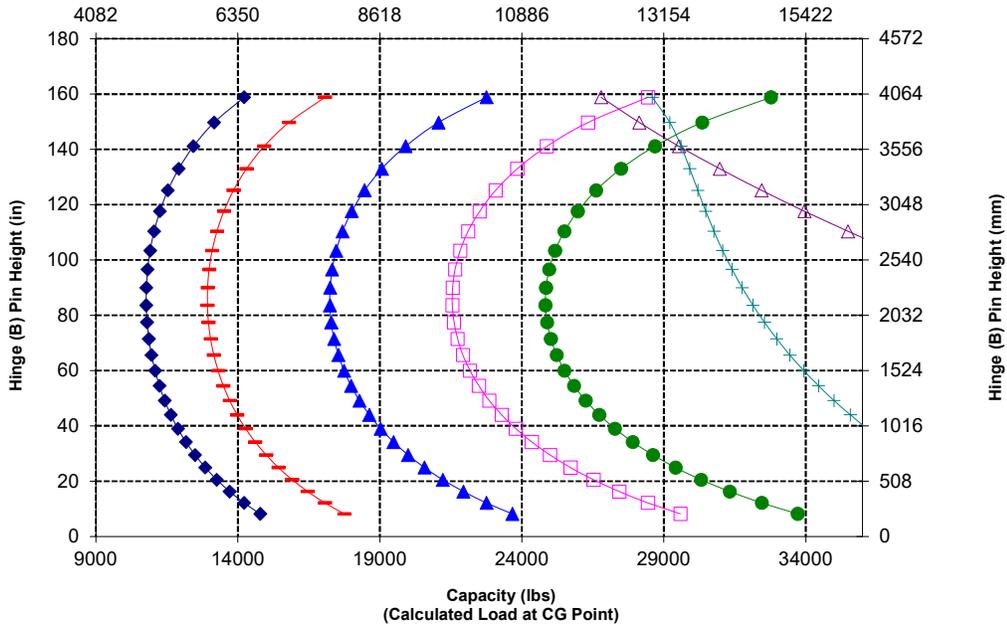
48" Tine

379-2323

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 10594 |
|    |   | lbs | 23350 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 9148  |
|    |   | lbs | 20161 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4574  |
|    |   | lbs | 10081 |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5489  |
|    |   | lbs | 12097 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7318  |
|    |   | lbs | 16129 |
| 3  | Maximum Overall Length  | mm  | 8653  |
|    |   | in  | 340.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1207  |
|    |   | in  | 47.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1755  |
|    |   | in  | 69.1  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1018  |
|    |   | in  | 40.1  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1850  |
|    |   | in  | 72.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3811  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5350  |
|    |   | in  | 210.6 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2572  |
|    |   | in  | 101.3 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2470  |
|    |   | in  | 97.3  |
| 14 | Overall Carriage Height   | mm  | 1603  |
|    |   | in  | 63.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2366  |
|    |   | in  | 93.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 10500 |
|    |   | lbs | 23142 |
|    | Operating Weight  | kg  | 19534 |
|    |   | lbs | 43054 |

\*Negative values indicate below grade

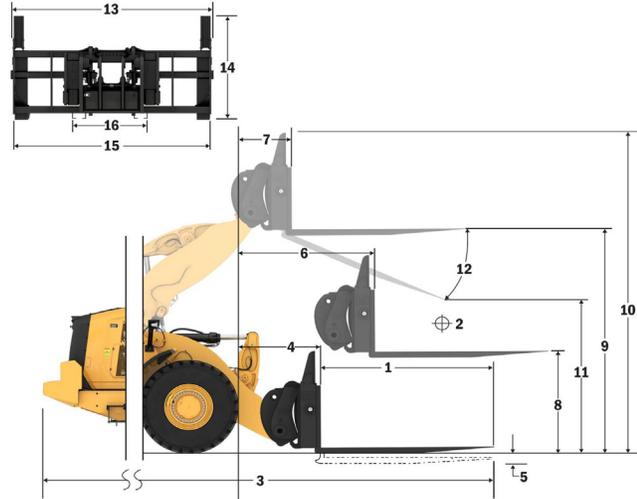
### 950 LOG

Log & Lumber Fork, No TC, FUSION

48" Tine

379-2063

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

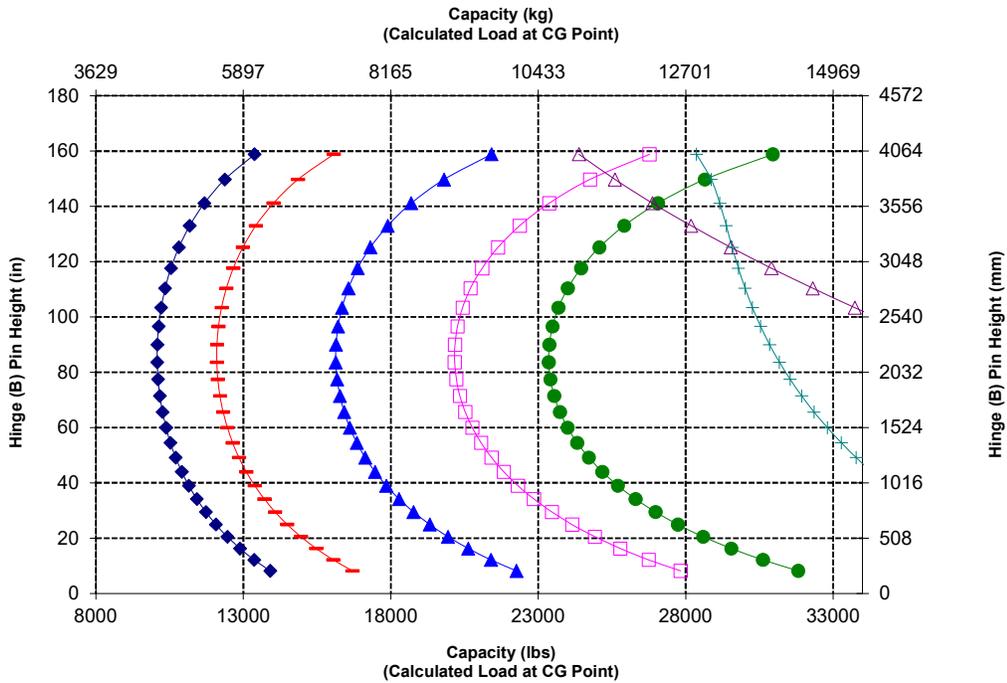
**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 10587 |
|    |   | lbs | 23335 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 9144  |
|    |   | lbs | 20152 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4572  |
|    |   | lbs | 10076 |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5486  |
|    |   | lbs | 12091 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7315  |
|    |   | lbs | 16122 |
| 3  | Maximum Overall Length  | mm  | 8660  |
|    |   | in  | 340.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1214  |
|    |   | in  | 47.8  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1761  |
|    |   | in  | 69.3  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1024  |
|    |   | in  | 40.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1850  |
|    |   | in  | 72.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3811  |
|    |   | in  | 150.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5347  |
|    |   | in  | 210.5 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2567  |
|    |   | in  | 101.1 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2176  |
|    |   | in  | 85.7  |
| 14 | Overall Carriage Height   | mm  | 1601  |
|    |   | in  | 63.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2084  |
|    |   | in  | 82.0  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 10500 |
|    |   | lbs | 23142 |
|    | Operating Weight  | kg  | 19514 |
|    |   | lbs | 43010 |

\*Negative values indicate below grade

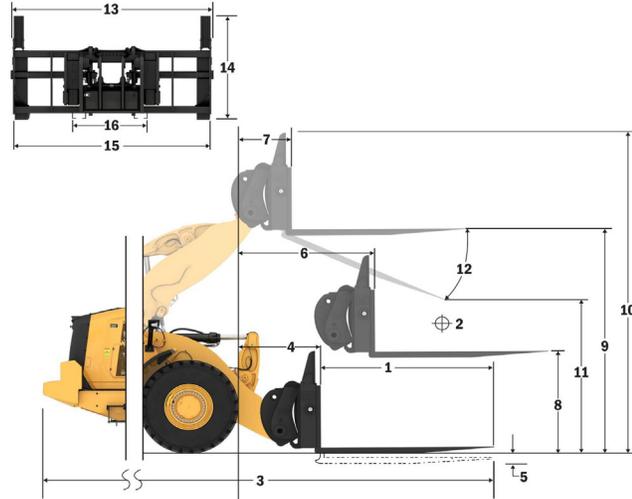
### 950 LOG

Log & Lumber Fork, No TC, FUSION

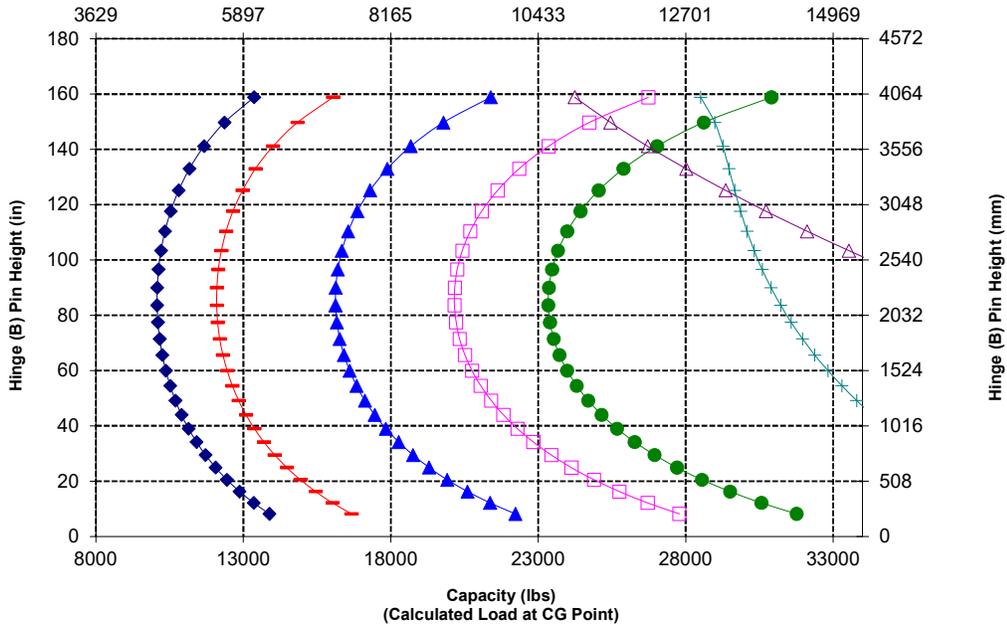
48" Tine

435-4068

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9860  |
|    |   | lbs | 21731 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8489  |
|    |   | lbs | 18709 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4244  |
|    |   | lbs | 9354  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5093  |
|    |   | lbs | 11225 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6791  |
|    |   | lbs | 14967 |
| 3  | Maximum Overall Length  | mm  | 9007  |
|    |   | in  | 354.6 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1256  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1786  |
|    |   | in  | 70.3  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1049  |
|    |   | in  | 41.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1875  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3836  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5350  |
|    |   | in  | 210.6 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2315  |
|    |   | in  | 91.1  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2470  |
|    |   | in  | 97.3  |
| 14 | Overall Carriage Height   | mm  | 1603  |
|    |   | in  | 63.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2366  |
|    |   | in  | 93.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 15906 |
|    |   | lbs | 35057 |
|    | Operating Weight  | kg  | 19735 |
|    |   | lbs | 43497 |

\*Negative values indicate below grade

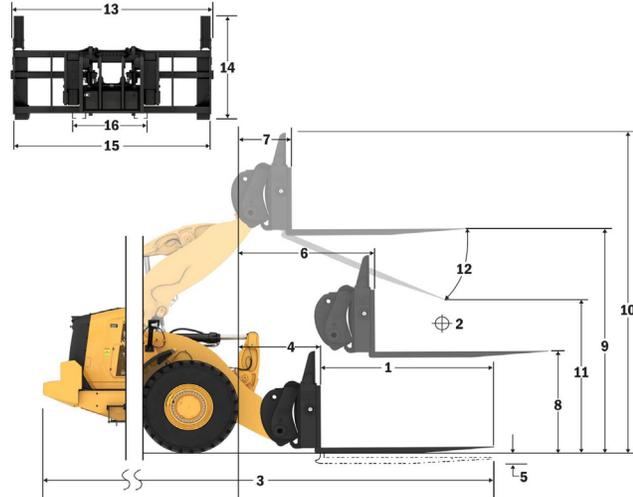
### 950 LOG

#### Log & Lumber Fork, No TC, FUSION

60" Tine

379-2109

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

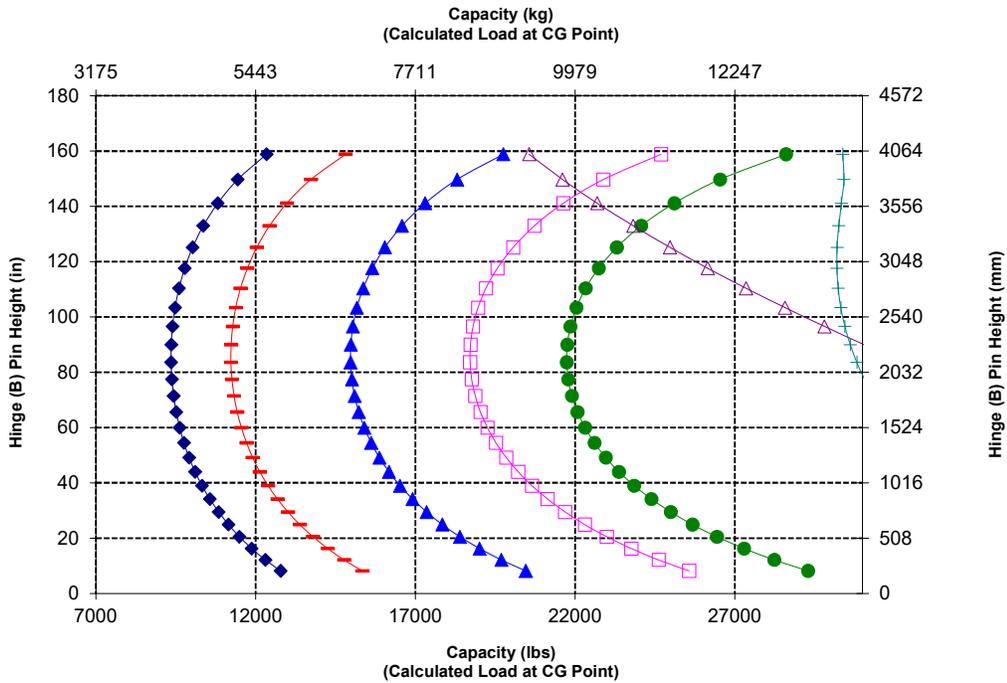
**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9854  |
|    |   | lbs | 21718 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8486  |
|    |   | lbs | 18702 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4243  |
|    |   | lbs | 9351  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5091  |
|    |   | lbs | 11221 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6788  |
|    |   | lbs | 14962 |
| 3  | Maximum Overall Length  | mm  | 9007  |
|    |   | in  | 354.6 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1256  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1786  |
|    |   | in  | 70.3  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1049  |
|    |   | in  | 41.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1875  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3836  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5347  |
|    |   | in  | 210.5 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2315  |
|    |   | in  | 91.1  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2176  |
|    |   | in  | 85.7  |
| 14 | Overall Carriage Height   | mm  | 1601  |
|    |   | in  | 63.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2084  |
|    |   | in  | 82.0  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 15906 |
|    |   | lbs | 35057 |
|    | Operating Weight  | kg  | 19715 |
|    |   | lbs | 43453 |

\*Negative values indicate below grade

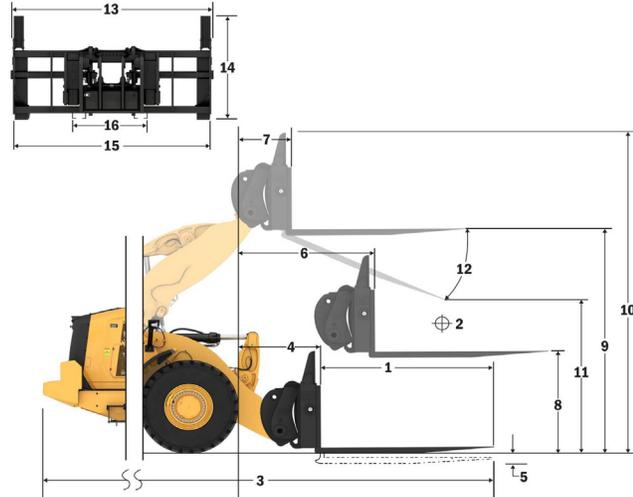
## 950 LOG

Log & Lumber Fork, No TC, FUSION

60" Tine

435-4634

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



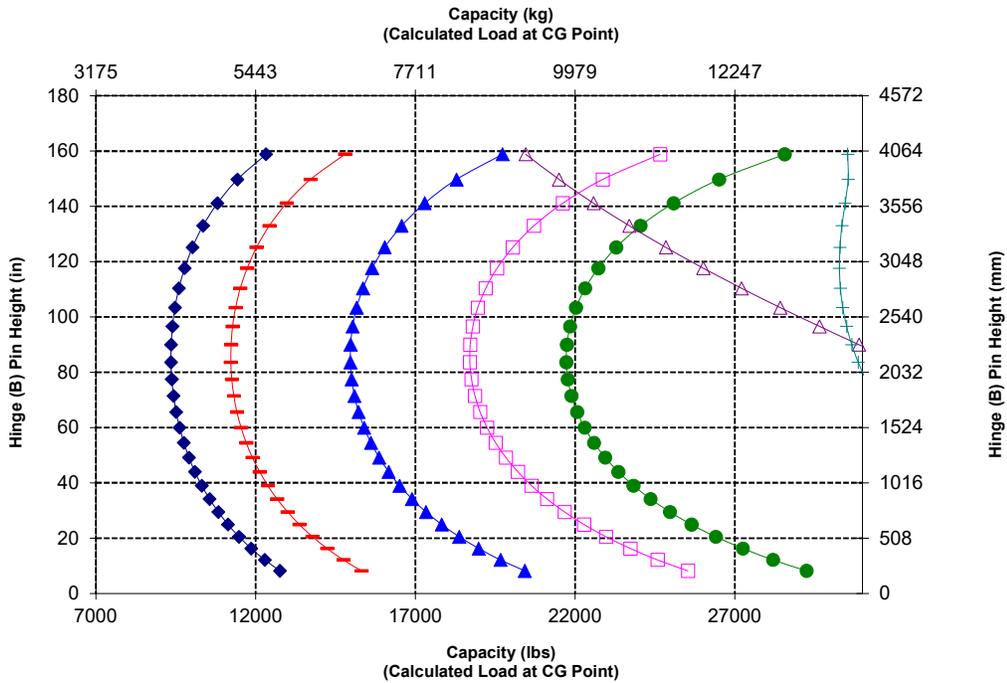
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9703  |
|    |   | lbs | 21385 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8353  |
|    |   | lbs | 18410 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4177  |
|    |   | lbs | 9205  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5012  |
|    |   | lbs | 11046 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6683  |
|    |   | lbs | 14728 |
| 3  | Maximum Overall Length  | mm  | 9021  |
|    |   | in  | 355.2 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1270  |
|    |   | in  | 50.0  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -70   |
|    |   | in  | -2.8  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1826  |
|    |   | in  | 71.9  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1089  |
|    |   | in  | 42.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1860  |
|    |   | in  | 73.2  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3821  |
|    |   | in  | 150.4 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5336  |
|    |   | in  | 210.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2420  |
|    |   | in  | 95.3  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 44    |
| 13 | Overall Carriage Width  | mm  | 2537  |
|    |   | in  | 99.9  |
| 14 | Overall Carriage Height   | mm  | 1578  |
|    |   | in  | 62.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2339  |
|    |   | in  | 92.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 742   |
|    |   | in  | 29.2  |
|    | Tine Width (single tine)  | mm  | 203.2 |
|    |   | in  | 8.0   |
|    | Tine Thickness  | mm  | 63.5  |
|    |   | in  | 2.5   |
|    | Tine Capacity   | kg  | 7170  |
|    |   | lbs | 15803 |
|    | Operating Weight  | kg  | 19734 |
|    |   | lbs | 43494 |

\*Negative values indicate below grade

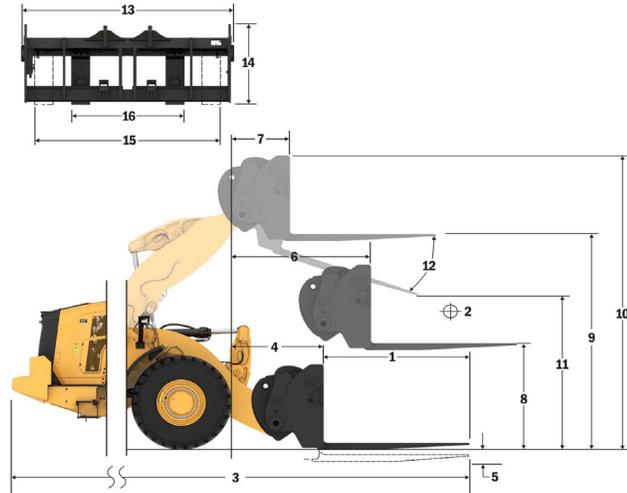
### 950 LOG

#### Log & Lumber Fork, Top Clamp, FUSION

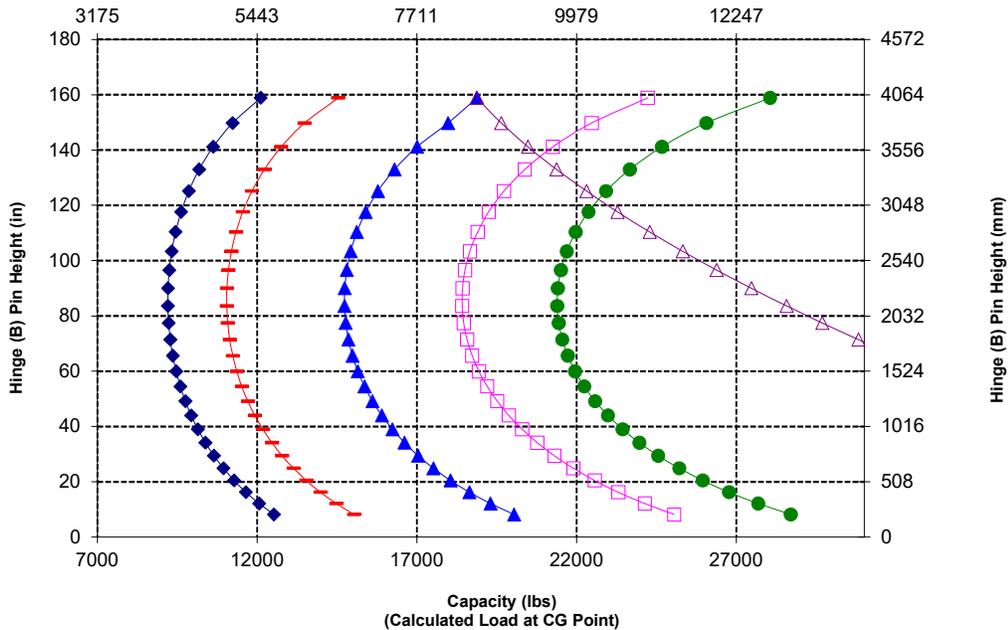
60" Tine

416-4599

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9369  |
|    |   | lbs | 20649 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8057  |
|    |   | lbs | 17757 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4028  |
|    |   | lbs | 8879  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4834  |
|    |   | lbs | 10654 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6445  |
|    |   | lbs | 14206 |
| 3  | Maximum Overall Length  | mm  | 9312  |
|    |   | in  | 366.6 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1256  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1786  |
|    |   | in  | 70.3  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1049  |
|    |   | in  | 41.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1875  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3836  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5350  |
|    |   | in  | 210.6 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2081  |
|    |   | in  | 81.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2470  |
|    |   | in  | 97.3  |
| 14 | Overall Carriage Height   | mm  | 1603  |
|    |   | in  | 63.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2366  |
|    |   | in  | 93.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12600 |
|    |   | lbs | 27770 |
|    | Operating Weight  | kg  | 19797 |
|    |   | lbs | 43633 |

\*Negative values indicate below grade

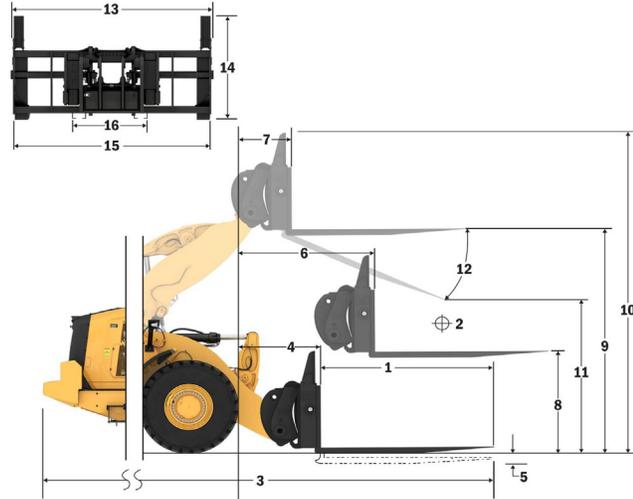
## 950 LOG

Log & Lumber Fork, No TC, FUSION

72" Tine

379-2199

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration

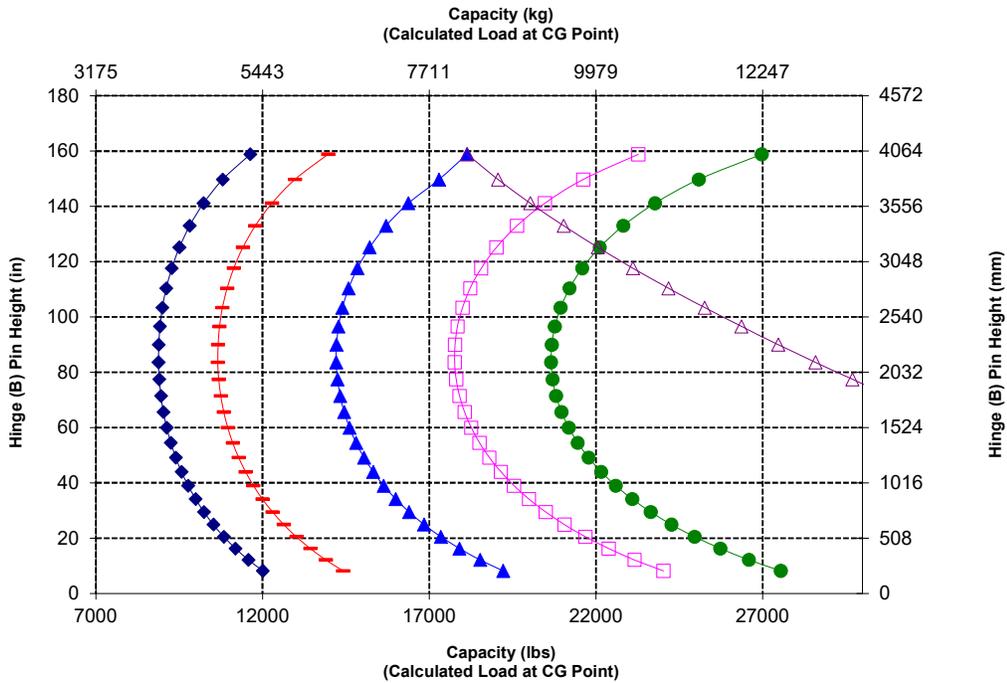


**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9950  |
|    |   | lbs | 21929 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8605  |
|    |   | lbs | 18965 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4302  |
|    |   | lbs | 9483  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5163  |
|    |   | lbs | 11379 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6884  |
|    |   | lbs | 15172 |
| 3  | Maximum Overall Length  | mm  | 9219  |
|    |   | in  | 363.0 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1163  |
|    |   | in  | 45.8  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1692  |
|    |   | in  | 66.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 955   |
|    |   | in  | 37.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1873  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3834  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5345  |
|    |   | in  | 210.4 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2243  |
|    |   | in  | 88.3  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 46    |
| 13 | Overall Carriage Width  | mm  | 2470  |
|    |   | in  | 97.3  |
| 14 | Overall Carriage Height   | mm  | 1601  |
|    |   | in  | 63.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2366  |
|    |   | in  | 93.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12600 |
|    |   | lbs | 27770 |
|    | Operating Weight  | kg  | 19294 |
|    |   | lbs | 42525 |

\*Negative values indicate below grade

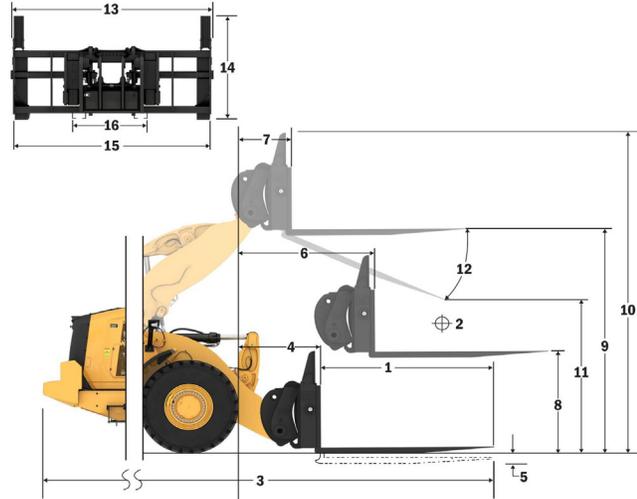
### 950 LOG

Log & Lumber Fork, No TC, Pin-On

72" Tine

379-2344

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



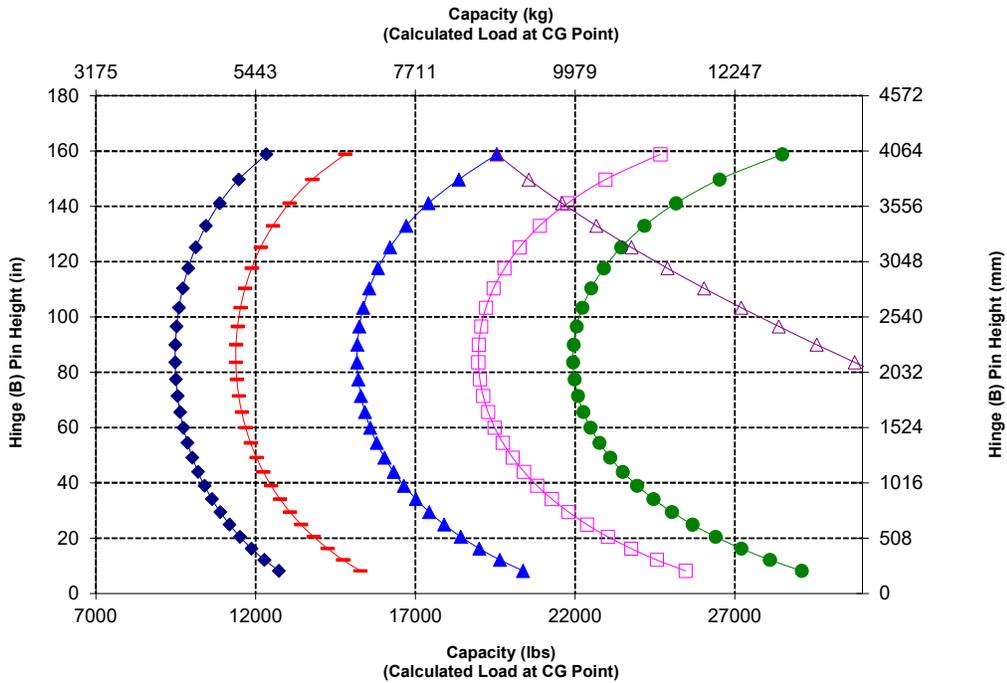
**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9364  |
|    |   | lbs | 20639 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8055  |
|    |   | lbs | 17752 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4027  |
|    |   | lbs | 8876  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4833  |
|    |   | lbs | 10651 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6444  |
|    |   | lbs | 14202 |
| 3  | Maximum Overall Length  | mm  | 9312  |
|    |   | in  | 366.6 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1256  |
|    |   | in  | 49.4  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1786  |
|    |   | in  | 70.3  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1049  |
|    |   | in  | 41.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1875  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3836  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5347  |
|    |   | in  | 210.5 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2081  |
|    |   | in  | 81.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2176  |
|    |   | in  | 85.7  |
| 14 | Overall Carriage Height   | mm  | 1601  |
|    |   | in  | 63.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2084  |
|    |   | in  | 82.0  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12600 |
|    |   | lbs | 27770 |
|    | Operating Weight  | kg  | 19777 |
|    |   | lbs | 43589 |

\*Negative values indicate below grade

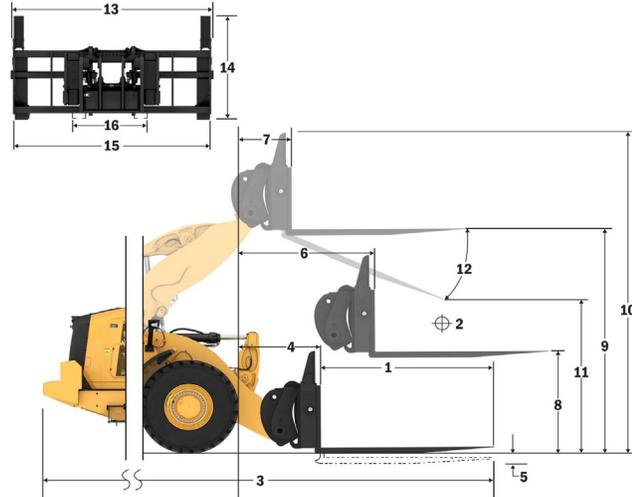
## 950 LOG

Log & Lumber Fork, No TC, FUSION

72" Tine

435-4684

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

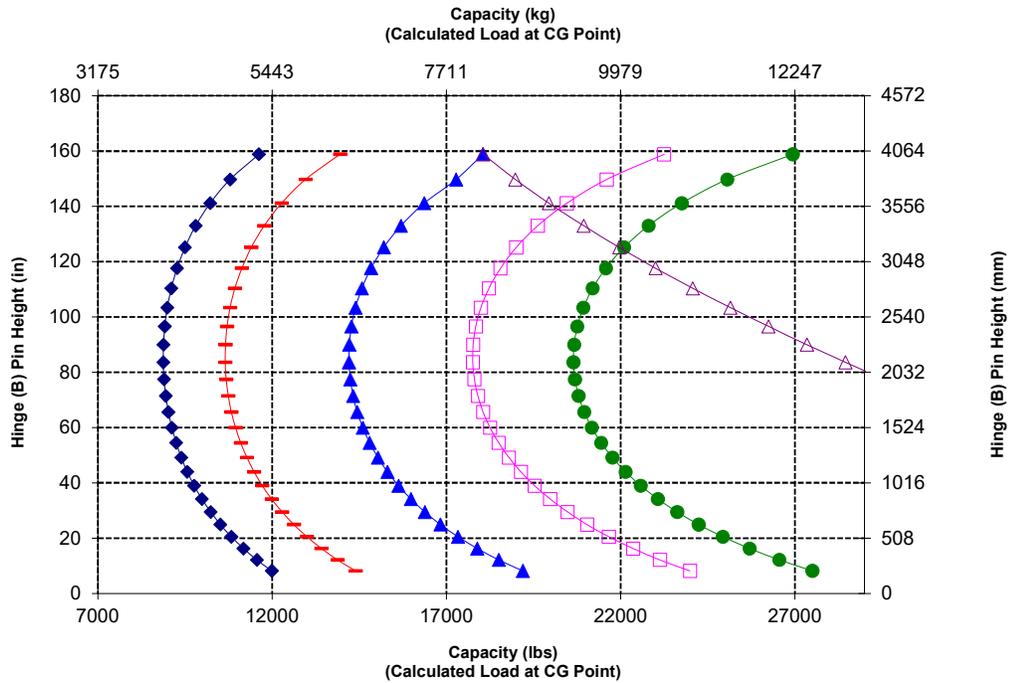
**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8487  |
|    |   | lbs | 18706 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7280  |
|    |   | lbs | 16045 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3640  |
|    |   | lbs | 8022  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4368  |
|    |   | lbs | 9627  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5824  |
|    |   | lbs | 12836 |
| 3  | Maximum Overall Length  | mm  | 9922  |
|    |   | in  | 390.6 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1257  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1787  |
|    |   | in  | 70.3  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1049  |
|    |   | in  | 41.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1875  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3836  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5350  |
|    |   | in  | 210.6 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1614  |
|    |   | in  | 63.6  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2470  |
|    |   | in  | 97.3  |
| 14 | Overall Carriage Height   | mm  | 1603  |
|    |   | in  | 63.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2366  |
|    |   | in  | 93.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 10100 |
|    |   | lbs | 22260 |
|    | Operating Weight  | kg  | 19925 |
|    |   | lbs | 43915 |

\*Negative values indicate below grade

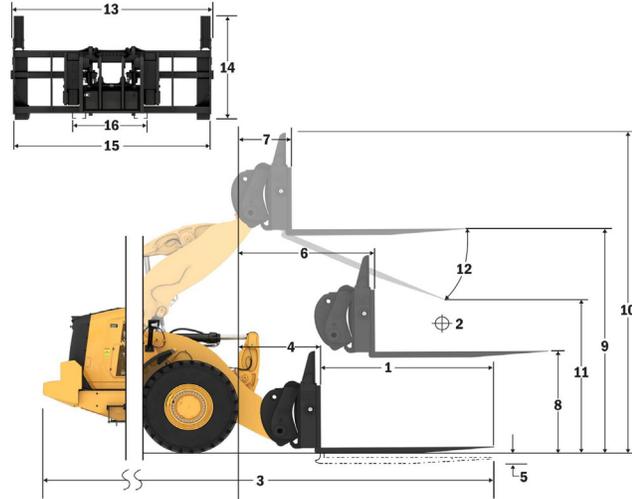
### 950 LOG

Log & Lumber Fork, No TC, FUSION

96" Tine

379-2321

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Lift Capacity

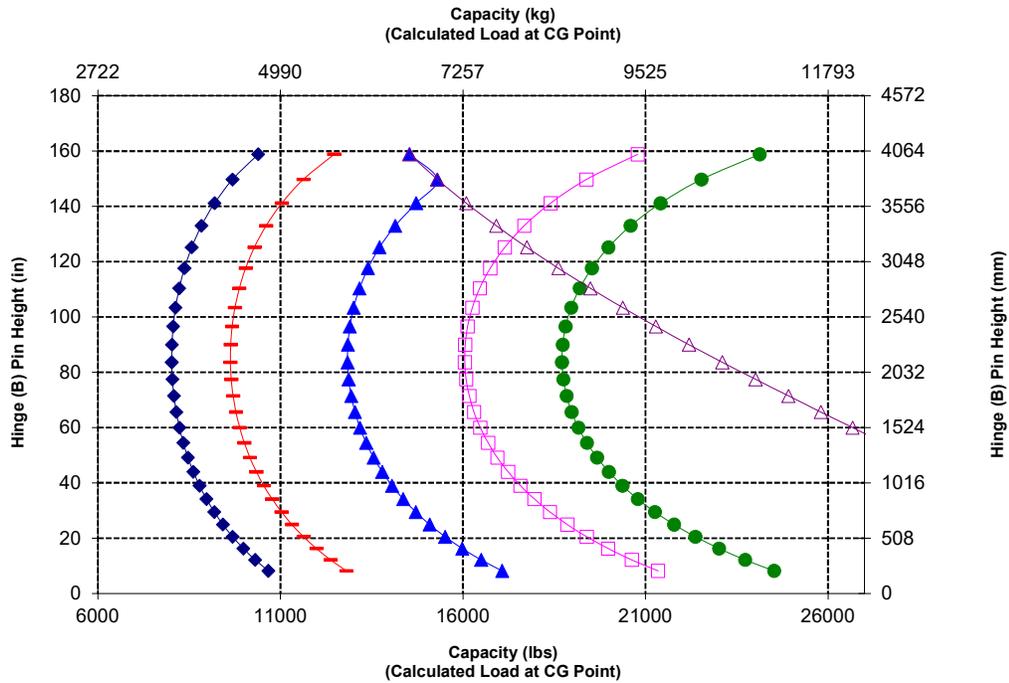
**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9004  |
|    |   | lbs | 19846 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7769  |
|    |   | lbs | 17123 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3884  |
|    |   | lbs | 8561  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4661  |
|    |   | lbs | 10274 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6215  |
|    |   | lbs | 13698 |
| 3  | Maximum Overall Length  | mm  | 9829  |
|    |   | in  | 387.0 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1164  |
|    |   | in  | 45.8  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -83   |
|    |   | in  | -3.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1692  |
|    |   | in  | 66.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 955   |
|    |   | in  | 37.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1873  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3834  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5345  |
|    |   | in  | 210.4 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1805  |
|    |   | in  | 71.1  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 46    |
| 13 | Overall Carriage Width  | mm  | 2470  |
|    |   | in  | 97.3  |
| 14 | Overall Carriage Height   | mm  | 1601  |
|    |   | in  | 63.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2366  |
|    |   | in  | 93.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 10100 |
|    |   | lbs | 22260 |
|    | Operating Weight  | kg  | 19422 |
|    |   | lbs | 42807 |

\*Negative values indicate below grade

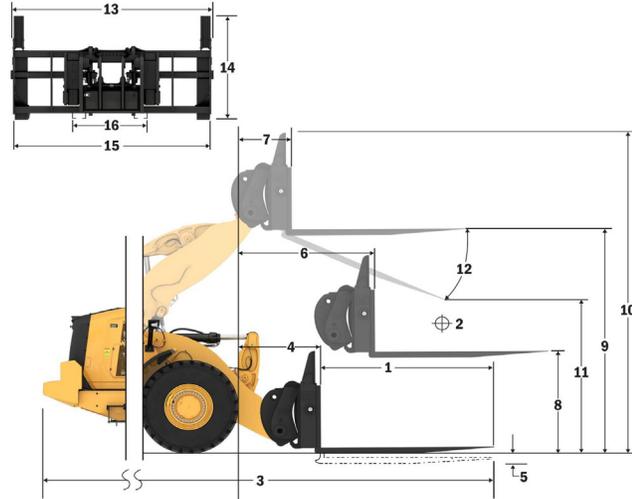
### 950 LOG

Log & Lumber Fork, No TC, Pin-On

96" Tine

379-2346

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



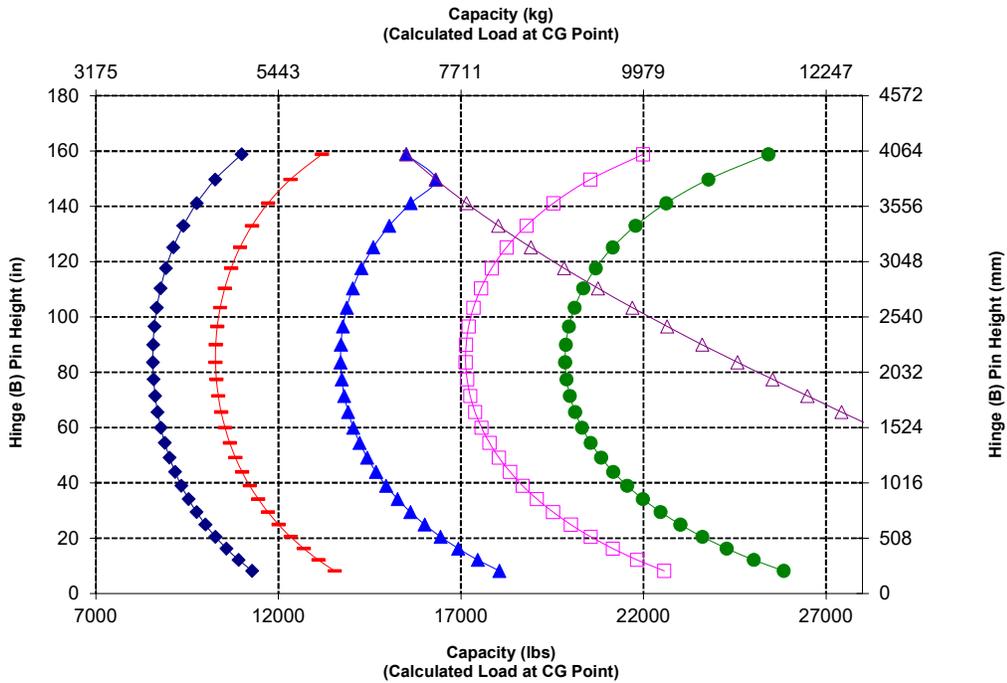
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJ T L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## Fork Specifications

### Fork Specifications

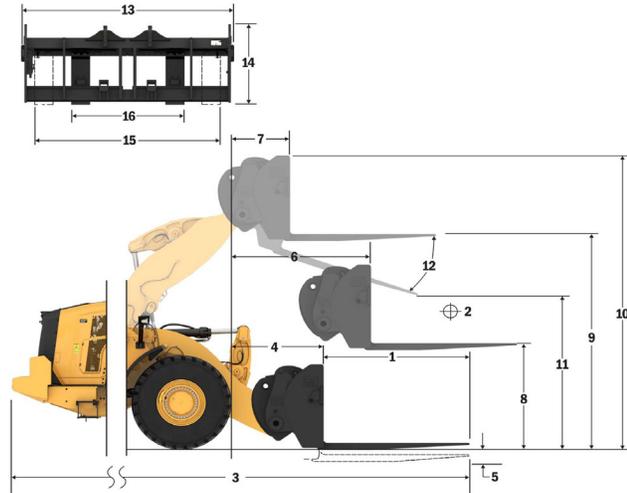
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8484  |
|    |   | lbs | 18699 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7279  |
|    |   | lbs | 16042 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3639  |
|    |   | lbs | 8021  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4367  |
|    |   | lbs | 9625  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5823  |
|    |   | lbs | 12834 |
| 3  | Maximum Overall Length  | mm  | 9922  |
|    |   | in  | 390.6 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1257  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -81   |
|    |   | in  | -3.2  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1787  |
|    |   | in  | 70.3  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1049  |
|    |   | in  | 41.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1875  |
|    |   | in  | 73.8  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3836  |
|    |   | in  | 151.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5347  |
|    |   | in  | 210.5 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1614  |
|    |   | in  | 63.6  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 50    |
| 13 | Overall Carriage Width  | mm  | 2176  |
|    |   | in  | 85.7  |
| 14 | Overall Carriage Height   | mm  | 1601  |
|    |   | in  | 63.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2084  |
|    |   | in  | 82.0  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 10100 |
|    |   | lbs | 22260 |
|    | Operating Weight  | kg  | 19905 |
|    |   | lbs | 43871 |

\*Negative values indicate below grade

### 950 LOG Log & Lumber Fork, FUSION

96" Tine  
435-4686

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration

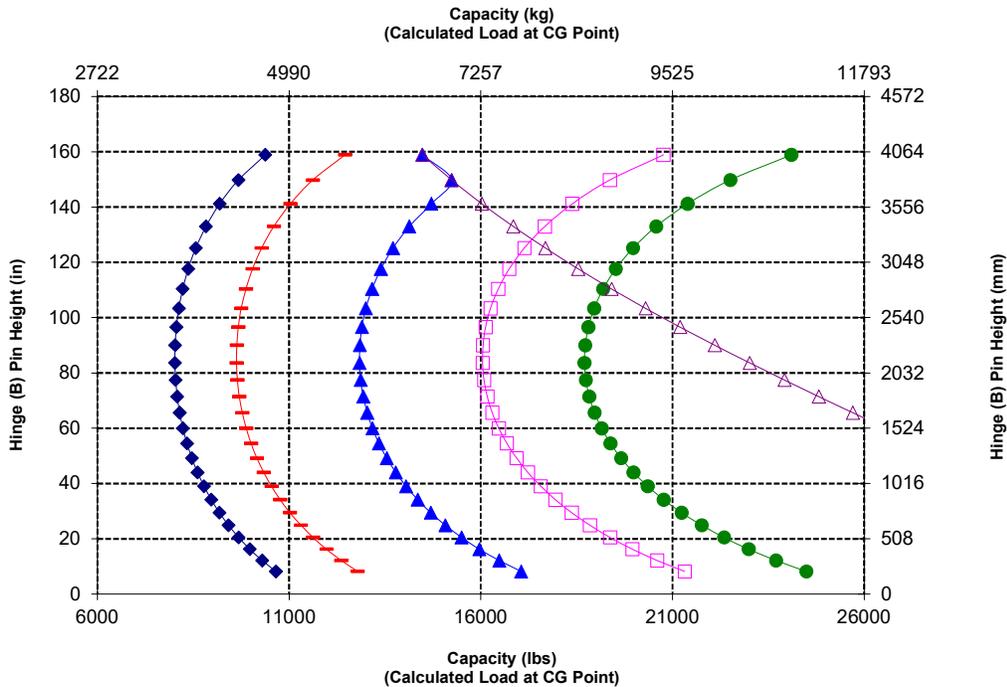


**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8386  |
|    |   | lbs | 18483 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7189  |
|    |   | lbs | 15844 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3594  |
|    |   | lbs | 7922  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4313  |
|    |   | lbs | 9507  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5751  |
|    |   | lbs | 12675 |
| 3  | Maximum Overall Length  | mm  | 9954  |
|    |   | in  | 391.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1289  |
|    |   | in  | 50.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -89   |
|    |   | in  | -3.5  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1813  |
|    |   | in  | 71.4  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1076  |
|    |   | in  | 42.3  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1867  |
|    |   | in  | 73.5  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3828  |
|    |   | in  | 150.7 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 5262  |
|    |   | in  | 207.2 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1782  |
|    |   | in  | 70.2  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 44    |
| 13 | Overall Carriage Width  | mm  | 2812  |
|    |   | in  | 110.7 |
| 14 | Overall Carriage Height   | mm  | 1524  |
|    |   | in  | 60.0  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2697  |
|    |   | in  | 106.2 |
| 16 | Outside Tine Width (min spread)                                 | mm  | 1002  |
|    |   | in  | 39.4  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 10100 |
|    |   | lbs | 22260 |
|    | Operating Weight  | kg  | 19956 |
|    |   | lbs | 43984 |

\*Negative values indicate below grade

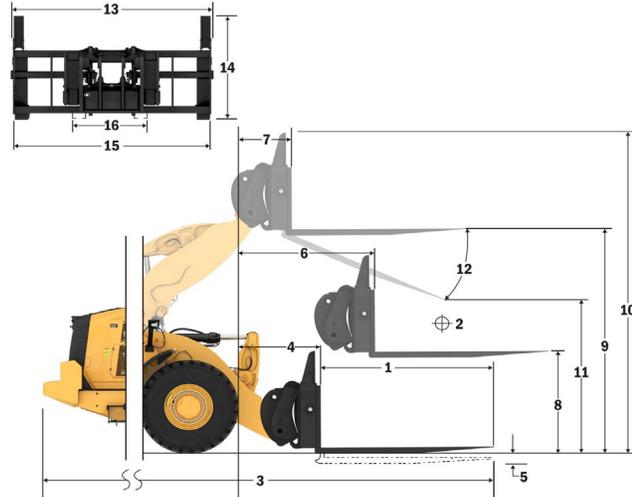
### 950 LOG

Log & Lumber Fork, No TC, FUSION

96" Tine

464-3422

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



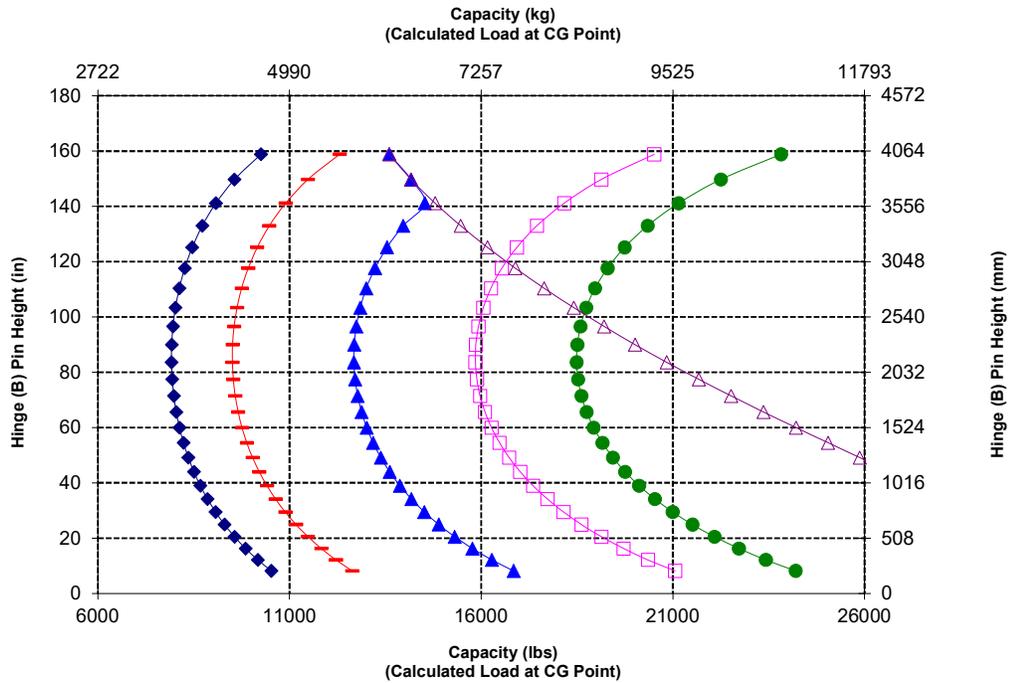
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |                 |         |
|----|---|-----------------|---------|
| 1  | Tine length   | mm              | 1219    |
|    |   | in              | 48.0    |
| 2  | Fork width  | mm              | 1893    |
|    |   | in              | 74.5    |
|    | End area  | m <sup>2</sup>  | 1.45    |
|    |   | ft <sup>2</sup> | 16      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|    |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 325     |
|    |   | in              | 13      |
|    | Operating Weight  | kg              | 20468   |
|    |   | lbs             | 45124   |
| 5  | Distance inside of tine tips                                | mm              | 1409    |
|    |   | in              | 55      |
|    | Static tipping load, articulated<br>Fork level              | kg              | 8058    |
|    |   | lbs             | 17763.6 |
|    | Static tipping load, straight<br>Fork level                 | kg              | 9467    |
|    |   | lbs             | 20871.1 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 2932    |
|    |   | in              | 115.4   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2535    |
|    |   | in              | 99.8    |
| 8  | Clearance @ full lift fork level                            | mm              | 3732    |
|    |   | in              | 146.9   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1640    |
|    |   | in              | 64.6    |
| 10 | Reach w/lift arm horizontal and fork level                  | mm              | 3125    |
|    |   | in              | 123.0   |
| 11 | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -96     |
|    |   | in              | -3.8    |
| 12 | Width over tines  | mm              | 1769    |
|    |   | in              | 69.6    |
| 13 | Reach @ ground level  | mm              | 2595    |
|    |   | in              | 102     |
| 14 | Max. opening across tine and clamp                          | mm              | 2635    |
|    |   | in              | 103.7   |
| 15 | Overall height of fork @ full lift and<br>clamp open        | mm              | 6664    |
|    |   | in              | 262.3   |
| 16 | Overall length  | mm              | 8822    |
|    | Tip of tine to rear of machine                              | in              | 347.3   |
| 17 | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2348    |
|    |   | in              | 92.5    |
| 18 | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1770.6  |
|    |   | in              | 69.7    |
| 19 | Reach @ full lift and fork level                            | mm              | 2387.5  |
|    |   | in              | 94.0    |
| 20 | Max. discharge angle from horizontal                        | deg             | 57      |
|    |   | rad             | 1.0     |
|    | Tine Capacity   | kg              | 14100   |
|    |   | lbs             | 31076   |

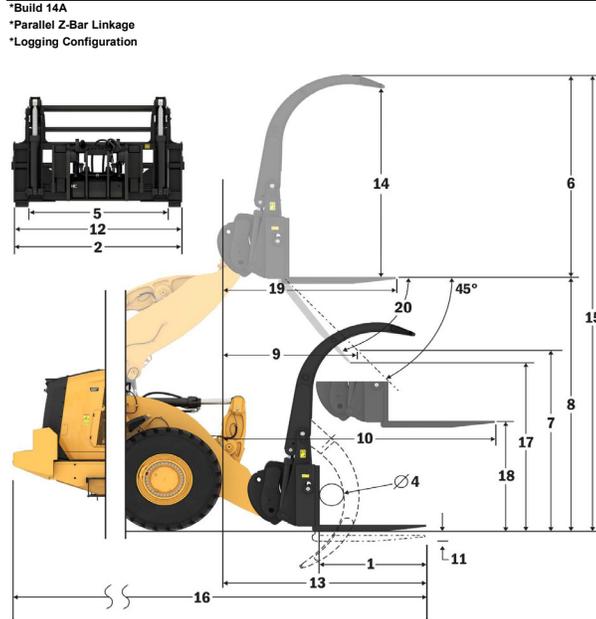
\*Negative values indicate below grade

### 950 LOG

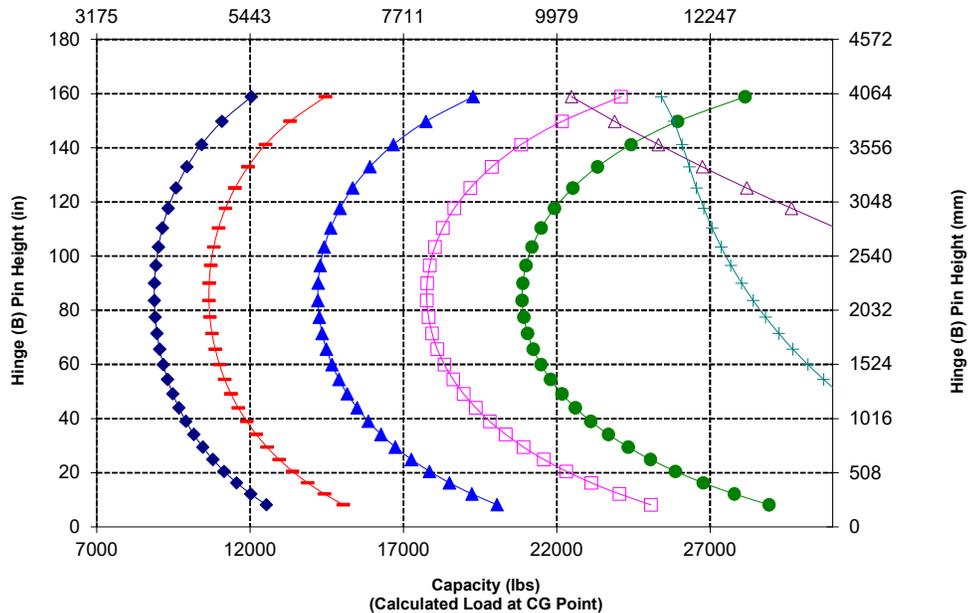
Log & Lumber Fork, Top Clamp, FUSION

48" Tine

380-8227



Capacity (kg)  
(Calculated Load at CG Point)



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|  |   |                 |         |
|--|---|-----------------|---------|
| 1  | Tine length   | mm              | 1219    |
|  |   | in              | 48.0    |
| 2  | Fork width  | mm              | 1923    |
|  |   | in              | 75.7    |
| End area                                       |   | m <sup>2</sup>  | 1.45    |
|  |   | ft <sup>2</sup> | 16      |
| 3  | Inside Height<br>(only applies to double top clamp)         | mm              | 0       |
|  |   | in              | 0       |
| 4  | Min. opening<br>(only applies to millyard forks)            | mm              | 325     |
|  |   | in              | 13      |
| Operating Weight                               |   | kg              | 19951   |
|  |   | lbs             | 43985   |
| 5  | Distance inside of tine tips                                | mm              | 1409    |
|  |   | in              | 55      |
| Static tipping load, articulated<br>Fork level |   | kg              | 8781    |
|  |   | lbs             | 19358.1 |
| Static tipping load, straight<br>Fork level    |   | kg              | 10246   |
|  |   | lbs             | 22588.6 |
| 6  | Max. height of fork<br>(w/clamp open if applicable)         | mm              | 2932    |
|  |   | in              | 115.4   |
| 7  | Clearance w/full lift, 45 deg dump<br>(if max. dump <= 45)  | mm              | 2618    |
|  |   | in              | 103.1   |
| 8  | Clearance @ full lift fork level                            | mm              | 3732    |
|  |   | in              | 146.9   |
| 9  | Reach w/full lift, 45 deg dump<br>(if max. dump <= 45)      | mm              | 1557    |
|  |   | in              | 61.3    |
| 10   | Reach w/lift arm horizontal and fork level                  | mm              | 3007    |
|  |   | in              | 118.4   |
| 11   | *Ground to Bottom of Tool at Minimum Height and Tool Level  | mm              | -95     |
|  |   | in              | -3.8    |
| 12   | Width over tines  | mm              | 1769    |
|  |   | in              | 69.6    |
| 13   | Reach @ ground level  | mm              | 2477    |
|  |   | in              | 98      |
| 14   | Max. opening across tine and clamp                          | mm              | 2635    |
|  |   | in              | 103.7   |
| 15   | Overall height of fork @ full lift and<br>clamp open        | mm              | 6664    |
|  |   | in              | 262.3   |
| 16   | Overall length  | mm              | 8704    |
|  |   | in              | 342.7   |
| 17   | Clearance @ full lift and max. dump<br>Discharge (if <= 45) | mm              | 2603    |
|  |   | in              | 102.5   |
| 18   | Clearance w/horizontal lift arms and<br>fork level          | mm              | 1770.7  |
|  |   | in              | 69.7    |
| 19   | Reach @ full lift and fork level                            | mm              | 2270.1  |
|  |   | in              | 89.4    |
| 20   | Max. discharge angle from horizontal                        | deg             | 46      |
|  |   | rad             | 0.8     |
| Tine Capacity                                  |   | kg              | 14100   |
|  |   | lbs             | 31076   |

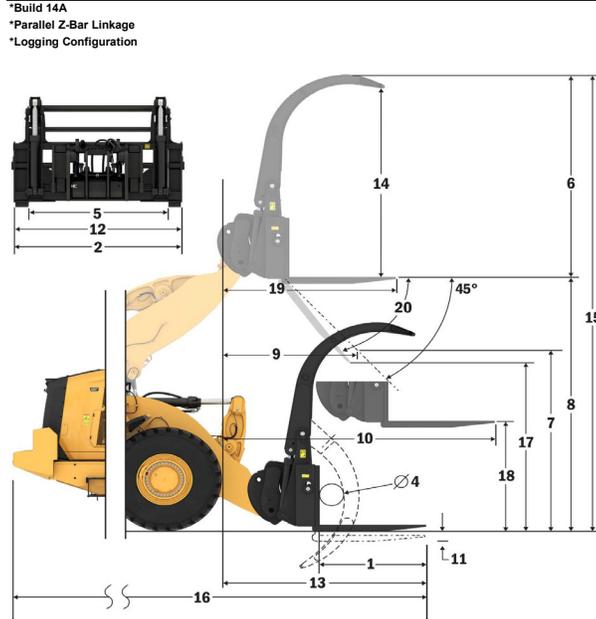
\*Negative values indicate below grade

### 950 LOG

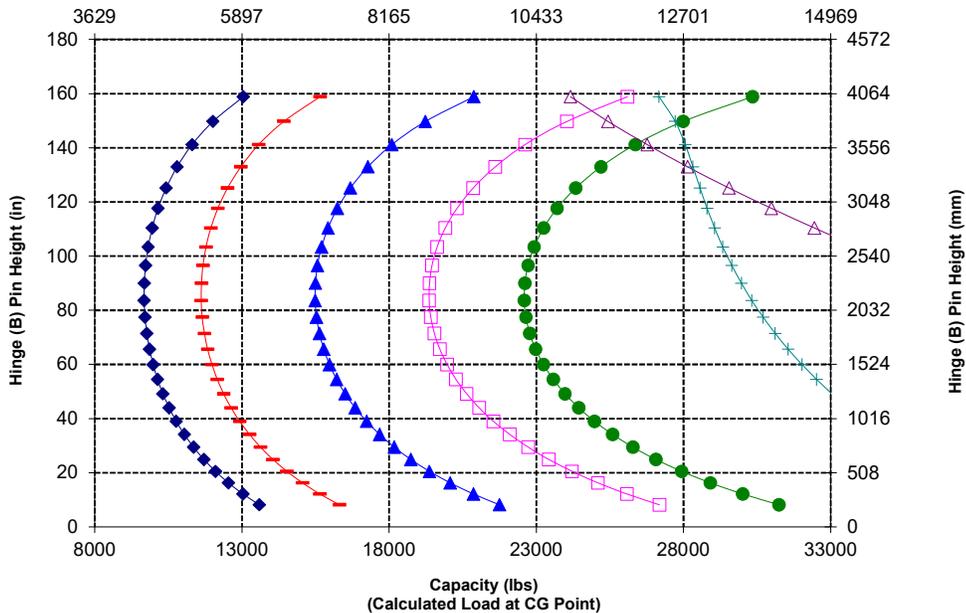
Log & Lumber Fork, Top Clamp, Pin-On

48" Tine

382-7885



Capacity (kg)  
(Calculated Load at CG Point)



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJ T L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



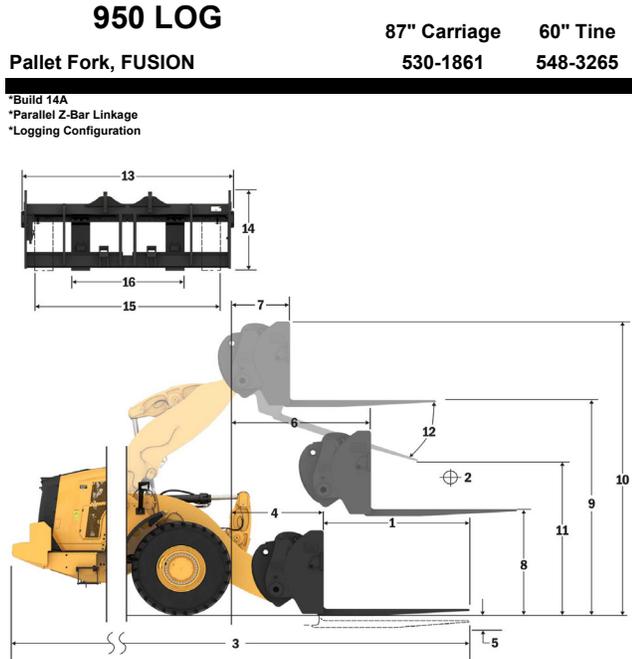
**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## Fork Specifications

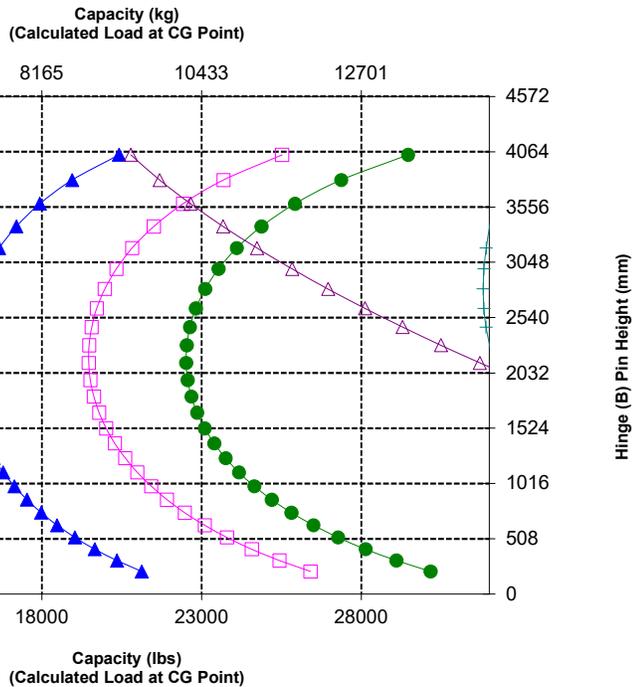
### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 10212 |
|    |   | lbs | 22506 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8830  |
|    |   | lbs | 19461 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4415  |
|    |   | lbs | 9730  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5298  |
|    |   | lbs | 11676 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7064  |
|    |   | lbs | 15568 |
| 3  | Maximum Overall Length  | mm  | 9009  |
|    |   | in  | 354.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1258  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -160  |
|    |   | in  | -6.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1752  |
|    |   | in  | 69.0  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1014  |
|    |   | in  | 39.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3733  |
|    |   | in  | 147.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4508  |
|    |   | in  | 177.5 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2365  |
|    |   | in  | 93.1  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 46    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 6300  |
|    |   | lbs | 13885 |
|    | Operating Weight  | kg  | 19410 |
|    |   | lbs | 42780 |

\*Negative values indicate below grade



\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1830  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9720  |
|    |   | lbs | 21422 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8398  |
|    |   | lbs | 18509 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4199  |
|    |   | lbs | 9255  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5039  |
|    |   | lbs | 11106 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6718  |
|    |   | lbs | 14808 |
| 3  | Maximum Overall Length  | mm  | 9315  |
|    |   | in  | 366.7 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1258  |
|    |   | in  | 49.5  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -160  |
|    |   | in  | -6.3  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1752  |
|    |   | in  | 69.0  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1014  |
|    |   | in  | 39.9  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1772  |
|    |   | in  | 69.7  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3733  |
|    |   | in  | 147.0 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4508  |
|    |   | in  | 177.5 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2145  |
|    |   | in  | 84.5  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 46    |
| 13 | Overall Carriage Width  | mm  | 2217  |
|    |   | in  | 87.3  |
| 14 | Overall Carriage Height   | mm  | 840   |
|    |   | in  | 33.1  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2070  |
|    |   | in  | 81.5  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 470   |
|    |   | in  | 18.5  |
|    | Tine Width (single tine)  | mm  | 150.0 |
|    |   | in  | 5.9   |
|    | Tine Thickness  | mm  | 65.0  |
|    |   | in  | 2.6   |
|    | Tine Capacity   | kg  | 5246  |
|    |   | lbs | 11562 |
|    | Operating Weight  | kg  | 19457 |
|    |   | lbs | 42884 |

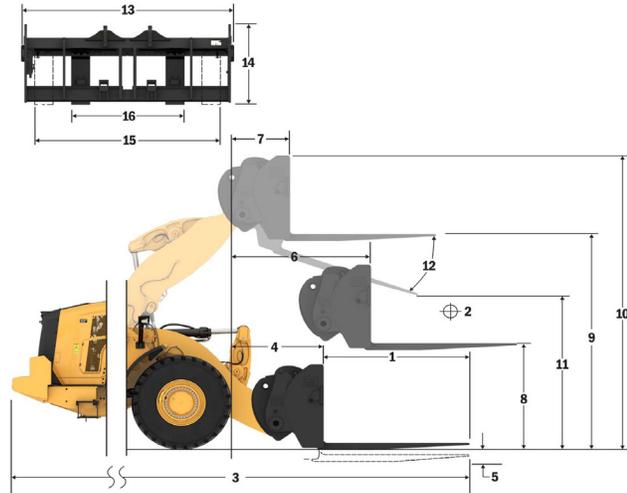
\*Negative values indicate below grade

### 950 LOG Pallet Fork, FUSION

87" Carriage 72" Tine

530-1861 530-1869

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



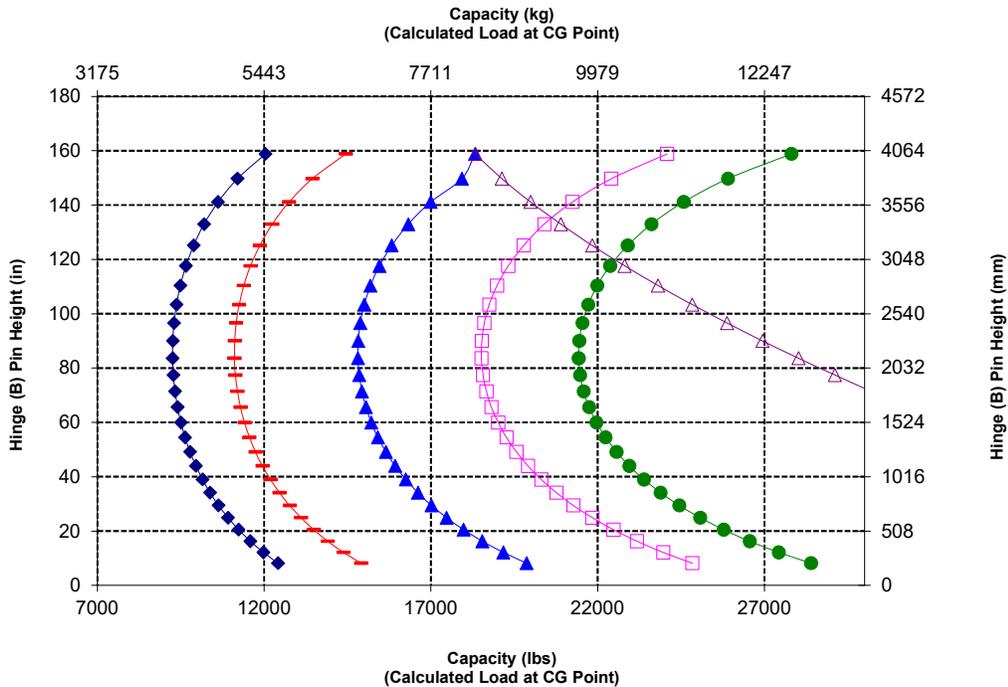
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

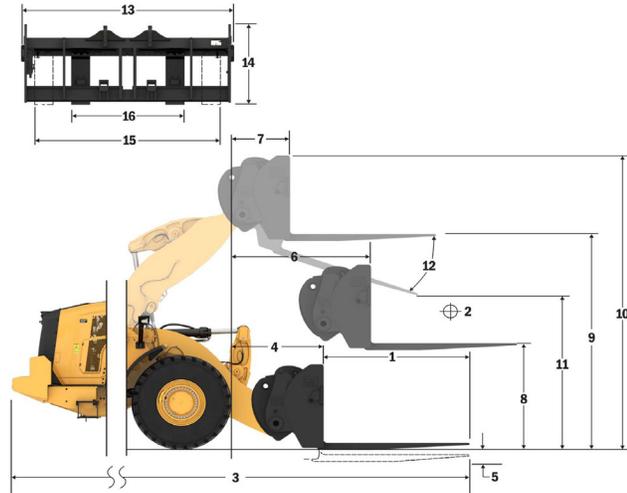
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9944  |
|    |   | lbs | 21916 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8558  |
|    |   | lbs | 18862 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4279  |
|    |   | lbs | 9431  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5135  |
|    |   | lbs | 11317 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6846  |
|    |   | lbs | 15089 |
| 3  | Maximum Overall Length  | mm  | 8964  |
|    |   | in  | 352.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1007  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2309  |
|    |   | in  | 90.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 19785 |
|    |   | lbs | 43607 |

\*Negative values indicate below grade

## 950 LOG Pallet Fork, FUSION

96" Carriage 60" Tine  
520-7957 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



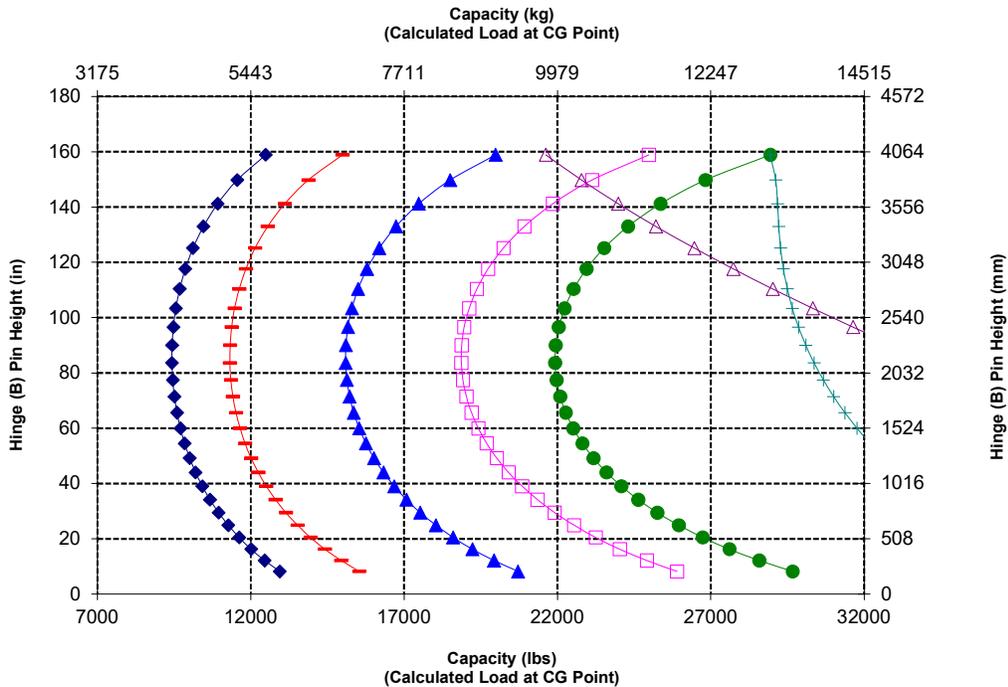
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.



# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

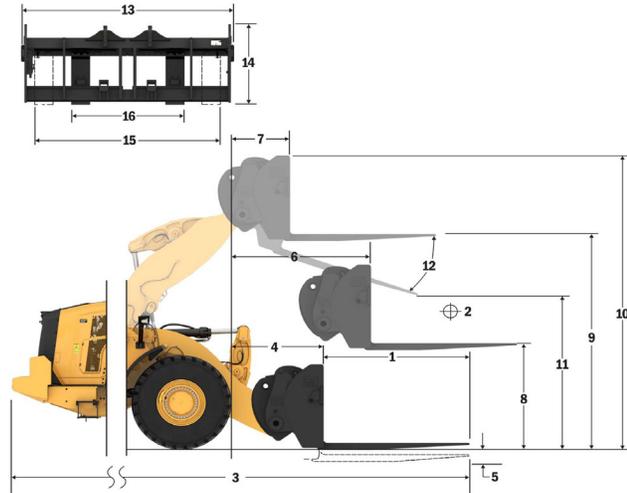
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8983  |
|    |   | lbs | 19799 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7713  |
|    |   | lbs | 17000 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3857  |
|    |   | lbs | 8500  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4628  |
|    |   | lbs | 10200 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6170  |
|    |   | lbs | 13600 |
| 3  | Maximum Overall Length  | mm  | 9574  |
|    |   | in  | 376.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1007  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1827  |
|    |   | in  | 71.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 19909 |
|    |   | lbs | 43880 |

\*Negative values indicate below grade

### 950 LOG Pallet Fork, FUSION

96" Carriage 84" Tine  
520-7957 520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



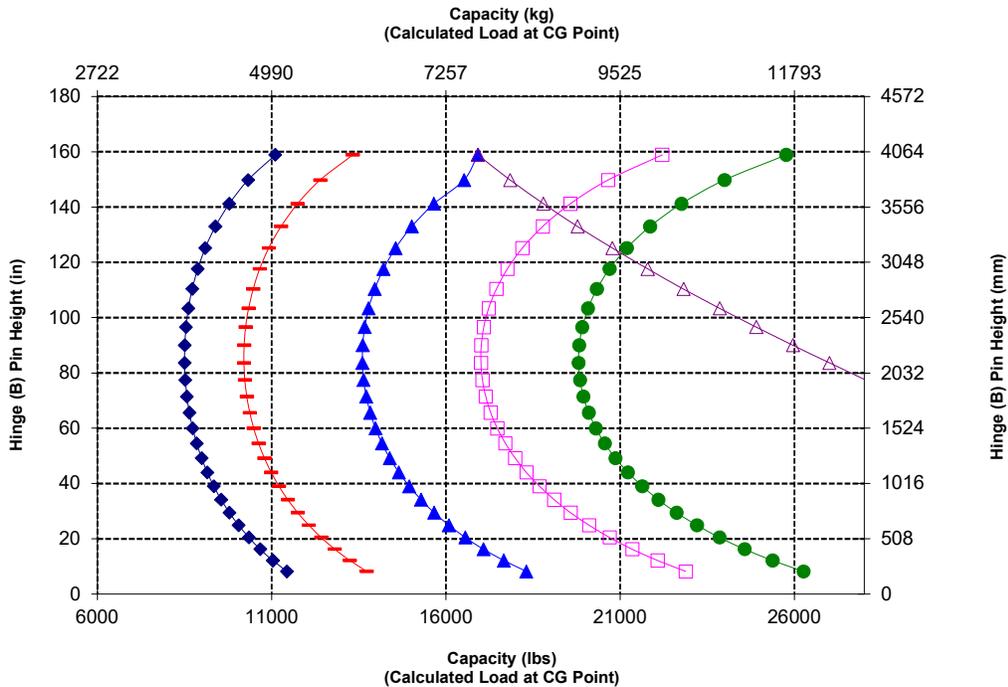
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Lift Capacity
- ◆ Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

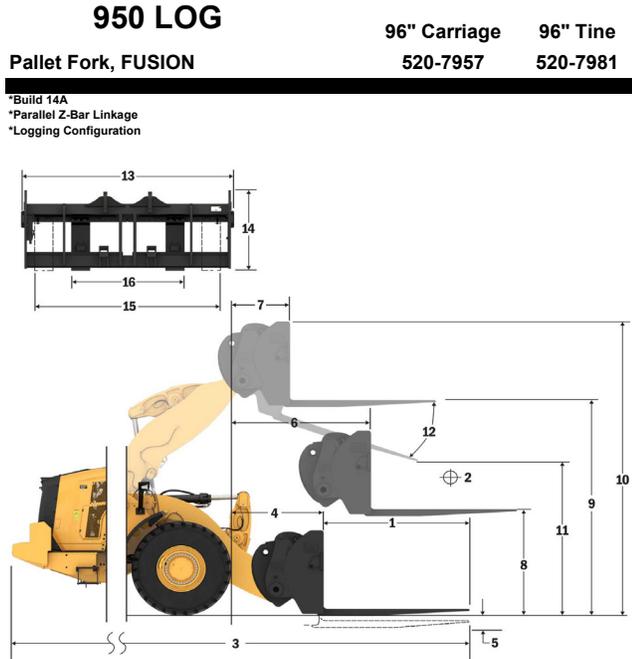
# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8555  |
|    |   | lbs | 18855 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7336  |
|    |   | lbs | 16168 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3668  |
|    |   | lbs | 8084  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4401  |
|    |   | lbs | 9701  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5868  |
|    |   | lbs | 12934 |
| 3  | Maximum Overall Length  | mm  | 9878  |
|    |   | in  | 388.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1007  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1587  |
|    |   | in  | 62.5  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2528  |
|    |   | in  | 99.5  |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2178  |
|    |   | in  | 85.7  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 576   |
|    |   | in  | 22.7  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 19971 |
|    |   | lbs | 44017 |

\*Negative values indicate below grade



**950 LOG**  
Pallet Fork, FUSION

96" Carriage  
520-7957

96" Tine  
520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration

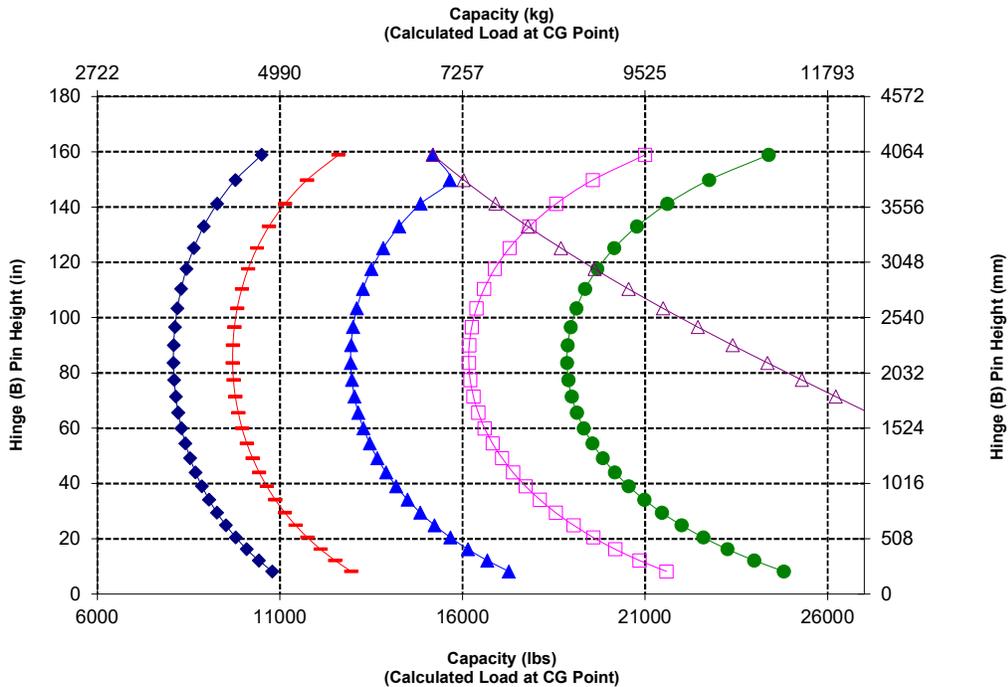
◆ Payload (SAE J1197)  
— Payload (CEN EN 474-3 - Rough Terrain)  
◆ Payload (CEN EN 474-3 - Firm & Level)  
— Static Tipping Load - Articulated  
— Static Tipping Load - Straight  
— Hydraulic Tilt Capacity  
— Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

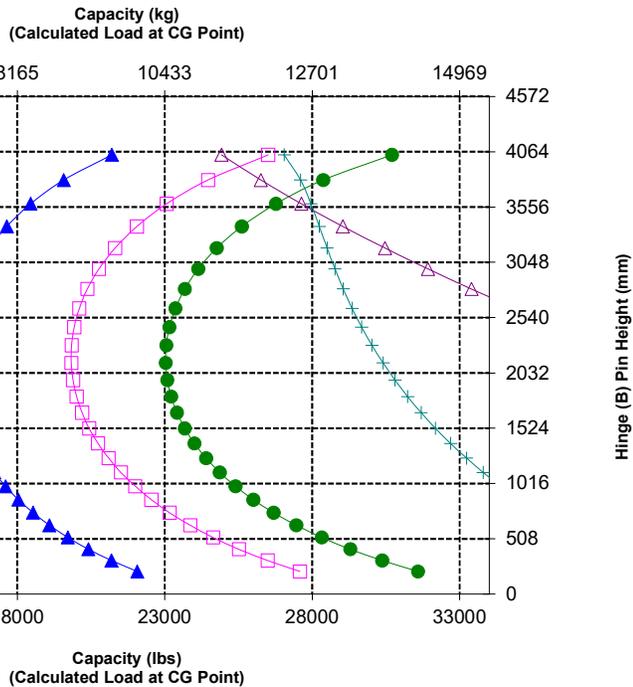
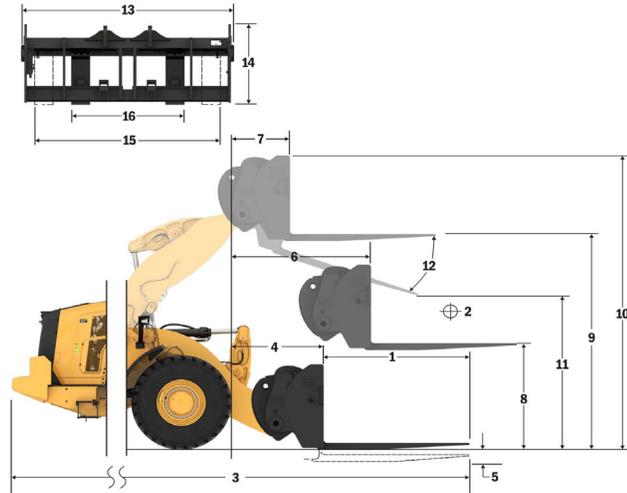
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1219  |
|    |   | in  | 48.0  |
| 2  | Load Center   | mm  | 610   |
|    |   | in  | 24.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 10446 |
|    |   | lbs | 23023 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8995  |
|    |   | lbs | 19824 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4497  |
|    |   | lbs | 9912  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5397  |
|    |   | lbs | 11894 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 7196  |
|    |   | lbs | 15859 |
| 3  | Maximum Overall Length  | mm  | 8659  |
|    |   | in  | 340.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1212  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1006  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2550  |
|    |   | in  | 100.4 |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2493  |
|    |   | in  | 98.1  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 22200 |
|    |   | lbs | 48929 |
|    | Operating Weight  | kg  | 19772 |
|    |   | lbs | 43578 |

\*Negative values indicate below grade

### 950 LOG Pallet Fork, FUSION

108" Carriage 48" Tine  
520-7968 520-7985

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

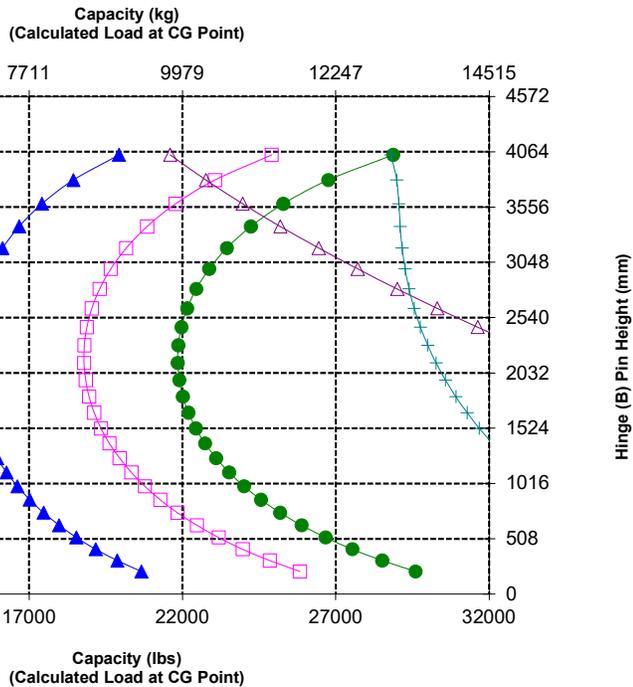
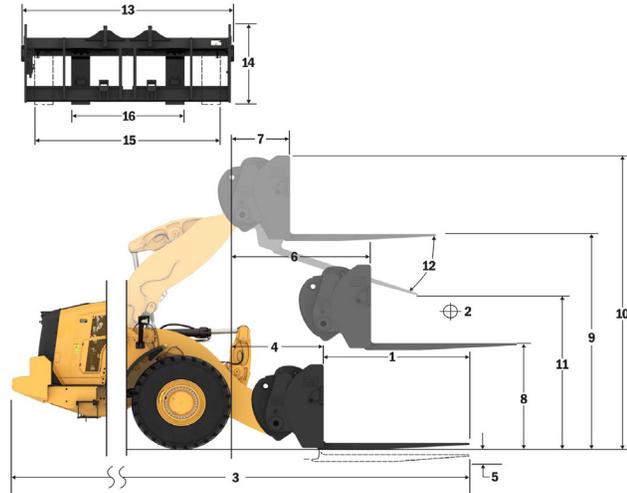
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1524  |
|    |   | in  | 60.0  |
| 2  | Load Center   | mm  | 762   |
|    |   | in  | 30.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9909  |
|    |   | lbs | 21839 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8523  |
|    |   | lbs | 18784 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4261  |
|    |   | lbs | 9392  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 5114  |
|    |   | lbs | 11271 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6818  |
|    |   | lbs | 15028 |
| 3  | Maximum Overall Length  | mm  | 8964  |
|    |   | in  | 352.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1007  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2309  |
|    |   | in  | 90.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 17800 |
|    |   | lbs | 39231 |
|    | Operating Weight  | kg  | 19834 |
|    |   | lbs | 43715 |

\*Negative values indicate below grade

### 950 LOG Pallet Fork, FUSION

108" Carriage 60" Tine  
520-7968 520-7980

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers

\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

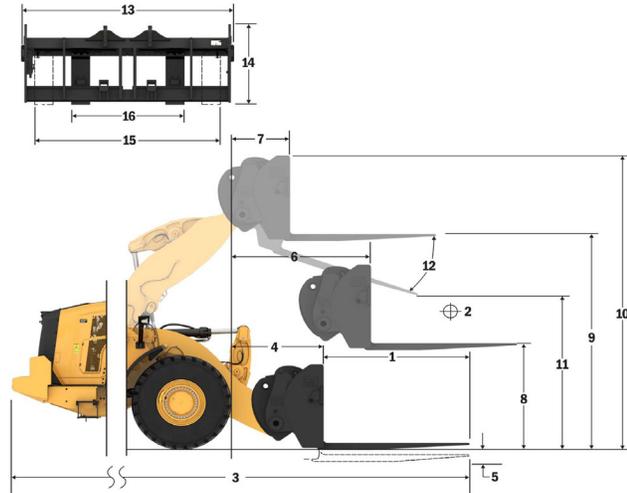
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 1829  |
|    |   | in  | 72.0  |
| 2  | Load Center   | mm  | 915   |
|    |   | in  | 36.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 9412  |
|    |   | lbs | 20743 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 8086  |
|    |   | lbs | 17822 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 4043  |
|    |   | lbs | 8911  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4852  |
|    |   | lbs | 10693 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6469  |
|    |   | lbs | 14257 |
| 3  | Maximum Overall Length  | mm  | 9269  |
|    |   | in  | 364.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1007  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 2068  |
|    |   | in  | 81.4  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 14800 |
|    |   | lbs | 32619 |
|    | Operating Weight  | kg  | 19896 |
|    |   | lbs | 43851 |

\*Negative values indicate below grade

## 950 LOG Pallet Fork, FUSION

108" Carriage 72" Tine  
520-7968 520-7979

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration



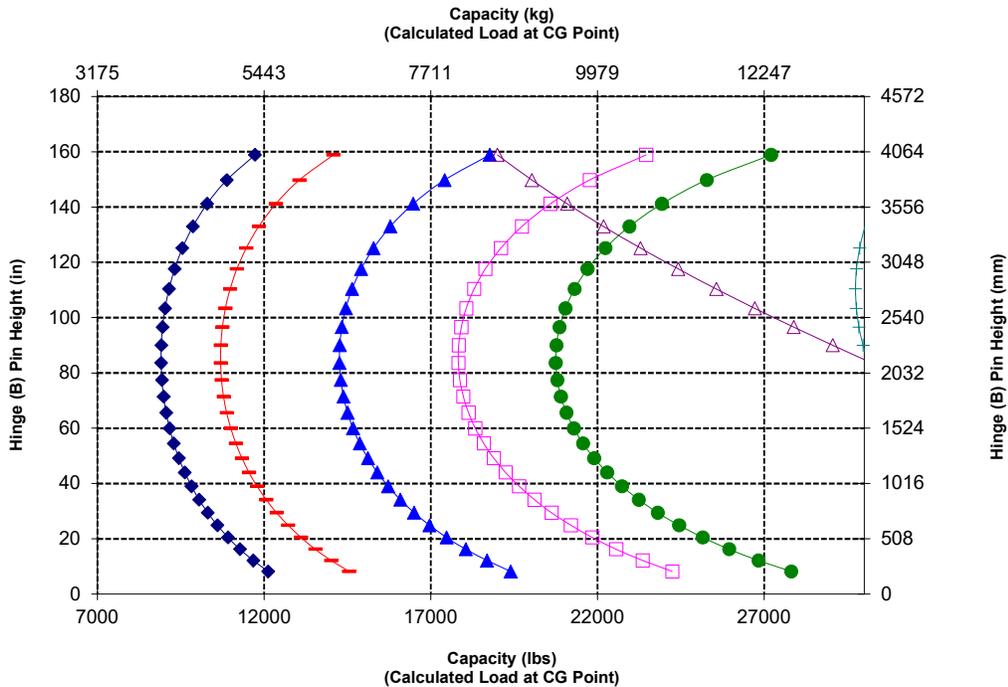
- ◆ Payload (SAE J1197)
- ◆ Payload (CEN EN 474-3 - Rough Terrain)
- ◆ Payload (CEN EN 474-3 - Firm & Level)
- ◆ Static Tipping Load - Articulated
- ◆ Static Tipping Load - Straight
- ◆ Hydraulic Tilt Capacity
- ◆ Hydraulic Lift Capacity

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJ T L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

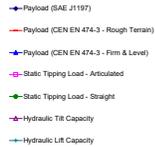
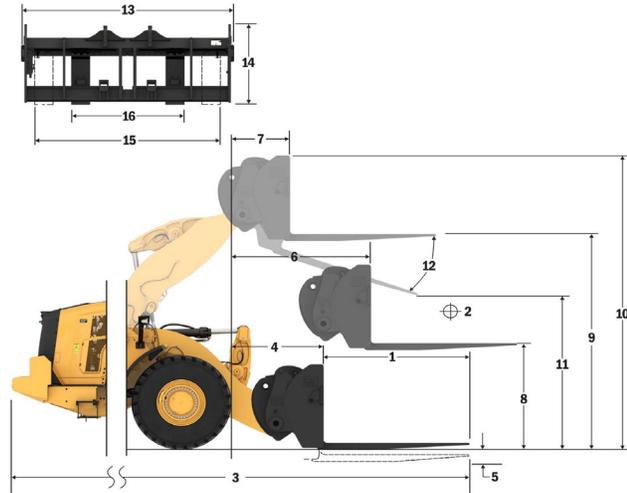
|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2134  |
|    |   | in  | 84.0  |
| 2  | Load Center   | mm  | 1067  |
|    |   | in  | 42.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8951  |
|    |   | lbs | 19728 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7681  |
|    |   | lbs | 16929 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3840  |
|    |   | lbs | 8464  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4609  |
|    |   | lbs | 10157 |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 6145  |
|    |   | lbs | 13543 |
| 3  | Maximum Overall Length  | mm  | 9574  |
|    |   | in  | 376.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1007  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1827  |
|    |   | in  | 71.9  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 12700 |
|    |   | lbs | 27991 |
|    | Operating Weight  | kg  | 19958 |
|    |   | lbs | 43988 |

\*Negative values indicate below grade

### 950 LOG Pallet Fork, FUSION

108" Carriage 84" Tine  
520-7968 520-7986

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration

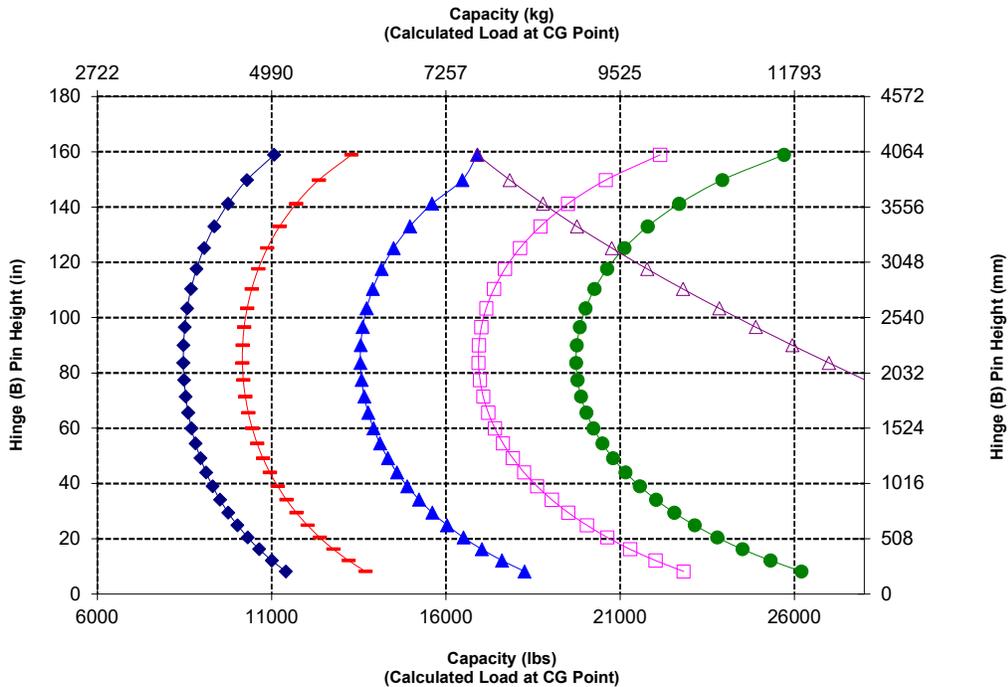


**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

# 950 Forestry Machine Specifications

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8523  |
|    |   | lbs | 18785 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7304  |
|    |   | lbs | 16097 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3652  |
|    |   | lbs | 8049  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4382  |
|    |   | lbs | 9658  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5843  |
|    |   | lbs | 12878 |
| 3  | Maximum Overall Length  | mm  | 9878  |
|    |   | in  | 388.9 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1213  |
|    |   | in  | 47.7  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -79   |
|    |   | in  | -3.1  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1744  |
|    |   | in  | 68.7  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1007  |
|    |   | in  | 39.6  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1877  |
|    |   | in  | 73.9  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3838  |
|    |   | in  | 151.1 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4878  |
|    |   | in  | 192.1 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1587  |
|    |   | in  | 62.5  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2833  |
|    |   | in  | 111.5 |
| 14 | Overall Carriage Height   | mm  | 1130  |
|    |   | in  | 44.5  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2483  |
|    |   | in  | 97.8  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 590   |
|    |   | in  | 23.2  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 11300 |
|    |   | lbs | 24905 |
|    | Operating Weight  | kg  | 20021 |
|    |   | lbs | 44127 |

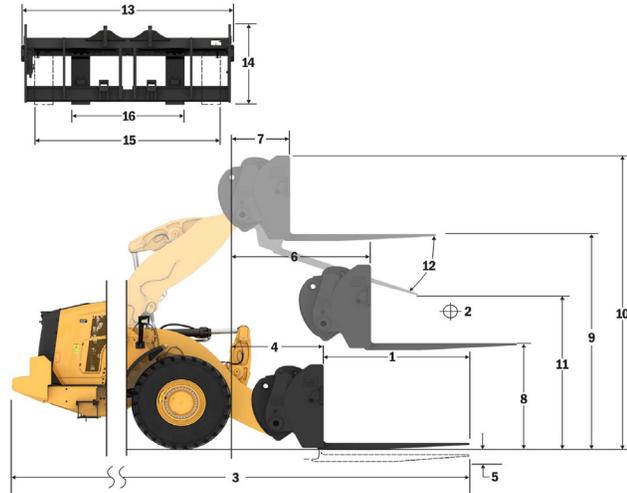
\*Negative values indicate below grade

### 950 LOG Pallet Fork, FUSION

108" Carriage 96" Tine

520-7968 520-7981

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration

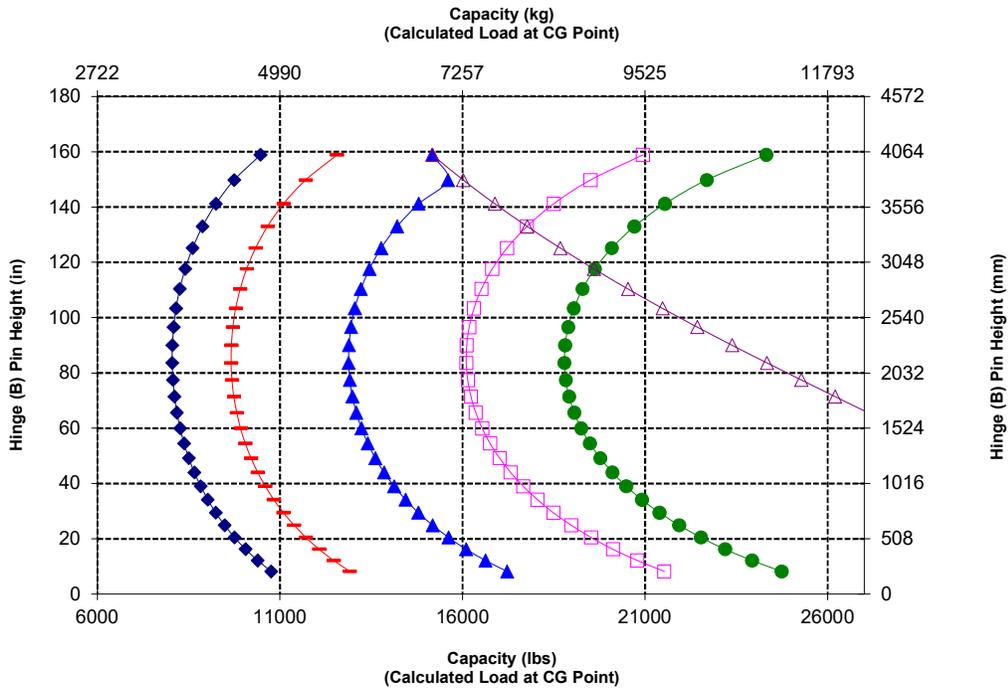


**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## Fork Specifications

### Fork Specifications

|    |   |     |       |
|----|---|-----|-------|
| 1  | Tine Length   | mm  | 2438  |
|    |   | in  | 96.0  |
| 2  | Load Center   | mm  | 1219  |
|    |   | in  | 48.0  |
|    | Static Tipping Load - Straight (Forks Level)                    | kg  | 8244  |
|    |   | lbs | 18170 |
|    | Static Tipping Load - Articulated (Forks Level)                 | kg  | 7056  |
|    |   | lbs | 15551 |
|    | Rated Load (SAE J1197 - 50% FTSTL)                              | kg  | 3528  |
|    |   | lbs | 7775  |
|    | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)             | kg  | 4233  |
|    |   | lbs | 9331  |
|    | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)     | kg  | 5645  |
|    |   | lbs | 12441 |
| 3  | Maximum Overall Length  | mm  | 9984  |
|    |   | in  | 393.1 |
| 4  | Reach with Forks at Ground Level                                | mm  | 1319  |
|    |   | in  | 51.9  |
| 5  | *Ground to Bottom of Tine at Minimum Height and Fork Level      | mm  | -90   |
|    |   | in  | -3.5  |
| 6  | Reach with Arms Horizontal and Forks Level                      | mm  | 1843  |
|    |   | in  | 72.6  |
| 7  | Reach with Fork at Maximum Height                               | mm  | 1106  |
|    |   | in  | 43.5  |
| 8  | Ground to Top of Tine with Arms Horizontal and Fork Level       | mm  | 1867  |
|    |   | in  | 73.5  |
| 9  | Ground to Top of Tine at Maximum Height and Fork Level          | mm  | 3828  |
|    |   | in  | 150.7 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm  | 4896  |
|    |   | in  | 192.7 |
| 11 | Clearance at Full Lift and Max Dump                             | mm  | 1513  |
|    |   | in  | 59.6  |
| 12 | Max Discharge Angle from Horizontal                             | deg | 52    |
| 13 | Overall Carriage Width  | mm  | 2542  |
|    |   | in  | 100.1 |
| 14 | Overall Carriage Height   | mm  | 1158  |
|    |   | in  | 45.6  |
| 15 | Outside Tine Width (max spread)                                 | mm  | 2312  |
|    |   | in  | 91.0  |
| 16 | Outside Tine Width (min spread)                                 | mm  | 896   |
|    |   | in  | 35.3  |
|    | Tine Width (single tine)  | mm  | 180.0 |
|    |   | in  | 7.1   |
|    | Tine Thickness  | mm  | 90.0  |
|    |   | in  | 3.5   |
|    | Tine Capacity   | kg  | 10100 |
|    |   | lbs | 22260 |
|    | Operating Weight  | kg  | 20070 |
|    |   | lbs | 44235 |

\*Negative values indicate below grade

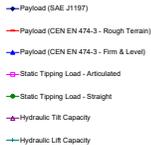
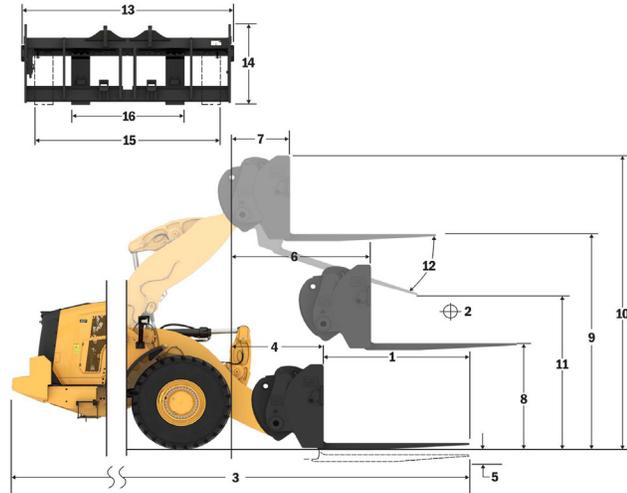
### 950 LOG

Pallet - Hyd Adjustable, FUSION

96" Tine

468-2852

\*Build 14A  
\*Parallel Z-Bar Linkage  
\*Logging Configuration

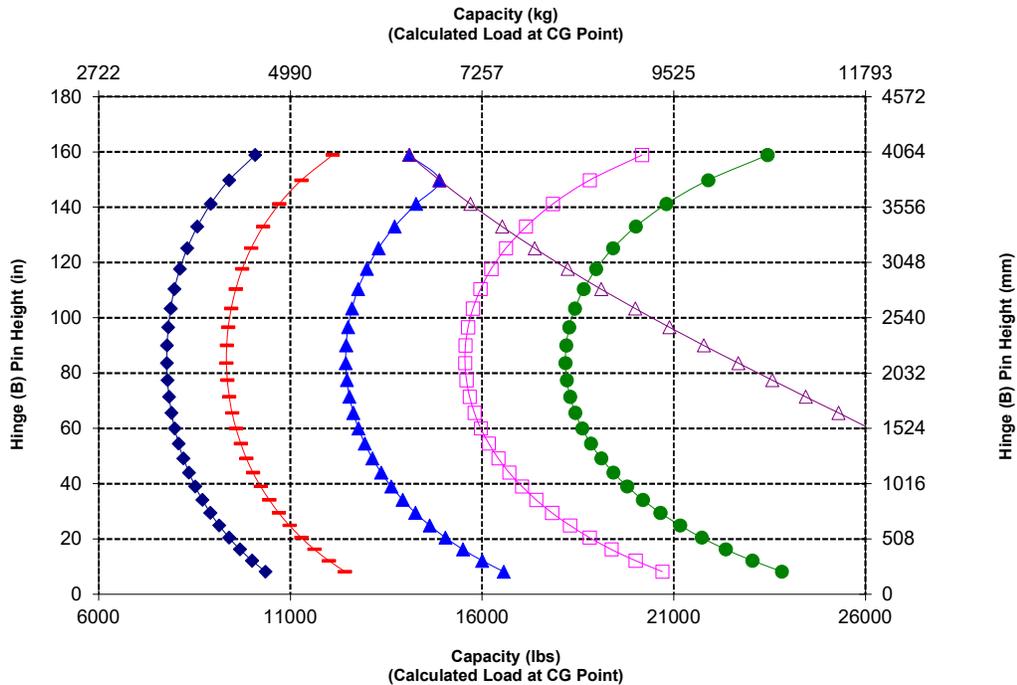


**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.  
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.  
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers  
\*\*CEN - European Committee for Standardization



**WARNING:** Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## Material Handling Specifications

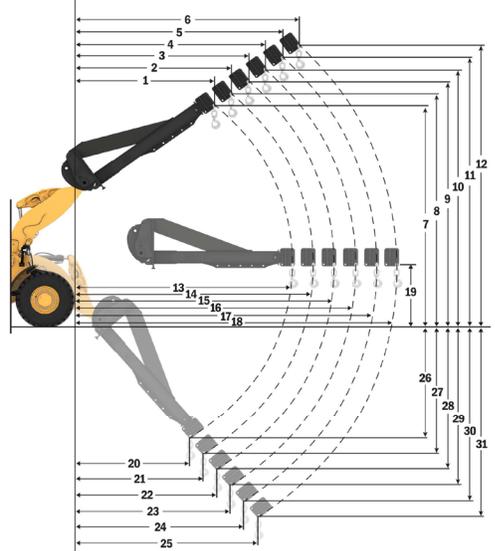
### 950 LOG

289-9885

Material Handling Arm, FUSION

6 Position

- \*Build 14A
- \*Parallel Z-Bar Linkage
- \*Logging Configuration



#### MHA Specifications

|  | Retracted    | Extension 1       | Extension 2       | Extension 3         | Extension 4        | Extended           |                    |
|--|--------------|-------------------|-------------------|---------------------|--------------------|--------------------|--------------------|
| Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)        | mm<br>ft, in | 2,282<br>7' 5"    | 2,421<br>7' 11"   | 2,560<br>8' 4"      | 2,698<br>8' 10"    | 2,837<br>9' 3"     | 2,976<br>9' 9"     |
| Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)    | mm<br>ft, in | 6,870<br>22' 6"   | 7,141<br>23' 5"   | 7,412<br>24' 3"     | 7,684<br>25' 2"    | 7,955<br>26' 1"    | 8,226<br>26' 11"   |
| Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)     | mm<br>ft, in | 4,610<br>15' 1"   | 4,915<br>16' 1"   | 5,220<br>17' 1"     | 5,525<br>18' 1"    | 5,829<br>19' 1"    | 6,134<br>20' 1"    |
| Level - Hook Eyelet Height (19)                        | mm<br>ft, in | 1,842<br>6' 0.5"  | 1,842<br>6' 0.5"  | 1,842<br>6' 0.5"    | 1,842<br>6' 0.5"   | 1,842<br>6' 0.5"   | 1,842<br>6' 0.5"   |
| Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)  | mm<br>ft, in | 2,416<br>7' 11"   | 2,596<br>8' 6"    | 2,777<br>9' 1"      | 2,957<br>9' 8"     | 3,137<br>10' 3"    | 3,318<br>10' 10"   |
| Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31) | mm<br>ft, in | (2,593)<br>-8' 5" | (2,839)<br>-9' 8" | (3,085)<br>-10' 10" | (3,330)<br>-10' 0" | (3,576)<br>-11' 3" | (3,822)<br>-12' 5" |
| Static Tipping Load, Straight                          | kg<br>lb     | 6,336<br>13,965   | 5,992<br>13,207   | 5,683<br>12,525     | 5,403<br>11,908    | 5,149<br>11,348    | 4,916<br>10,836    |
| Static Tipping Load, Articulated                       | kg<br>lb     | 5,491<br>12,102   | 5,192<br>11,443   | 4,923<br>10,850     | 4,680<br>10,314    | 4,458<br>9,826     | 4,256<br>9,381     |
| Operating Weight                                       | kg<br>lb     | 19,168<br>42,247  | 19,168<br>42,247  | 19,168<br>42,247    | 19,168<br>42,247   | 19,168<br>42,247   | 19,168<br>42,247   |

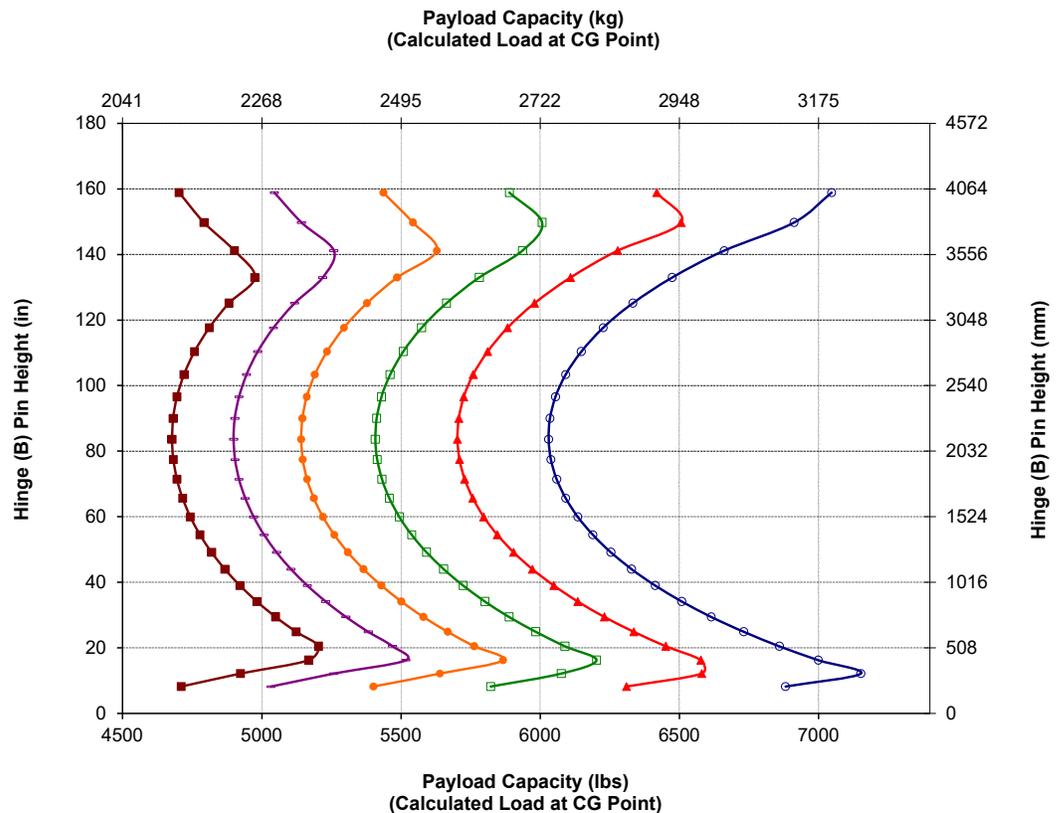
- Retracted
- Extension 1
- Extension 2
- Extension 3
- Extension 4
- Extended

**NOTE:** Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by:  
SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers





# 950

## *Corrosion Resistant*

***The Cat 950 Wheel Loader Corrosion Resistant package adds real value in protecting your machine investment. An industry-unique factory treatment provides more protection for all machine components that can be affected by corrosive materials. It's designed for improving reliability and durability in demanding corrosive environments such as fertilizer plants, chemical industries, agriculture, saltwater ports, and others.***

### **Proven Reliability**

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with diesel particulate filter (DPF), and diesel exhaust fluid (DEF) tank and pump.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

### **Durability**

- Corrosion resistant package includes silicon protection applied to all electrical terminals: alternator, engine starter, engine ground cable, and battery cables to maximize component life.
- Exposed electrical connectors are treated with shrinkable heat tube.
- Heavy-duty brushless alternator is utilized for increased durability.
- Optional paint protection that is more than two times the thickness of the standard paint. Extra primer coats are applied before the final polyurethane topcoat.

### **Achieve Greater Fuel Efficiency and Productivity**

- Five-speed transmission and lock-up clutch torque converter, powertrains deliver smooth shifting, fast acceleration, and speed on grade for greater performance and fuel efficiency.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

### **Safety Features**

- Rear-vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and inclined steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear-vision camera provide industry leading all-around visibility.
- Monitored seat belt is standard and can be enhanced with an optional exterior indicator.
- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.

- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

### **Reduced Maintenance Time and Costs**

- Extended fluid and filter change intervals reduce maintenance costs by up to 30%.\*
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

### **Work in Comfort in the All New Cab**

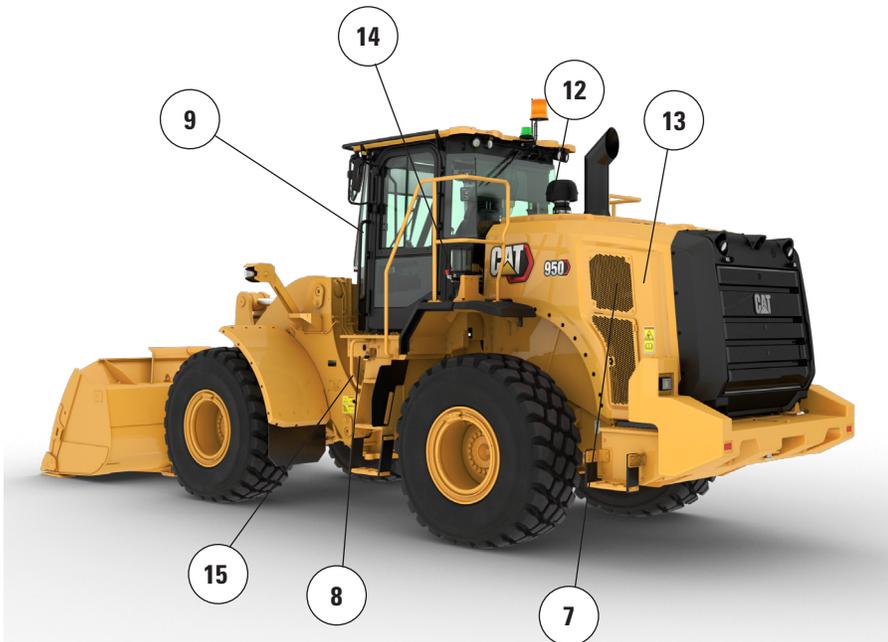
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy. Standard in North America and optional in all other regions.
- The hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. Standard in all regions except North America. Limited optional availability for North America, consult your Cat dealer.

\*Parts and fluids only.

# 950 Corrosion Resistant Specifications

## 950 Corrosion Resistant Features

1. Silicon protection applied to all electric terminals
2. Shrinkable heat-tube on exposed electrical connectors
3. Zerust vapor capsules in electrical compartments
4. Grease points on hood articulation pins
5. Optional corrosion resistant cooling package: E-coated cooling cores, heavy-duty latch, and greaseable hinges
6. Optional hydraulic system protection that includes silicone sealant and heat shrinkable tubing over the couplings



7. Heavy-duty brushless alternator
8. Sealed disconnect switch
9. Grease points on the cab door hinges
10. Additional coats of paint. Extra primer coats are applied before the final polyurethane topcoat
11. Varnish protection applied to under hood components
12. Optional turbine precleaner
13. Optional variable pitch fan
14. Optional autolube system
15. Anti-corrosion transmission fill cover

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com).

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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