



982

Wheel Loader

Technical Specifications

Not all attachments available in all regions. Consult your Cat® dealer for specific configurations available in your region.

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982 Wheel Loader Specifications

Engine

| Engine Model | Cat® C13 | |
|-------------------------------|-----------------|---------------------|
| Engine Power @ 1,800 rpm | 303 kW | 406 hp |
| ISO 14396:2002 | 412 hp (metric) | |
| Gross Power @ 1,800 rpm | 307 kW | 412 hp |
| SAE J1995:2014 | 417 hp (metric) | |
| Net Power @ 1,800 rpm | 282 kW | 378 hp |
| ISO 9249:2007, SAE J1349:2011 | 383 hp (metric) | |
| Engine Torque (1,300 rpm) | 2172 N·m | 1,602 lbf·ft |
| ISO 14396:2002 | | |
| Gross Torque (1,300 rpm) | 2192 N·m | 1,617 lbf·ft |
| SAE J1995:2014 | | |
| Net Torque (1,000 rpm) | 2070 N·m | 1,527 lbf·ft |
| ISO 9249:2007, SAE J1349:2011 | | |
| Bore | 130 mm | 5.12 in |
| Stroke | 157 mm | 6.18 in |
| Displacement | 12.5 L | 763 in ³ |

- Cat engine meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Nonroad Stage III.
- 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 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 100% biodiesel.

** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Buckets

| | | |
|-------------------|-------------------------|---------------------------|
| Bucket Capacities | 4.8-17.2 m ³ | 6.25-22.5 yd ³ |
|-------------------|-------------------------|---------------------------|

Weight

| | | |
|------------------|-----------|-----------|
| Operating Weight | 35 510 kg | 78,264 lb |
|------------------|-----------|-----------|

- Weight based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link™, open differential axles (front/rear), secondary steering, sound suppression, and a 6.1 m³ (8.0 yd³) general purpose bucket with BOCE.

Operating Specifications

| Static Tipping Load – Full 40° Turn | | |
|-------------------------------------|-----------|------------|
| With Tire Deflection | 21 110 kg | 46,526 lb |
| No Tire Deflection | 22 418 kg | 49,410 lb |
| Breakout Force | 262 kN | 59,060 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.

Transmission

| | | |
|-----------|-----------|----------|
| Forward 1 | 6.2 km/h | 3.9 mph |
| Forward 2 | 11.9 km/h | 7.4 mph |
| Forward 3 | 21.1 km/h | 13.1 mph |
| Forward 4 | 37.5 km/h | 23.3 mph |
| Reverse 1 | 7.0 km/h | 4.3 mph |
| Reverse 2 | 13.6 km/h | 8.5 mph |
| Reverse 3 | 24.1 km/h | 15 mph |
| Reverse 4 | 39.5 km/h | 24.5 mph |

- Maximum travel speed in standard vehicle with empty bucket and standard L4 tires with 914 mm (36 in) roll radius.

Hydraulic System

| | | |
|--|---|-------------|
| Implement Pump Type | Variable Displacement Piston, load sensing | |
| Implement System | | |
| Maximum Pump Output (2,250 rpm) | 449 L/min | 119 gal/min |
| Maximum Operating Pressure | 34 300 kPa | 4,975 psi |
| Optional 3 rd Function Maximum Flow | 240 L/min | 63 gal/min |
| Optional 3 rd Function Maximum Pressure at Work Tool | 20 684 kPa | 3,000 psi |
| Hydraulic Cycle Time with Rated Payload: | | |
| Raise from Carry Position | 5.3 sec | |
| Dump, at Maximum Raise | 1.7 sec | |
| Lower, Empty, Float Down | 3.1 sec | |
| Total | 10.1 sec | |

Brakes

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

Axles

| | |
|-------|--------------------------------|
| Front | Fixed, open differential |
| Rear | Oscillating, open differential |

Service Refill Capacities

| | | |
|--|-------|-----------|
| Fuel Tank | 426 L | 112.5 gal |
| Cooling System | 50 L | 13.2 gal |
| Crankcase | 37 L | 9.8 gal |
| Transmission | 77 L | 20.3 gal |
| Differentials and Final Drives – Front | 92 L | 24.3 gal |
| Differentials and Final Drives – Rear | 92 L | 24.3 gal |
| Hydraulic Tank | 153 L | 40.4 gal |

Cab

| | |
|-----------|---|
| ROPS/FOPS | ROPS/FOPS meet ISO 3471:2008 and ISO 3449:2005 Level II standards |
|-----------|---|

Sound Performance

| | |
|--|-----------|
| Operator Sound Pressure Level (ISO 6396:2008) | 75 dB(A) |
| Exterior Sound Power Level (ISO 6395:2008) | 112 dB(A) |
| Operator Sound Pressure Level (ISO 6396:2008)* | 72 dB(A) |
| Exterior Sound Power Level (ISO 6395:2008)** | 109 dB(A) |

*Including countries that adopt the EU and UK Directives

**EU Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701

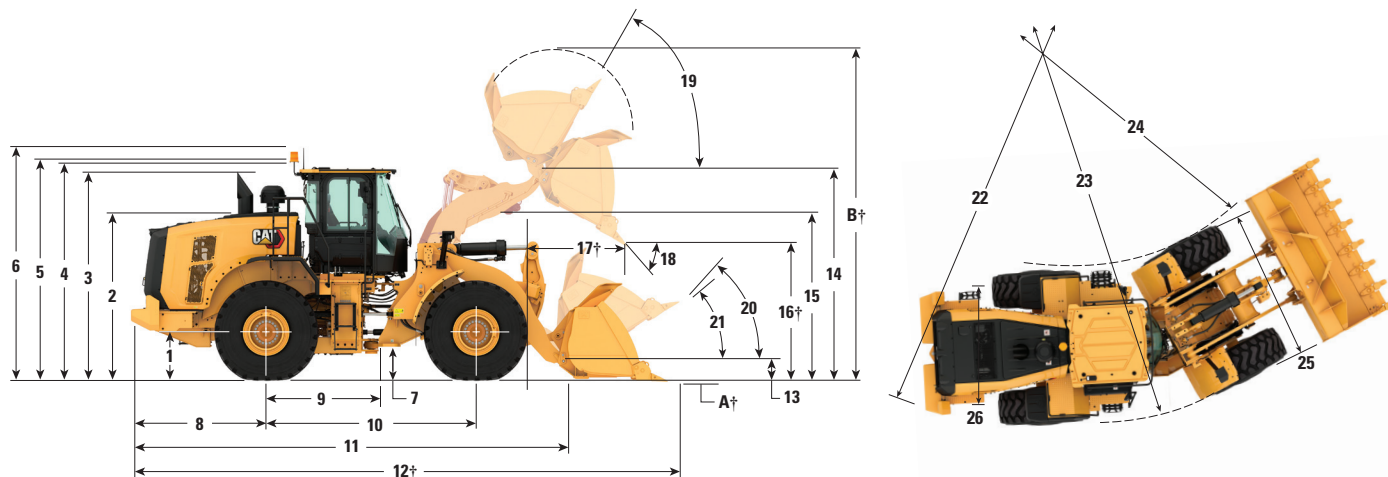
Air Conditioning System

- 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 CO₂ equivalent of 2.288 metric tonnes (2.522 tons).

982 Wheel Loader Specifications

Dimensions

All dimensions are approximate.



| | Standard Lift | | High Lift | |
|---|---------------|--------|------------|--------|
| 1 Height to Axle Centerline | 871 mm | 2'10" | 871 mm | 2'10" |
| 2 Height to Top of Hood | 3036 mm | 10'0" | 3036 mm | 10'0" |
| 3 Height to Top of Exhaust Pipe | 3736 mm | 12'4" | 3736 mm | 12'4" |
| 4 Height to Top of ROPS | 3801 mm | 12'6" | 3801 mm | 12'6" |
| 5 Height to Top of Product Link Antenna | 3807 mm | 12'6" | 3807 mm | 12'6" |
| 6 Height to Top of Warning Beacon | 4080 mm | 13'5" | 4080 mm | 13'5" |
| 7 Ground Clearance | 428 mm | 1'4" | 428 mm | 1'4" |
| 8 Center Line of Rear Axle to Edge of Counterweight | 2729 mm | 9'0" | 2843 mm | 9'4" |
| 9 Center Line of Rear Axle to Hitch | 1900 mm | 6'3" | 1900 mm | 6'3" |
| 10 Wheelbase | 3800 mm | 12'6" | 3800 mm | 12'6" |
| 11 Overall Length (without bucket) | 8597 mm | 28'3" | 9104 mm | 29'11" |
| 12 Shipping Length (with bucket level on ground)*† | 10 184 mm | 33'5" | 10 692 mm | 35'1" |
| 13 Hinge Pin Height at Carry Height | 791 mm | 2'7" | 896 mm | 2'11" |
| 14 Hinge Pin Height at Maximum Lift | 4741 mm | 15'6" | 5150 mm | 16'10" |
| 15 Lift Arm Clearance at Maximum Lift | 3902 mm | 12'9" | 4069 mm | 13'4" |
| 16 Dump Clearance at Maximum Lift and 45° Discharge*† | 3362 mm | 11'0" | 3771 mm | 12'4" |
| 17 Reach at Maximum Lift and 45° Discharge*† | 1569 mm | 5'1" | 1631 mm | 5'4" |
| 18 Dump Angle at Maximum Lift and Dump (on stops)* | 50 degrees | | 50 degrees | |
| 19 Rack Back at Maximum Lift* | 57 degrees | | 56 degrees | |
| 20 Rack Back at Carry Height* | 48 degrees | | 49 degrees | |
| 21 Rack Back at Ground* | 39 degrees | | 40 degrees | |
| 22 Clearance Circle (dia) to Counterweight | 13 938 mm | 45'9" | 13 976 mm | 45'11" |
| 23 Clearance Circle (dia) to Outside of Tires | 13 911 mm | 45'8" | 13 911 mm | 45'8" |
| 24 Clearance Circle (dia) to Inside of Tires | 6970 mm | 22'11" | 6970 mm | 22'11" |
| 25 Width over Tires (unloaded) | 3456 mm | 11'5" | 3456 mm | 11'5" |
| Width over Tires (loaded) | 3471 mm | 11'5" | 3471 mm | 11'5" |
| 26 Tread Width | 2540 mm | 8'4" | 2540 mm | 8'4" |

†Dimensions are listed in Operating Specifications charts.

All height and tire related dimensions are with Bridgestone 875/65R29 VLTS L4 radial tires (see Tire Option 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 6.1 m³ (8.0 yd³) general purpose bucket with BOCE and Bridgestone 875/65R29 VLTS L4 radial tires (see Operating Specifications for other buckets).

982 Wheel Loader Specifications

Tire Options

| Tire Brand | Bridgestone | Bridgestone | Michelin | Bridgestone | Maxam |
|--|------------------|-------------------|--------------------|---------------------|------------------|
| Tire Size | 875/65R29 | 875/65R29 | 875/65R29 | 33/65R29 | 875/65R29 |
| Tread Type | L-4 | L-3 | L-3 | L-5 | L-4 |
| Tread Pattern | VLTS | VTS | XHA2 | VSDL | MS405DX |
| Width over Tires – Maximum (empty)* | 3456 mm 11'5" | 3455 mm 11'5" | 3496 mm 11'6" | 3440 mm 11'4" | 3474 mm 11'5" |
| Width over Tires – Maximum (loaded)* | 3471 mm 11'5" | 3464 mm 11'5" | 3491 mm 11'6" | 3457 mm 11'5" | 3486 mm 11'6" |
| Change in Vertical Dimensions (average of front and rear) | | -3 mm -0.1" | -13 mm -0.5" | 37 mm 1.5" | -19 mm -0.7" |
| Change in Horizontal Reach | | 2 mm 0.1" | -1 mm 0" | -30 mm -1.2" | 0 mm 0" |
| Change in Clearance Circle to Outside of Tires | | -7 mm -0.3" | 20 mm 0.8" | -13 mm -0.5" | 16 mm 0.6" |
| Change in Clearance Circle to Inside of Tires | | 7 mm 0.3" | -20 mm -0.8" | 13 mm 0.5" | -16 mm -0.6" |
| Change in Operating Weight (without Ballast) | | -76 kg -168 lb | -356 kg -785 lb | 1240 kg 2,734 lb | 60 kg 132 lb |
| Change in Static Tipping Load – Straight | | -50 kg -111 lb | -236 kg -520 lb | 822 kg 1,811 lb | 40 kg 88 lb |
| Change in Static Tipping Load – Articulated | | -44 kg -97 lb | -206 kg -454 lb | 718 kg 1,583 lb | 35 kg 77 lb |
| Rear Axle Oscillation Angle | ±13 degrees | ±13 degrees | ±13 degrees | ±13 degrees | ±13 degrees |
| Maximum Single-wheel Rise and Fall | 571 mm 1'10" | 571 mm 1'10" | 571 mm 1'10" | 571 mm 1'10" | 571 mm 1'10" |

*Width over tire bulge and includes tire growth.

982 Wheel Loader Specifications

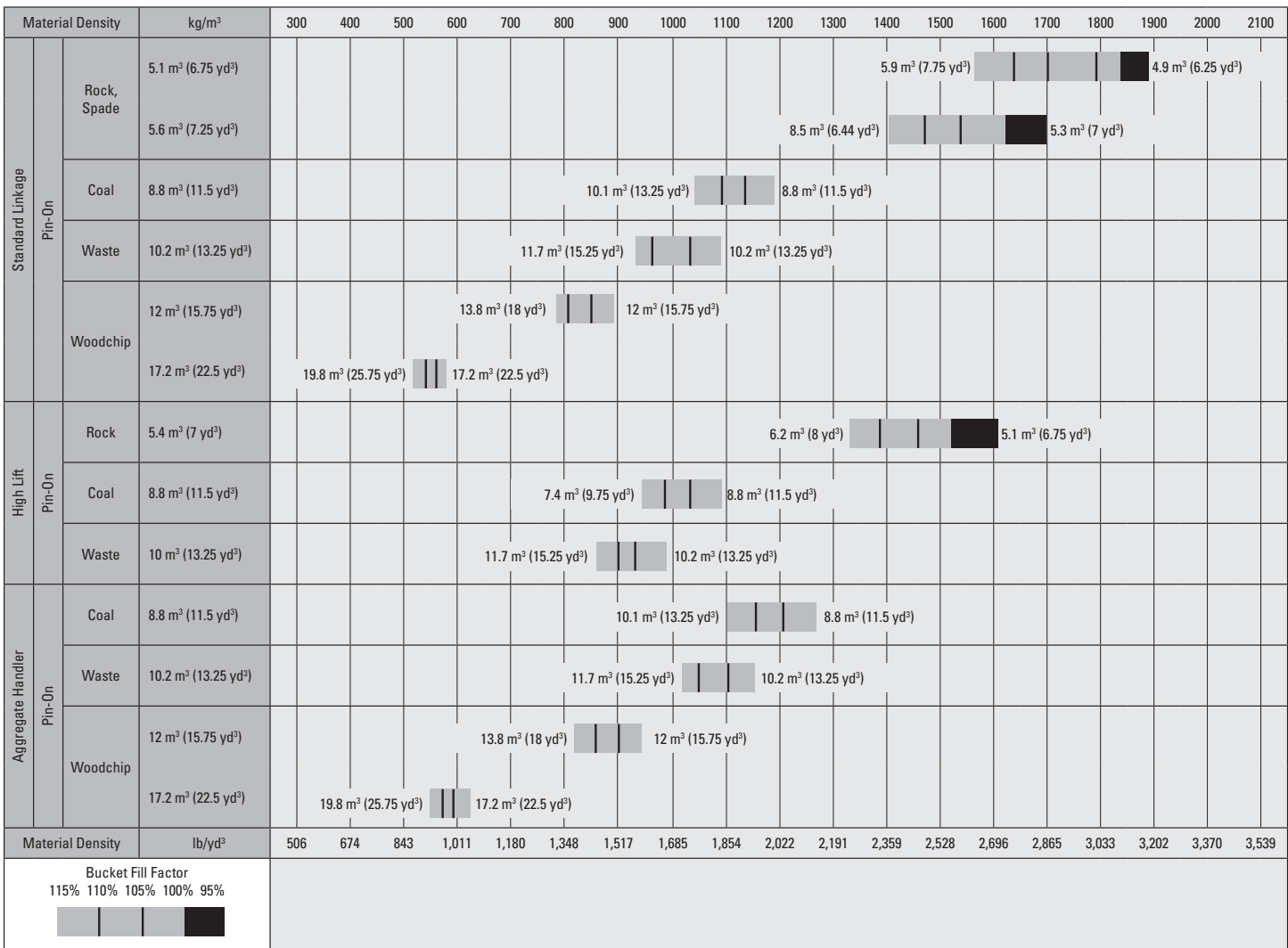
Bucket Fill Factors and Selection Guide

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.

982 Wheel Loader Specifications

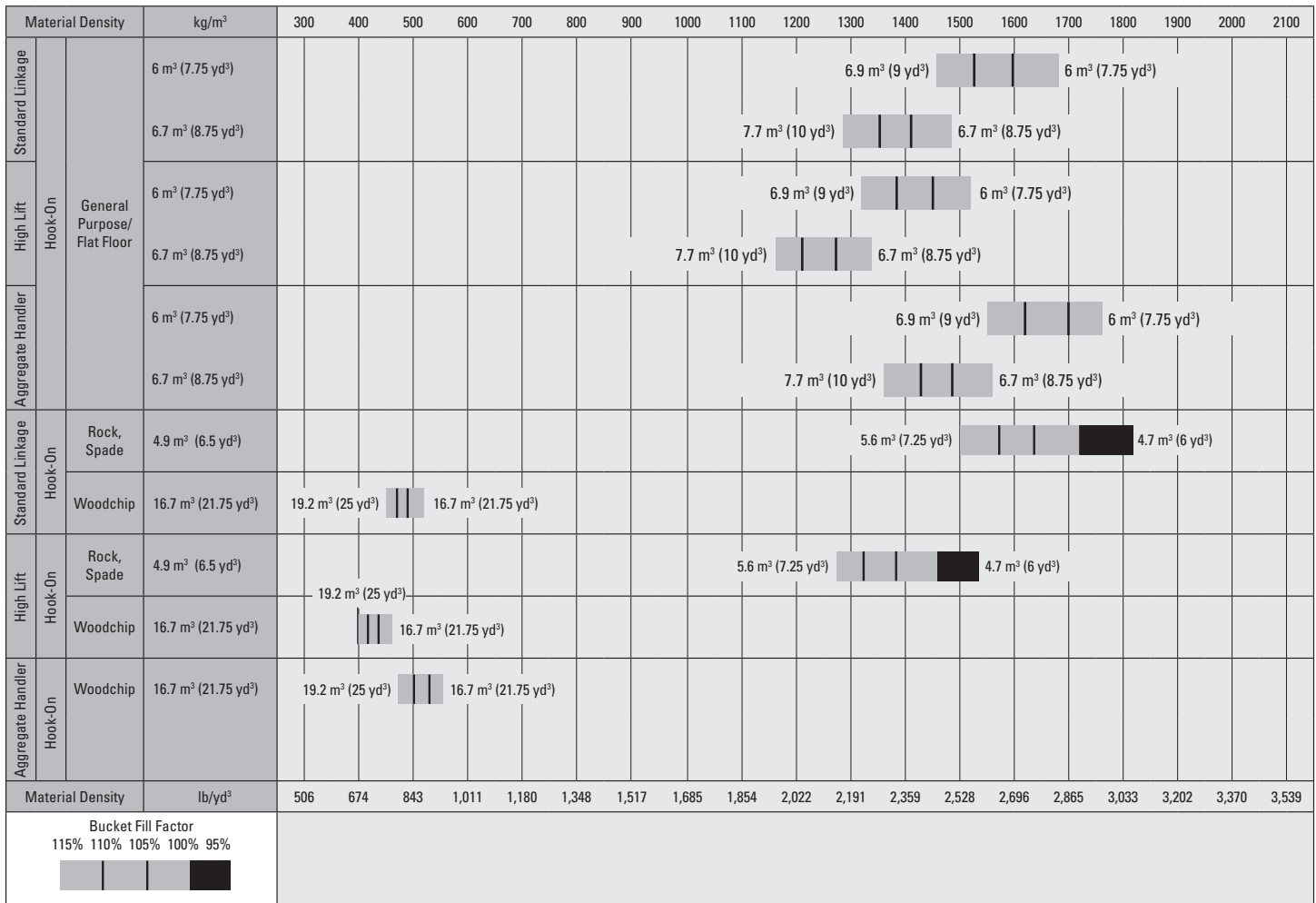
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| Rock: | 76 mm (3 in) and larger | 100 | 1.6 |

*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.

Operating Specifications – Buckets

| Linkage | | Standard Linkage | | | | | |
|--|-----------------|--------------------------|--------------------|-------------------------------------|--------------------|-----------------------|--------------------|
| Bucket Type | | General Purpose – Pin On | | General Purpose – Pin On – Abrasion | | | |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Edge Type | | | | | | | |
| Capacity – Rated | m ³ | 6.10 | 6.10 | 6.40 | 6.40 | 7.00 | 7.00 |
| | yd ³ | 8.00 | 8.00 | 8.25 | 8.25 | 9.25 | 9.25 |
| Capacity – Rated at 110% Fill Factor | m ³ | 6.70 | 6.70 | 7.00 | 7.00 | 7.70 | 7.70 |
| | yd ³ | 8.75 | 8.75 | 9.25 | 9.25 | 10.00 | 10.00 |
| Width | mm | 3602 | 3665 | 3602 | 3665 | 3602 | 3665 |
| | ft/in | 11'9" | 12'0" | 11'9" | 12'0" | 11'9" | 12'0" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3362 | 3194 | 3325 | 3156 | 3275 | 3106 |
| | ft/in | 11'0" | 10'5" | 10'10" | 10'4" | 10'8" | 10'2" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1569 | 1703 | 1602 | 1735 | 1644 | 1776 |
| | ft/in | 5'1" | 5'7" | 5'3" | 5'8" | 5'4" | 5'9" |
| Reach at Level Lift Arm and Bucket Level | mm | 3257 | 3468 | 3307 | 3518 | 3374 | 3585 |
| | ft/in | 10'8" | 11'4" | 10'10" | 11'6" | 11'0" | 11'9" |
| A † Digging Depth | mm | 119 | 119 | 119 | 119 | 119 | 119 |
| | in | 4.6" | 4.6" | 4.6" | 4.6" | 4.6" | 4.6" |
| 12 † Overall Length | mm | 10 184 | 10 419 | 10 234 | 10 469 | 10 301 | 10 536 |
| | ft/in | 33'5" | 34'3" | 33'7" | 34'5" | 33'10" | 34'7" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6590 | 6590 | 6639 | 6639 | 6706 | 6706 |
| | ft/in | 21'8" | 21'8" | 21'10" | 21'10" | 22'0" | 22'0" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7885 | 7993 | 7900 | 8009 | 7921 | 8030 |
| | ft/in | 25'11" | 26'3" | 26'0" | 26'4" | 26'0" | 26'5" |
| Static Tipping Load, Straight (ISO)* | kg | 24 782 | 24 683 | 24 573 | 24 474 | 24 339 | 24 239 |
| | lb | 54,619 | 54,401 | 54,160 | 53,941 | 53,643 | 53,422 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 26 088 | 25 989 | 25 888 | 25 788 | 25 661 | 25 560 |
| | lb | 57,500 | 57,280 | 57,058 | 56,837 | 56,559 | 56,336 |
| Static Tipping Load, Articulated (ISO)* | kg | 21 110 | 21 011 | 20 910 | 20 810 | 20 685 | 20 585 |
| | lb | 46,526 | 46,308 | 46,086 | 45,867 | 45,590 | 45,370 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 22 418 | 22 318 | 22 226 | 22 126 | 22 009 | 21 908 |
| | lb | 49,410 | 49,191 | 48,987 | 48,766 | 48,509 | 48,286 |
| Breakout Force (§) | kN | 262 | 262 | 253 | 253 | 242 | 242 |
| | lbf | 59,060 | 58,913 | 57,055 | 56,907 | 54,561 | 54,413 |
| Operating Weight* | kg | 35 510 | 35 582 | 35 641 | 35 713 | 35 782 | 35 854 |
| | lb | 78,264 | 78,423 | 78,552 | 78,712 | 78,863 | 79,023 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

***Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | Standard Linkage | | | |
|--|-----------------|-------------------------------------|--------------------|-------------------------------|--------------------|
| Bucket Type | | General Purpose – Pin On – Abrasion | | General Purpose – Pin On – HD | |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Edge Type | | | | | |
| Capacity – Rated | m ³ | 7.50 | 7.50 | 7.00 | 7.00 |
| | yd ³ | 9.75 | 9.75 | 9.25 | 9.25 |
| Capacity – Rated at 110% Fill Factor | m ³ | 8.30 | 8.30 | 7.70 | 7.70 |
| | yd ³ | 10.75 | 10.75 | 10.00 | 10.00 |
| Width | mm | 3602 | 3665 | 3646 | 3709 |
| | ft/in | 11'9" | 12'0" | 11'11" | 12'2" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3224 | 3055 | 3282 | 3113 |
| | ft/in | 10'6" | 10'0" | 10'9" | 10'2" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1689 | 1820 | 1652 | 1785 |
| | ft/in | 5'6" | 5'11" | 5'5" | 5'10" |
| Reach at Level Lift Arm and Bucket Level | mm | 3442 | 3653 | 3375 | 3586 |
| | ft/in | 11'3" | 11'11" | 11'0" | 11'9" |
| A † Digging Depth | mm | 119 | 119 | 109 | 109 |
| | in | 4.6" | 4.6" | 4.2" | 4.2" |
| 12 † Overall Length | mm | 10 369 | 10 604 | 10 296 | 10 531 |
| | ft/in | 34'1" | 34'10" | 33'10" | 34'7" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6773 | 6773 | 6706 | 6706 |
| | ft/in | 22'3" | 22'3" | 22'0" | 22'0" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7943 | 8052 | 7937 | 8046 |
| | ft/in | 26'1" | 26'5" | 26'1" | 26'5" |
| Static Tipping Load, Straight (ISO)* | kg | 24 134 | 24 033 | 24 453 | 24 353 |
| | lb | 53,192 | 52,970 | 53,896 | 53,675 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 25 465 | 25 363 | 25 777 | 25 676 |
| | lb | 56,124 | 55,900 | 56,812 | 56,590 |
| Static Tipping Load, Articulated (ISO)* | kg | 20 491 | 20 390 | 20 795 | 20 695 |
| | lb | 45,163 | 44,940 | 45,833 | 45,612 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 21 823 | 21 721 | 22 119 | 22 018 |
| | lb | 48,097 | 47,873 | 48,751 | 48,529 |
| Breakout Force (§) | kN | 232 | 231 | 243 | 242 |
| | lbf | 52,243 | 52,094 | 54,616 | 54,473 |
| Operating Weight* | kg | 35 888 | 35 960 | 35 634 | 35 706 |
| | lb | 79,097 | 79,256 | 78,537 | 78,696 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

*** Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | Standard Linkage | | | |
|--|-----------------|-------------------------------------|--------------------|---|--------------------|
| | | General Purpose – Hook-On – Fusion™ | | General Purpose – Hook-On – Fusion – Abrasion | |
| Bucket Type | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Edge Type | | | | | |
| Capacity – Rated | m ³ | 6.00 | 6.00 | 6.70 | 6.70 |
| | yd ³ | 7.75 | 7.75 | 8.75 | 8.75 |
| Capacity – Rated at 110% Fill Factor | m ³ | 6.60 | 6.60 | 7.40 | 7.40 |
| | yd ³ | 8.75 | 8.75 | 9.75 | 9.75 |
| Width | mm | 3602 | 3698 | 3602 | 3698 |
| | ft/in | 11'9" | 12'1" | 11'9" | 12'1" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3247 | 3059 | 3168 | 2979 |
| | ft/in | 10'7" | 10'0" | 10'4" | 9'9" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1695 | 1853 | 1760 | 1916 |
| | ft/in | 5'6" | 6'0" | 5'9" | 6'3" |
| Reach at Level Lift Arm and Bucket Level | mm | 3426 | 3668 | 3530 | 3772 |
| | ft/in | 11'2" | 12'0" | 11'6" | 12'4" |
| A † Digging Depth | mm | 129 | 129 | 129 | 129 |
| | in | 5.1" | 5.1" | 5.1" | 5.1" |
| 12 † Overall Length | mm | 10 360 | 10 626 | 10 464 | 10 730 |
| | ft/in | 34'0" | 34'11" | 34'4" | 35'3" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6658 | 6658 | 6756 | 6756 |
| | ft/in | 21'11" | 21'11" | 22'2" | 22'2" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7937 | 8074 | 7971 | 8109 |
| | ft/in | 26'1" | 26'6" | 26'2" | 26'8" |
| Static Tipping Load, Straight (ISO)* | kg | 22 637 | 22 547 | 22 277 | 22 188 |
| | lb | 49,893 | 49,693 | 49,099 | 48,903 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 23 884 | 23 793 | 23 533 | 23 444 |
| | lb | 52,641 | 52,439 | 51,868 | 51,670 |
| Static Tipping Load, Articulated (ISO)* | kg | 19 116 | 19 025 | 18 770 | 18 681 |
| | lb | 42,133 | 41,932 | 41,370 | 41,173 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 20 368 | 20 277 | 20 031 | 19 942 |
| | lb | 44,892 | 44,690 | 44,150 | 43,952 |
| Breakout Force (§) | kN | 232 | 232 | 218 | 217 |
| | lbf | 52,324 | 52,164 | 48,982 | 48,825 |
| Operating Weight* | kg | 36 606 | 36 671 | 36 834 | 36 896 |
| | lb | 80,678 | 80,821 | 81,181 | 81,317 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

*** Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | Standard Linkage | | | | |
|---|-----------------|--------------------------|-----------------------|--------------------------|-----------------------|---|
| Bucket Type | | Flat Floor – Pin-On | | Flat Floor – Pin-On – HD | | Flat Floor – Pin-On – Light Material (Coal) |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges |
| Capacity – Rated | m ³ | 6.40 | 6.40 | 7.00 | 7.00 | 8.80 |
| | yd ³ | 8.25 | 8.25 | 9.25 | 9.25 | 11.50 |
| Capacity – Rated at 110% Fill Factor | m ³ | 7.00 | 7.00 | 7.70 | 7.70 | 9.70 |
| | yd ³ | 9.25 | 9.25 | 10.00 | 10.00 | 12.75 |
| Width | mm | 3602 | 3665 | 3602 | 3665 | 3639 |
| | ft/in | 11'9" | 12'0" | 11'9" | 12'0" | 11'11" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3246 | 3069 | 3198 | 3021 | 3015 |
| | ft/in | 10'7" | 10'0" | 10'5" | 9'10" | 9'10" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1516 | 1638 | 1581 | 1703 | 1743 |
| | ft/in | 4'11" | 5'4" | 5'2" | 5'7" | 5'8" |
| Reach at Level Lift Arm and Bucket Level | mm | 3321 | 3532 | 3401 | 3612 | 3645 |
| | ft/in | 10'10" | 11'7" | 11'1" | 11'10" | 11'11" |
| A † Digging Depth | mm | 119 | 119 | 107 | 107 | 122 |
| | in | 4.6" | 4.6" | 4.2" | 4.2" | 4.8" |
| 12 † Overall Length | mm | 10 248 | 10 483 | 10 321 | 10 556 | 10 574 |
| | ft/in | 33'8" | 34'5" | 33'11" | 34'8" | 34'9" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6623 | 6623 | 6707 | 6707 | 6960 |
| | ft/in | 21'9" | 21'9" | 22'1" | 22'1" | 22'10" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7905 | 8014 | 7925 | 8035 | 8025 |
| | ft/in | 25'12" | 26'4" | 25'12" | 26'5" | 26'4" |
| Static Tipping Load, Straight (ISO)* | kg | 24,184 | 24 086 | 23 067 | 22 968 | 23 220 |
| | lb | 53 303 | 53,086 | 50,839 | 50,621 | 51,177 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 25 459 | 25 360 | 24 346 | 24 246 | 24 533 |
| | lb | 56,112 | 55,894 | 53,660 | 53,440 | 54,071 |
| Static Tipping Load, Articulated (ISO)* | kg | 20 574 | 20 476 | 19 461 | 19 362 | 19 658 |
| | lb | 45,346 | 45,129 | 42,892 | 42,674 | 43,327 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 21 852 | 21 753 | 20 744 | 20 644 | 20 974 |
| | lb | 48,163 | 47,945 | 45,720 | 45,500 | 46,226 |
| Breakout Force (§) | kN | 251 | 250 | 235 | 234 | 205 |
| | lbf | 56,505 | 56,357 | 52,804 | 52,662 | 46,188 |
| Operating Weight* | kg | 35 669 | 35 741 | 36 654 | 36 726 | 36 180 |
| | lb | 78,614 | 78,773 | 80,785 | 80,944 | 79,739 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

*** Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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 | | Standard Linkage | |
|--|-----------------|------------------------------|--------------------|
| Bucket Type | | Rock, Spade – Pin-On – HD*** | |
| Edge Type | | Teeth and Segments | Teeth and Segments |
| Capacity – Rated | m ³ | 5.40 | 5.80 |
| | yd ³ | 7.00 | 7.50 |
| Capacity – Rated at 110% Fill Factor | m ³ | 5.90 | 6.40 |
| | yd ³ | 7.75 | 8.25 |
| Width | mm | 3644 | 3663 |
| | ft/in | 11'11" | 12'0" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3150 | 3139 |
| | ft/in | 10'4" | 10'3" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1874 | 1908 |
| | ft/in | 6'1" | 6'3" |
| Reach at Level Lift Arm and Bucket Level | mm | 3637 | 3670 |
| | ft/in | 11'11" | 12'0" |
| A † Digging Depth | mm | 79 | 70 |
| | in | 3.1" | 2.7" |
| 12 † Overall Length | mm | 10 582 | 10 607 |
| | ft/in | 34'9" | 34'10" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6587 | 6622 |
| | ft/in | 21'8" | 21'9" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 8040 | 8054 |
| | ft/in | 26'5" | 26'6" |
| Static Tipping Load, Straight (ISO)* | kg | 25 141 | 24 562 |
| | lb | 55,412 | 54,136 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 26 508 | 25 933 |
| | lb | 58,424 | 57,157 |
| Static Tipping Load, Articulated (ISO)* | kg | 21 336 | 20 758 |
| | lb | 47,026 | 45,751 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 22 705 | 22 131 |
| | lb | 50,043 | 48,777 |
| Breakout Force (§) | kN | 233 | 227 |
| | lbf | 52,561 | 51,096 |
| Operating Weight* | kg | 37 331 | 37 869 |
| | lb | 82,276 | 83,464 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

*** Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | High Lift Linkage | | | | | |
|--|-----------------|--------------------------|--------------------|-------------------------------------|--------------------|-----------------------|--------------------|
| Bucket Type | Edge Type | General Purpose – Pin-On | | General Purpose – Pin-On – Abrasion | | | |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Capacity – Rated | m ³ | 6.10 | 6.10 | 6.40 | 6.40 | 7.00 | 7.00 |
| | yd ³ | 8.00 | 8.00 | 8.25 | 8.25 | 9.25 | 9.25 |
| Capacity – Rated at 110% Fill Factor | m ³ | 6.70 | 6.70 | 7.00 | 7.00 | 7.70 | 7.70 |
| | yd ³ | 8.75 | 8.75 | 9.25 | 9.25 | 10.00 | 10.00 |
| Width | mm | 3602 | 3665 | 3602 | 3665 | 3602 | 3665 |
| | ft/in | 11'9" | 12'0" | 11'9" | 12'0" | 11'9" | 12'0" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3771 | 3603 | 3734 | 3565 | 3684 | 3515 |
| | ft/in | 12'4" | 11'9" | 12'3" | 11'8" | 12'1" | 11'6" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1631 | 1764 | 1663 | 1796 | 1706 | 1838 |
| | ft/in | 5'4" | 5'9" | 5'5" | 5'10" | 5'7" | 6'0" |
| Reach at Level Lift Arm and Bucket Level | mm | 3597 | 3809 | 3647 | 3859 | 3714 | 3926 |
| | ft/in | 11'9" | 12'5" | 11'11" | 12'7" | 12'2" | 12'10" |
| A † Digging Depth | mm | 119 | 119 | 119 | 119 | 119 | 119 |
| | in | 4.6" | 4.6" | 4.6" | 4.6" | 4.6" | 4.6" |
| 12 † Overall Length | mm | 10 692 | 10 924 | 10 742 | 10 974 | 10 809 | 11 041 |
| | ft/in | 35'1" | 35'11" | 35'3" | 36'1" | 35'6" | 36'3" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6981 | 6981 | 7048 | 7048 | 7115 | 7115 |
| | ft/in | 22'11" | 22'11" | 23'2" | 23'2" | 23'5" | 23'5" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 8066 | 8181 | 8082 | 8198 | 8104 | 8220 |
| | ft/in | 26'6" | 26'11" | 26'7" | 26'11" | 26'8" | 27'0" |
| Static Tipping Load, Straight (ISO)* | kg | 22 495 | 22 399 | 22 386 | 22 289 | 22 165 | 22 068 |
| | lb | 49,580 | 49,369 | 49,339 | 49,126 | 48,853 | 48,638 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 23 582 | 23 486 | 23 473 | 23 376 | 23 259 | 23 162 |
| | lb | 51,976 | 51,764 | 51,735 | 51,521 | 51,264 | 51,049 |
| Static Tipping Load, Articulated (ISO)* | kg | 19 016 | 18 920 | 18 906 | 18 809 | 18 694 | 18 597 |
| | lb | 41,912 | 41,700 | 41,670 | 41,456 | 41,202 | 40,988 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 20 123 | 20 027 | 20 014 | 19 917 | 19 809 | 19 711 |
| | lb | 44,352 | 44,140 | 44,111 | 43,897 | 43,659 | 43,443 |
| Breakout Force (§) | kN | 252 | 252 | 244 | 243 | 233 | 233 |
| | lbf | 56,827 | 56,707 | 54,909 | 54,788 | 52,499 | 52,377 |
| Operating Weight* | kg | 36 633 | 36 705 | 36 731 | 36 803 | 36 872 | 36 944 |
| | lb | 80,738 | 80,897 | 80,954 | 81,113 | 81,265 | 81,424 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

*** Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets (continued)

| Linkage | | High Lift Linkage | | | |
|--|-----------------|-------------------------------------|--------------------|-------------------------------|--------------------|
| Bucket Type | | General Purpose – Pin-On – Abrasion | | General Purpose – Pin On – HD | |
| Edge Type | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Capacity – Rated | m ³ | 7.50 | 7.50 | 7.00 | 7.00 |
| | yd ³ | 9.75 | 9.75 | 9.25 | 9.25 |
| Capacity – Rated at 110% Fill Factor | m ³ | 8.30 | 8.30 | 7.70 | 7.70 |
| | yd ³ | 10.75 | 10.75 | 10.00 | 10.00 |
| Width | mm | 3602 | 3665 | 3646 | 3709 |
| | ft/in | 11'9" | 12'0" | 11'11" | 12'2" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3633 | 3464 | 3691 | 3522 |
| | ft/in | 11'11" | 11'4" | 12'1" | 11'6" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1750 | 1881 | 1714 | 1846 |
| | ft/in | 5'8" | 6'2" | 5'7" | 6'0" |
| Reach at Level Lift Arm and Bucket Level | mm | 3782 | 3994 | 3715 | 3927 |
| | ft/in | 12'4" | 13'1" | 12'2" | 12'10" |
| A † Digging Depth | mm | 119 | 119 | 109 | 109 |
| | in | 4.6" | 4.6" | 4.3" | 4.3" |
| 12 † Overall Length | mm | 10 877 | 11 109 | 10 804 | 11 037 |
| | ft/in | 35'9" | 36'6" | 35'6" | 36'3" |
| B † Overall Height with Bucket at Maximum Lift | mm | 7182 | 7182 | 7115 | 7115 |
| | ft/in | 23'7" | 23'7" | 23'5" | 23'5" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 8127 | 8243 | 8119 | 8235 |
| | ft/in | 26'8" | 27'1" | 26'8" | 27'1" |
| Static Tipping Load, Straight (ISO)* | kg | 21 975 | 21 878 | 22 281 | 22 184 |
| | lb | 48,434 | 48,219 | 49,108 | 48,894 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 23 076 | 22 978 | 23 375 | 23 278 |
| | lb | 50,861 | 50,644 | 51,520 | 51,304 |
| Static Tipping Load, Articulated (ISO)* | kg | 18 513 | 18 415 | 18 806 | 18 709 |
| | lb | 40,804 | 40,588 | 41,449 | 41,235 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 19 634 | 19 536 | 19 920 | 19 822 |
| | lb | 43,275 | 43,058 | 43,905 | 43,689 |
| Breakout Force (§) | kN | 223 | 223 | 233 | 233 |
| | lbf | 50,259 | 50,135 | 52,549 | 52,430 |
| Operating Weight* | kg | 36 978 | 37 050 | 36 724 | 36 796 |
| | lb | 81,498 | 81,658 | 80,938 | 81,098 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

***Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | High Lift Linkage | | | |
|--|-----------------|------------------------------------|--------------------|---|--------------------|
| Bucket Type | Edge Type | General Purpose – Hook-On – Fusion | | General Purpose – Hook-On – Fusion – Abrasion | |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Capacity – Rated | m ³ | 6.00 | 6.00 | 6.70 | 6.70 |
| | yd ³ | 7.75 | 7.75 | 8.75 | 8.75 |
| Capacity – Rated at 110% Fill Factor | m ³ | 6.60 | 6.60 | 7.40 | 7.40 |
| | yd ³ | 8.75 | 8.75 | 9.75 | 9.75 |
| Width | mm | 3602 | 3698 | 3602 | 3698 |
| | ft/in | 11'9" | 12'1" | 11'9" | 12'1" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3656 | 3468 | 3577 | 3388 |
| | ft/in | 11'11" | 11'4" | 11'8" | 11'1" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1756 | 1914 | 1821 | 1977 |
| | ft/in | 5'9" | 6'3" | 5'11" | 6'5" |
| Reach at Level Lift Arm and Bucket Level | mm | 3766 | 4009 | 3870 | 4113 |
| | ft/in | 12'4" | 13'1" | 12'8" | 13'5" |
| A † Digging Depth | mm | 130 | 130 | 130 | 130 |
| | in | 5.1" | 5.1" | 5.1" | 5.1" |
| 12 † Overall Length | mm | 10 867 | 11 130 | 10 971 | 11 234 |
| | ft/in | 35'8" | 36'7" | 36'0" | 36'11" |
| B † Overall Height with Bucket at Maximum Lift | mm | 7067 | 7067 | 7165 | 7165 |
| | ft/in | 23'3" | 23'3" | 23'7" | 23'7" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 8121 | 8261 | 8157 | 8297 |
| | ft/in | 26'8" | 27'2" | 26'10" | 27'3" |
| Static Tipping Load, Straight (ISO)* | kg | 20 624 | 20 536 | 20 283 | 20 197 |
| | lb | 45,456 | 45,262 | 44,704 | 44,514 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 21 665 | 21 576 | 21 332 | 21 245 |
| | lb | 47,749 | 47,554 | 47,016 | 46,825 |
| Static Tipping Load, Articulated (ISO)* | kg | 17 266 | 17 178 | 16 938 | 16 851 |
| | lb | 38,055 | 37,861 | 37,331 | 37,141 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 18 329 | 18 240 | 18 008 | 17 922 |
| | lb | 40,397 | 40,202 | 39,691 | 39,500 |
| Breakout Force (§) | kN | 224 | 223 | 209 | 209 |
| | lbf | 50,330 | 50,196 | 47,097 | 46,966 |
| Operating Weight* | kg | 37 695 | 37 760 | 37 923 | 37 985 |
| | lb | 83,080 | 83,223 | 83,582 | 83,719 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

***Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets (continued)

| Linkage | | High Lift Linkage | | | | |
|---|-----------------|--------------------------|-----------------------|--------------------------|-----------------------|---|
| Bucket Type | | Flat Floor – Pin-On | | Flat Floor – Pin-On – HD | | Flat Floor – Pin-On – Light Material (Coal) |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges |
| Capacity – Rated | m ³ | 6.40 | 6.40 | 7.00 | 7.00 | 8.80 |
| | yd ³ | 8.25 | 8.25 | 9.25 | 9.25 | 11.50 |
| Capacity – Rated at 110% Fill Factor | m ³ | 7.00 | 7.00 | 7.70 | 7.70 | 9.70 |
| | yd ³ | 9.25 | 9.25 | 10.00 | 10.00 | 12.75 |
| Width | mm | 3602 | 3665 | 3602 | 3665 | 3639 |
| | ft/in | 11'9" | 12'0" | 11'9" | 12'0" | 11'11" |
| 16† Dump Clearance at Maximum Lift and 45° Discharge | mm | 3655 | 3478 | 3607 | 3430 | 3424 |
| | ft/in | 11'11" | 11'4" | 11'10" | 11'3" | 11'2" |
| 17† Reach at Maximum Lift and 45° Discharge | mm | 1577 | 1699 | 1642 | 1764 | 1804 |
| | ft/in | 5'2" | 5'6" | 5'4" | 5'9" | 5'11" |
| Reach at Level Lift Arm and Bucket Level | mm | 3661 | 3873 | 3741 | 3953 | 3986 |
| | ft/in | 12'0" | 12'8" | 12'3" | 12'11" | 13'0" |
| A† Digging Depth | mm | 119 | 119 | 107 | 107 | 122 |
| | in | 4.6" | 4.6" | 4.2" | 4.2" | 4.8" |
| 12† Overall Length | mm | 10 756 | 10 988 | 10 829 | 11 062 | 11 082 |
| | ft/in | 35'4" | 36'1" | 35'7" | 36'4" | 36'5" |
| B† Overall Height with Bucket at Maximum Lift | mm | 7032 | 7032 | 7116 | 7116 | 7369 |
| | ft/in | 23'1" | 23'1" | 23'5" | 23'5" | 24'3" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 8087 | 8202 | 8108 | 8223 | 8212 |
| | ft/in | 26'7" | 26'11" | 26'8" | 27'0" | 27'0" |
| Static Tipping Load, Straight (ISO)* | kg | 22 063 | 21 968 | 20 961 | 20 865 | 21 166 |
| | lb | 48,628 | 48,418 | 46,200 | 45,988 | 46,650 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 23 122 | 23 026 | 22 024 | 21 927 | 22 257 |
| | lb | 50,961 | 50,749 | 48,541 | 48,328 | 49,056 |
| Static Tipping Load, Articulated (ISO)* | kg | 18 629 | 18 533 | 17 531 | 17 435 | 17 773 |
| | lb | 41,059 | 40,848 | 38,639 | 38,426 | 39,173 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 19 709 | 19 613 | 18 615 | 18 518 | 18 886 |
| | lb | 43,439 | 43,227 | 41,028 | 40,815 | 41,626 |
| Breakout Force (§) | kN | 242 | 241 | 225 | 225 | 197 |
| | lbf | 54,378 | 54,256 | 50,767 | 50,648 | 44,407 |
| Operating Weight* | kg | 36 759 | 36 831 | 37 744 | 37 816 | 37 269 |
| | lb | 81,016 | 81,175 | 83,187 | 83,346 | 82,141 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

*** Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | High Lift Linkage | |
|--|-----------------|------------------------------|--------------------|
| Bucket Type | | Rock, Spade – Pin-On – HD*** | |
| Edge Type | | Teeth and Segments | Teeth and Segments |
| Capacity – Rated | m ³ | 5.40 | 5.80 |
| | yd ³ | 7.00 | 7.50 |
| Capacity – Rated at 110% Fill Factor | m ³ | 5.90 | 6.40 |
| | yd ³ | 7.75 | 8.25 |
| Width | mm | 3663 | 3663 |
| | ft/in | 12'0" | 12'0" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3592 | 3548 |
| | ft/in | 11'9" | 11'7" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1945 | 1970 |
| | ft/in | 6'4" | 6'5" |
| Reach at Level Lift Arm and Bucket Level | mm | 3961 | 4011 |
| | ft/in | 12'11" | 13'1" |
| A † Digging Depth | mm | 70 | 70 |
| | in | 2.7" | 2.7" |
| 12 † Overall Length | mm | 11 067 | 11 117 |
| | ft/in | 36'4" | 36'6" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6986 | 7031 |
| | ft/in | 23'0" | 23'1" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 8223 | 8240 |
| | ft/in | 27'0" | 27'1" |
| Static Tipping Load, Straight (ISO)* | kg | 22 431 | 22 252 |
| | lb | 49,438 | 49,045 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 23 556 | 23 382 |
| | lb | 51,919 | 51,536 |
| Static Tipping Load, Articulated (ISO)* | kg | 18 820 | 18 648 |
| | lb | 41,480 | 41,101 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 19 968 | 19 800 |
| | lb | 44,010 | 43,641 |
| Breakout Force (§) | kN | 225 | 218 |
| | lbf | 50,745 | 49,120 |
| Operating Weight* | kg | 38 845 | 38 959 |
| | lb | 85,615 | 85,865 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

***Rock bucket specifications are given on Bridgestone 33/65R29 VSDL L5 radial tires.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | Aggregate Handler Linkage | | | | | |
|--|-----------------|---------------------------|--------------------|-------------------------------------|--------------------|-----------------------|--------------------|
| Bucket Type | Edge Type | General Purpose – Pin On | | General Purpose – Pin On – Abrasion | | | |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Capacity – Rated | m ³ | 6.10 | 6.10 | 6.40 | 6.40 | 7.00 | 7.00 |
| | yd ³ | 8.00 | 8.00 | 8.25 | 8.25 | 9.25 | 9.25 |
| Capacity – Rated at 110% Fill Factor | m ³ | 6.70 | 6.70 | 7.00 | 7.00 | 7.70 | 7.70 |
| | yd ³ | 8.75 | 8.75 | 9.25 | 9.25 | 10.00 | 10.00 |
| Width | mm | 3602 | 3665 | 3602 | 3665 | 3602 | 3665 |
| | ft/in | 11'9" | 12'0" | 11'9" | 12'0" | 11'9" | 12'0" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3362 | 3194 | 3325 | 3156 | 3275 | 3106 |
| | ft/in | 11'0" | 10'5" | 10'10" | 10'4" | 10'8" | 10'2" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1569 | 1703 | 1602 | 1735 | 1644 | 1776 |
| | ft/in | 5'1" | 5'7" | 5'3" | 5'8" | 5'4" | 5'9" |
| Reach at Level Lift Arm and Bucket Level | mm | 3257 | 3468 | 3307 | 3518 | 3374 | 3585 |
| | ft/in | 10'8" | 11'4" | 10'10" | 11'6" | 11'0" | 11'9" |
| A † Digging Depth | mm | 119 | 119 | 119 | 119 | 119 | 119 |
| | in | 4.6" | 4.6" | 4.6" | 4.6" | 4.6" | 4.6" |
| 12 † Overall Length | mm | 10 298 | 10 533 | 10 348 | 10 583 | 10 415 | 10 650 |
| | ft/in | 33'10" | 34'7" | 34'0" | 34'9" | 34'3" | 35'0" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6572 | 6572 | 6639 | 6639 | 6706 | 6706 |
| | ft/in | 21'7" | 21'7" | 21'10" | 21'10" | 22'0" | 22'0" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7885 | 7993 | 7900 | 8009 | 7921 | 8030 |
| | ft/in | 25'11" | 26'3" | 26'0" | 26'4" | 26'0" | 26'5" |
| Static Tipping Load, Straight (ISO)* | kg | 26 088 | 25 989 | 25 977 | 25 878 | 25 738 | 25 638 |
| | lb | 57,498 | 57,281 | 57,254 | 57,035 | 56,726 | 56,506 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 27 499 | 27 400 | 27 388 | 27 288 | 27 158 | 27 057 |
| | lb | 60,609 | 60,389 | 60,365 | 60,144 | 59,857 | 59,634 |
| Static Tipping Load, Articulated (ISO)* | kg | 22 175 | 22 076 | 22 063 | 21 964 | 21 834 | 21 734 |
| | lb | 48,873 | 48,656 | 48,628 | 48,409 | 48,124 | 47,903 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 23 592 | 23 493 | 23 482 | 23 381 | 23 261 | 23 160 |
| | lb | 51,998 | 51,779 | 51,754 | 51,533 | 51,269 | 51,046 |
| Breakout Force (§) | kN | 262 | 262 | 253 | 253 | 242 | 242 |
| | lbf | 59,039 | 58,891 | 57,055 | 56,907 | 54,561 | 54,413 |
| Operating Weight* | kg | 36 186 | 36 258 | 36 284 | 36 356 | 36 425 | 36 497 |
| | lb | 79,754 | 79,913 | 79,970 | 80,129 | 80,280 | 80,440 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

** Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

| Linkage | | Aggregate Handler Linkage | | | | | |
|--|-----------------|-------------------------------------|--------------------|-----------------------|--------------------|-------------------------------|--------------------|
| Bucket Type | | General Purpose – Pin On – Abrasion | | | | General Purpose – Pin On – HD | |
| Edge Type | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Capacity – Rated | m ³ | 7.50 | 7.50 | 8.20 | 8.20 | 7.00 | 7.00 |
| | yd ³ | 9.75 | 9.75 | 10.75 | 10.75 | 9.25 | 9.25 |
| Capacity – Rated at 110% Fill Factor | m ³ | 8.30 | 8.30 | 9.00 | 9.00 | 7.70 | 7.70 |
| | yd ³ | 10.75 | 10.75 | 11.75 | 11.75 | 10.00 | 10.00 |
| Width | mm | 3602 | 3665 | 3602 | 3665 | 3646 | 3709 |
| | ft/in | 11'9" | 12'0" | 11'9" | 12'0" | 11'11" | 12'2" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3224 | 3055 | 3151 | 2981 | 3282 | 3113 |
| | ft/in | 10'6" | 10'0" | 10'4" | 9'9" | 10'9" | 10'2" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1689 | 1820 | 1755 | 1885 | 1652 | 1785 |
| | ft/in | 5'6" | 5'11" | 5'9" | 6'2" | 5'5" | 5'10" |
| Reach at Level Lift Arm and Bucket Level | mm | 3442 | 3653 | 3542 | 3753 | 3375 | 3586 |
| | ft/in | 11'3" | 11'11" | 11'7" | 12'3" | 11'0" | 11'9" |
| A † Digging Depth | mm | 119 | 119 | 119 | 119 | 109 | 109 |
| | in | 4.6" | 4.6" | 4.6" | 4.6" | 4.2" | 4.2" |
| 12 † Overall Length | mm | 10 483 | 10 718 | 10 583 | 10 818 | 10 409 | 10 644 |
| | ft/in | 34'5" | 35'2" | 34'9" | 35'6" | 34'2" | 35'0" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6773 | 6773 | 6868 | 6868 | 6706 | 6706 |
| | ft/in | 22'3" | 22'3" | 22'7" | 22'7" | 22'0" | 22'0" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7943 | 8052 | 7974 | 8085 | 7937 | 8046 |
| | ft/in | 26'1" | 26'5" | 26'2" | 26'7" | 26'1" | 26'5" |
| Static Tipping Load, Straight (ISO)* | kg | 25 528 | 25 427 | 25 193 | 25 091 | 25 854 | 25 754 |
| | lb | 56,264 | 56,042 | 55,526 | 55,302 | 56,983 | 56,762 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 26 957 | 26 855 | 26 634 | 26 531 | 27 275 | 27 174 |
| | lb | 59,413 | 59,189 | 58,701 | 58,475 | 60,115 | 59,892 |
| Static Tipping Load, Articulated (ISO)* | kg | 21 636 | 21 535 | 21 317 | 21 215 | 21 946 | 21 846 |
| | lb | 47,686 | 47,464 | 46,983 | 46,759 | 48,370 | 48,149 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 23 071 | 22 969 | 22 764 | 22 661 | 23 373 | 23 272 |
| | lb | 50,850 | 50,625 | 50,173 | 49,946 | 51,515 | 51,293 |
| Breakout Force (§) | kN | 232 | 231 | 218 | 217 | 243 | 242 |
| | lbf | 52,243 | 52,094 | 49,093 | 48,944 | 54,616 | 54,473 |
| Operating Weight* | kg | 36 531 | 36 603 | 36 716 | 36 788 | 36 277 | 36 349 |
| | lb | 80,514 | 80,673 | 80,922 | 81,081 | 79,954 | 80,114 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

** Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets (continued)

| Linkage | | Aggregate Handler Linkage | | | |
|--|-----------------|------------------------------------|--------------------|---|--------------------|
| Bucket Type | | General Purpose – Hook-On – Fusion | | General Purpose – Hook-On – Fusion – Abrasion | |
| Edge Type | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments |
| Capacity – Rated | m ³ | 6.00 | 6.00 | 6.70 | 6.70 |
| | yd ³ | 7.75 | 7.75 | 8.75 | 8.75 |
| Capacity – Rated at 110% Fill Factor | m ³ | 6.60 | 6.60 | 7.40 | 7.40 |
| | yd ³ | 8.75 | 8.75 | 9.75 | 9.75 |
| Width | mm | 3602 | 3698 | 3602 | 3698 |
| | ft/in | 11'9" | 12'1" | 11'9" | 12'1" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3247 | 3059 | 3168 | 2979 |
| | ft/in | 10'7" | 10'0" | 10'4" | 9'9" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1695 | 1853 | 1760 | 1916 |
| | ft/in | 5'6" | 6'0" | 5'9" | 6'3" |
| Reach at Level Lift Arm and Bucket Level | mm | 3426 | 3668 | 3530 | 3772 |
| | ft/in | 11'2" | 12'0" | 11'6" | 12'4" |
| A † Digging Depth | mm | 129 | 129 | 129 | 129 |
| | in | 5.1" | 5.1" | 5.1" | 5.1" |
| 12 † Overall Length | mm | 10 473 | 10 739 | 10 577 | 10 843 |
| | ft/in | 34'5" | 35'3" | 34'9" | 35'7" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6658 | 6658 | 6756 | 6756 |
| | ft/in | 21'11" | 21'11" | 22'2" | 22'2" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7937 | 8074 | 7971 | 8109 |
| | ft/in | 26'1" | 26'6" | 26'2" | 26'8" |
| Static Tipping Load, Straight (ISO)* | kg | 23 986 | 23 895 | 23 618 | 23 529 |
| | lb | 52,865 | 52,665 | 52,055 | 51,859 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 25 325 | 25 233 | 24 968 | 24 878 |
| | lb | 55,816 | 55,615 | 55,030 | 54,833 |
| Static Tipping Load, Articulated (ISO)* | kg | 20 224 | 20 133 | 19 872 | 19 783 |
| | lb | 44,574 | 44,374 | 43,798 | 43,602 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 21 574 | 21 482 | 21 232 | 21 142 |
| | lb | 47,549 | 47,347 | 46,796 | 46,598 |
| Breakout Force (§) | kN | 232 | 232 | 218 | 217 |
| | lbf | 52,324 | 52,164 | 48,982 | 48,825 |
| Operating Weight* | kg | 37 249 | 37 314 | 37 477 | 37 539 |
| | lb | 82,095 | 82,239 | 82,598 | 82,735 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

** Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Operating Specifications – Buckets (continued)

| Linkage | | Aggregate Handler Linkage | | | | |
|---|-----------------|---------------------------|-----------------------|--------------------------|-----------------------|---|
| Bucket Type | | Flat Floor – Pin-On | | Flat Floor – Pin-On – HD | | Flat Floor – Pin-On – Light Material (Coal) |
| | | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges | Teeth and Segments | Bolt-On Cutting Edges |
| Capacity – Rated | m ³ | 6.40 | 6.40 | 7.00 | 7.00 | 8.80 |
| | yd ³ | 8.25 | 8.25 | 9.25 | 9.25 | 11.50 |
| Capacity – Rated at 110% Fill Factor | m ³ | 7.00 | 7.00 | 7.70 | 7.70 | 9.70 |
| | yd ³ | 9.25 | 9.25 | 10.00 | 10.00 | 12.75 |
| Width | mm | 3602 | 3665 | 3602 | 3665 | 3639 |
| | ft/in | 11'9" | 12'0" | 11'9" | 12'0" | 11'11" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3246 | 3069 | 3198 | 3021 | 3015 |
| | ft/in | 10'7" | 10'0" | 10'5" | 9'10" | 9'10" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1516 | 1638 | 1581 | 1703 | 1743 |
| | ft/in | 4'11" | 5'4" | 5'2" | 5'7" | 5'8" |
| Reach at Level Lift Arm and Bucket Level | mm | 3321 | 3532 | 3401 | 3612 | 3645 |
| | ft/in | 10'10" | 11'7" | 11'1" | 11'10" | 11'11" |
| A † Digging Depth | mm | 119 | 119 | 107 | 107 | 122 |
| | in | 4.6" | 4.6" | 4.2" | 4.2" | 4.8" |
| 12 † Overall Length | mm | 10 362 | 10 597 | 10 434 | 10 669 | 10 687 |
| | ft/in | 34'0" | 34'10" | 34'3" | 35'1" | 35'1" |
| B † Overall Height with Bucket at Maximum Lift | mm | 6623 | 6623 | 6707 | 6707 | 6960 |
| | ft/in | 21'9" | 21'9" | 22'1" | 22'1" | 22'10" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 7905 | 8014 | 7925 | 8035 | 8025 |
| | ft/in | 26'0" | 26'4" | 26'0" | 26'5" | 26'4" |
| Static Tipping Load, Straight (ISO)* | kg | 25 569 | 25 470 | 24 448 | 24 349 | 24 581 |
| | lb | 56,354 | 56,137 | 53,884 | 53,665 | 54,177 |
| Static Tipping Load, Straight (Rigid Tire)* | kg | 26 937 | 26 838 | 25 822 | 25 722 | 25 991 |
| | lb | 59,369 | 59,151 | 56,913 | 56,693 | 57,284 |
| Static Tipping Load, Articulated (ISO)* | kg | 21 712 | 21 613 | 20 596 | 20 497 | 20 775 |
| | lb | 47,853 | 47,637 | 45,394 | 45,175 | 45,790 |
| Static Tipping Load, Articulated (Rigid Tire)* | kg | 23 089 | 22 990 | 21 979 | 21 879 | 22 194 |
| | lb | 50,888 | 50,670 | 48,442 | 48,222 | 48,916 |
| Breakout Force (§) | kN | 251 | 250 | 235 | 234 | 205 |
| | lbf | 56,505 | 56,357 | 52,804 | 52,662 | 46,188 |
| Operating Weight* | kg | 36 312 | 36 384 | 37 297 | 37 369 | 36 823 |
| | lb | 80,031 | 80,191 | 82,202 | 82,362 | 81,156 |

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 875/65R29 VLTS L4 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link, limited slip differentials, powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

** Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) 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.

982 Wheel Loader Specifications

Fork Specifications

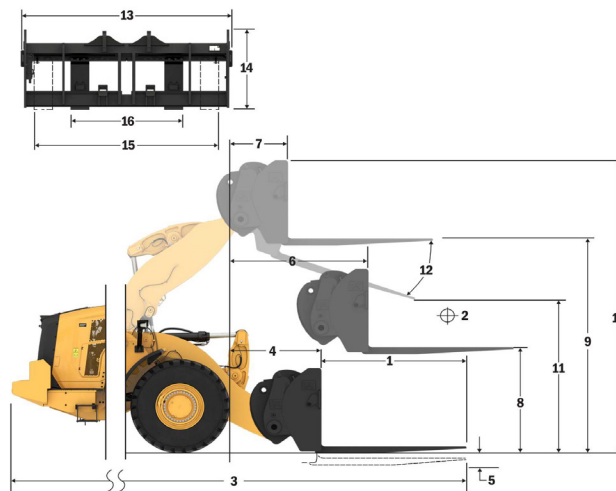
Fork Specifications

| | | | |
|----|---|-----|-------|
| 1 | Tine Length | mm | 1829 |
| | | in | 72.0 |
| 2 | Load Center | mm | 914 |
| | | in | 36.0 |
| | Static Tipping Load - Straight (Forks Level) | kg | 17989 |
| | | lbs | 39648 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 15437 |
| | | lbs | 34023 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 7719 |
| | | lbs | 17012 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 9262 |
| | | lbs | 20414 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 12350 |
| | | lbs | 27219 |
| 3 | Maximum Overall Length | mm | 10883 |
| | | in | 428.5 |
| 4 | Reach with Forks at Ground Level | mm | 1591 |
| | | in | 62.6 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -126 |
| | | in | -4.9 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2073 |
| | | in | 81.6 |
| 7 | Reach with Fork at Maximum Height | mm | 1028 |
| | | in | 40.5 |
| 8 | Ground to Top of Tine with Arms Horizontal and Fork Level | mm | 1959 |
| | | in | 77.1 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4479 |
| | | in | 176.4 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5523 |
| | | in | 217.4 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2678 |
| | | in | 105.4 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1129 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2627 |
| | | in | 103.4 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 85.0 |
| | | in | 3.3 |
| | Tine Capacity | kg | 18700 |
| | | lbs | 41215 |
| | Operating Weight | kg | 34496 |
| | | lbs | 76029 |

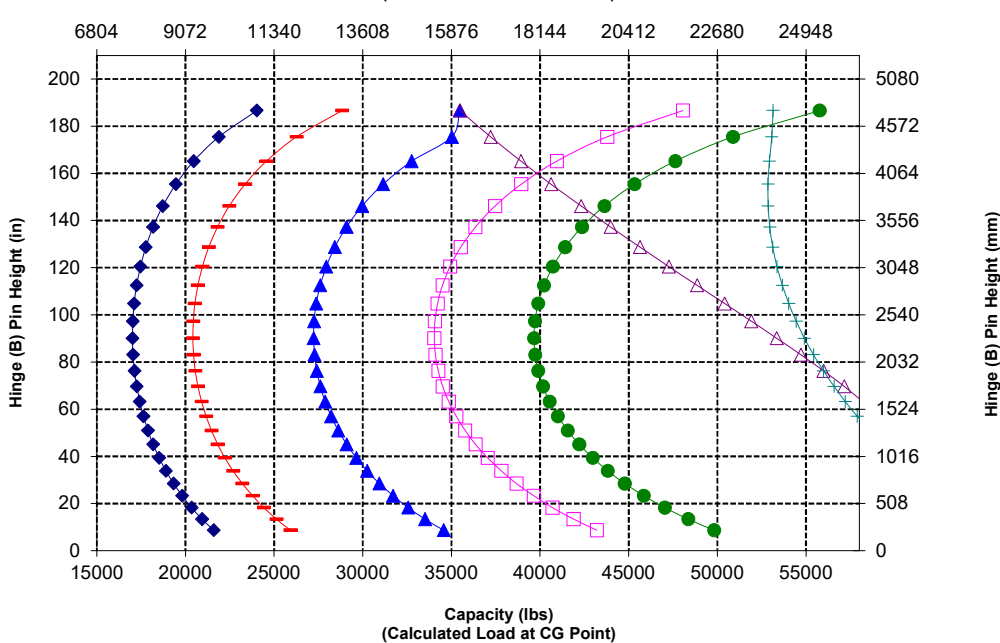
*Negative values indicate below grade

982 STD Construction Fork, HD, FUSION

108" Carriage 72" Tine
523-4199 523-4200



Capacity (kg)
(Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

982 Wheel Loader Specifications

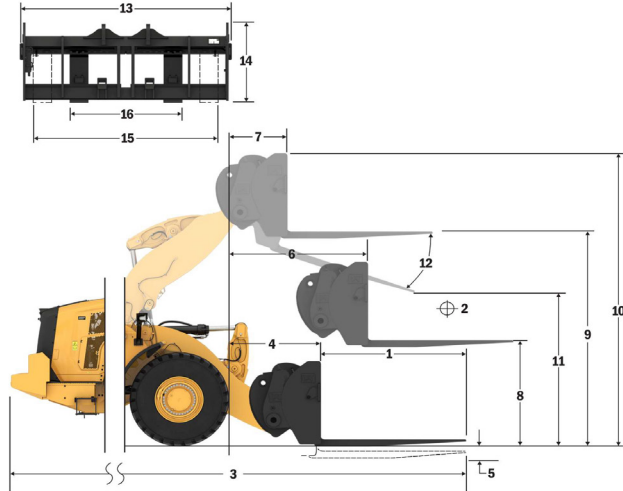
Fork Specifications

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 | 17217 |
| | | lbs | 37947 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 14759 |
| | | lbs | 32530 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 7380 |
| | | lbs | 16265 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 8856 |
| | | lbs | 19518 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 11808 |
| | | lbs | 26024 |
| 3 | Maximum Overall Length | mm | 11191 |
| | | in | 440.6 |
| 4 | Reach with Forks at Ground Level | mm | 1594 |
| | | in | 62.7 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -126 |
| | | in | -4.9 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2073 |
| | | in | 81.6 |
| 7 | Reach with Fork at Maximum Height | mm | 1028 |
| | | in | 40.5 |
| 8 | Ground to Top of Tine with Arms Horizontal and Fork Level | mm | 1964 |
| | | in | 77.3 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4484 |
| | | in | 176.6 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5523 |
| | | in | 217.4 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2438 |
| | | in | 96.0 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1129 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2627 |
| | | in | 103.4 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 90.0 |
| | | in | 3.5 |
| | Tine Capacity | kg | 17729 |
| | | lbs | 39075 |
| | Operating Weight | kg | 34598 |
| | | lbs | 76254 |

*Negative values indicate below grade

982 STD Construction Fork, HD, FUSION 108" Carriage 84" Tine 523-4199 523-4201



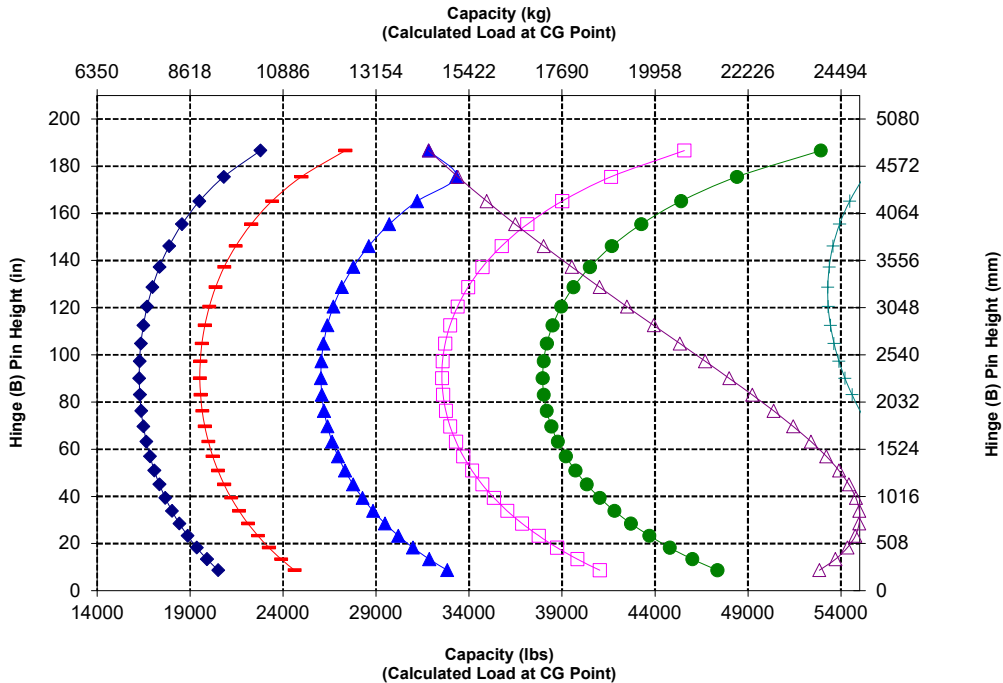
- Payload (SAE J1197)
- Payload (CEN EN 474-3 - Rough Terrain)
- Payload (CEN EN 474-3 - Firm & Level)
- Static Tipping Load - Articulated
- Static Tipping Load - Straight
- Hydraulic Lift Capacity
- Hydraulic Tilt Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

982 Wheel Loader Specifications

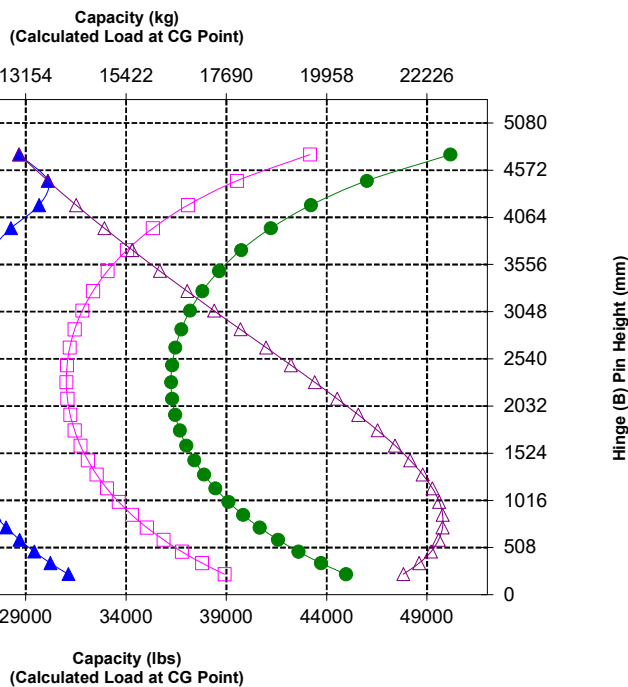
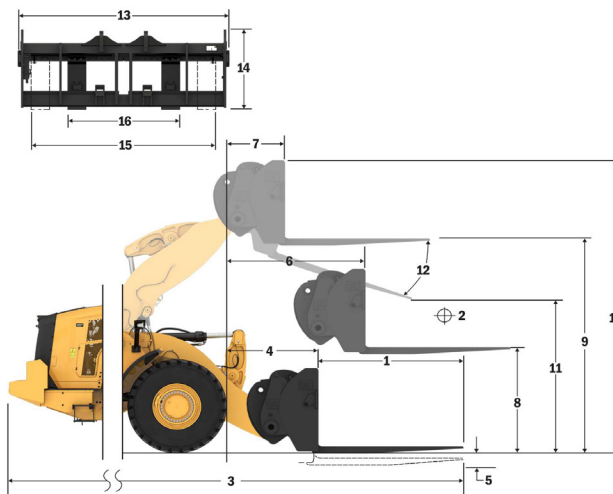
Fork Specifications

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 | 16439 |
| | | lbs | 36232 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 14070 |
| | | lbs | 31011 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 7035 |
| | | lbs | 15506 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 8442 |
| | | lbs | 18607 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 11256 |
| | | lbs | 24809 |
| 3 | Maximum Overall Length | mm | 11500 |
| | | in | 452.7 |
| 4 | Reach with Forks at Ground Level | mm | 1598 |
| | | in | 62.9 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -124 |
| | | in | -4.9 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2078 |
| | | in | 81.8 |
| 7 | Reach with Fork at Maximum Height | mm | 1033 |
| | | in | 40.7 |
| 8 | Ground to Top of Tine with Arms Horizontal and Fork Level | mm | 1966 |
| | | in | 77.4 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4486 |
| | | in | 176.6 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5523 |
| | | in | 217.4 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2196 |
| | | in | 86.5 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1127 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2629 |
| | | in | 103.5 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 90.0 |
| | | in | 3.5 |
| | Tine Capacity | kg | 15750 |
| | | lbs | 34713 |
| | Operating Weight | kg | 34749 |
| | | lbs | 76587 |

*Negative values indicate below grade

982 STD Construction Fork, HD, FUSION 108" Carriage 96" Tine 523-4199 523-4202



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

982 Wheel Loader Specifications

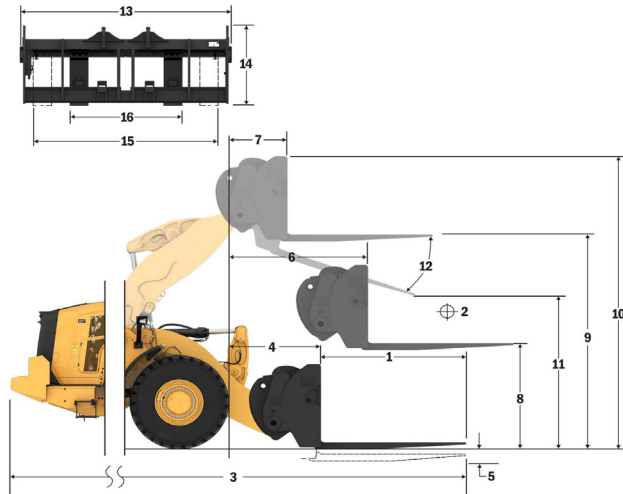
Fork Specifications

Fork Specifications

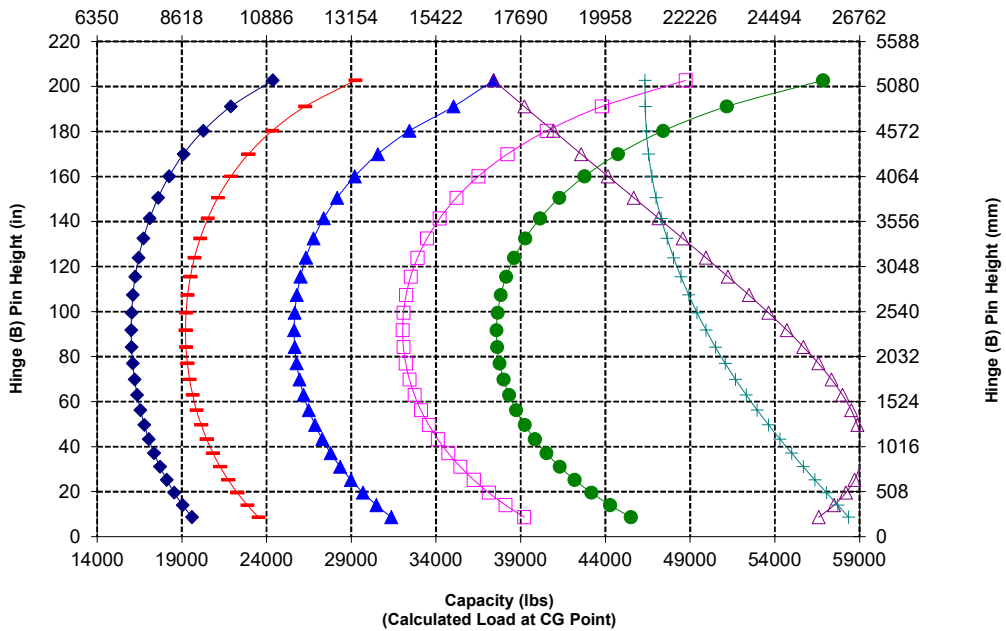
| | | | |
|----|---|-----|-------|
| 1 | Tine Length | mm | 1829 |
| | | in | 72.0 |
| 2 | Load Center | mm | 914 |
| | | in | 36.0 |
| | Static Tipping Load - Straight (Forks Level) | kg | 17040 |
| | | lbs | 37557 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 14529 |
| | | lbs | 32021 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 7264 |
| | | lbs | 16011 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 8717 |
| | | lbs | 19213 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 11623 |
| | | lbs | 25617 |
| 3 | Maximum Overall Length | mm | 11385 |
| | | in | 448.2 |
| 4 | Reach with Forks at Ground Level | mm | 1979 |
| | | in | 77.9 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -126 |
| | | in | -5.0 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2413 |
| | | in | 95.0 |
| 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 | 1959 |
| | | in | 77.1 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4888 |
| | | in | 192.5 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5932 |
| | | in | 233.5 |
| 11 | Clearance at Full Lift and Max Dump | mm | 3087 |
| | | in | 121.5 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1129 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2627 |
| | | in | 103.4 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 85.0 |
| | | in | 3.3 |
| | Tine Capacity | kg | 18700 |
| | | lbs | 41215 |
| | Operating Weight | kg | 35586 |
| | | lbs | 78431 |

*Negative values indicate below grade

982 HL Construction Fork, HD, FUSION 108" Carriage 72" Tine 523-4199 523-4200



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.

982 Wheel Loader Specifications

Fork Specifications

Fork Specifications

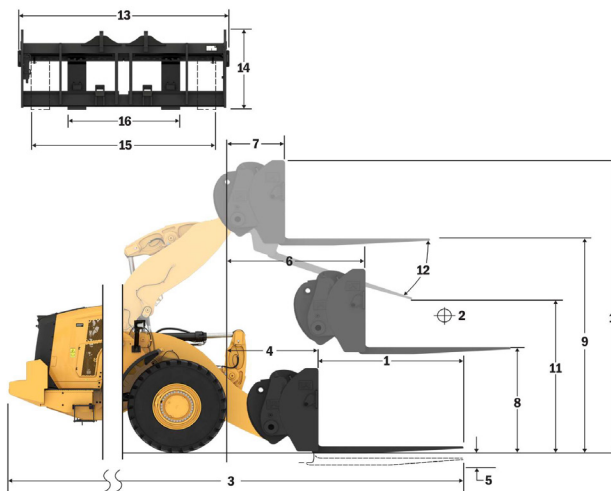
| | | | |
|----|---|-----|-------|
| 1 | Tine Length | mm | 2134 |
| | | in | 84.0 |
| 2 | Load Center | mm | 1067 |
| | | in | 42.0 |
| | Static Tipping Load - Straight (Forks Level) | kg | 16351 |
| | | lbs | 36038 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 13926 |
| | | lbs | 30692 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 6963 |
| | | lbs | 15346 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 8355 |
| | | lbs | 18415 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 11141 |
| | | lbs | 24554 |
| 3 | Maximum Overall Length | mm | 11692 |
| | | in | 460.3 |
| 4 | Reach with Forks at Ground Level | mm | 1982 |
| | | in | 78.0 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -126 |
| | | in | -5.0 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2413 |
| | | in | 95.0 |
| 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 | 1964 |
| | | in | 77.3 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4893 |
| | | in | 192.7 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5932 |
| | | in | 233.5 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2848 |
| | | in | 112.1 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1129 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2627 |
| | | in | 103.4 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 90.0 |
| | | in | 3.5 |
| | Tine Capacity | kg | 17729 |
| | | lbs | 39075 |
| | Operating Weight | kg | 35688 |
| | | lbs | 78656 |

*Negative values indicate below grade

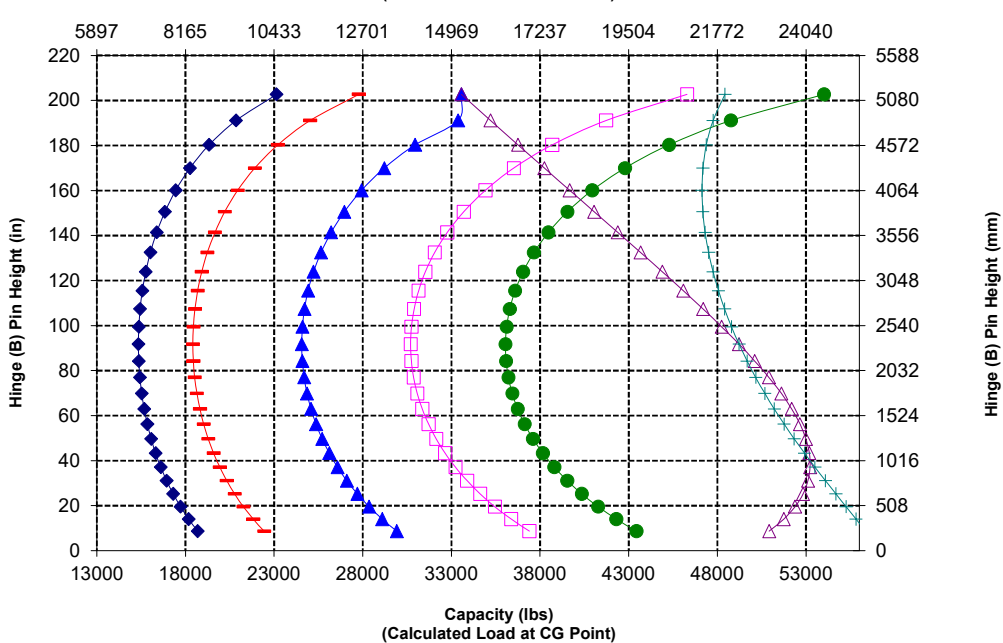
982 HL Construction Fork, HD, FUSION

108" Carriage
523-4199

84" Tine
523-4201



Capacity (kg)
(Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

982 Wheel Loader Specifications

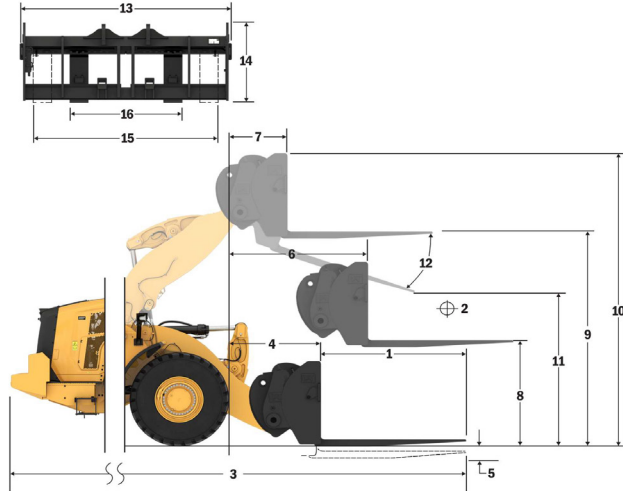
Fork Specifications

Fork Specifications

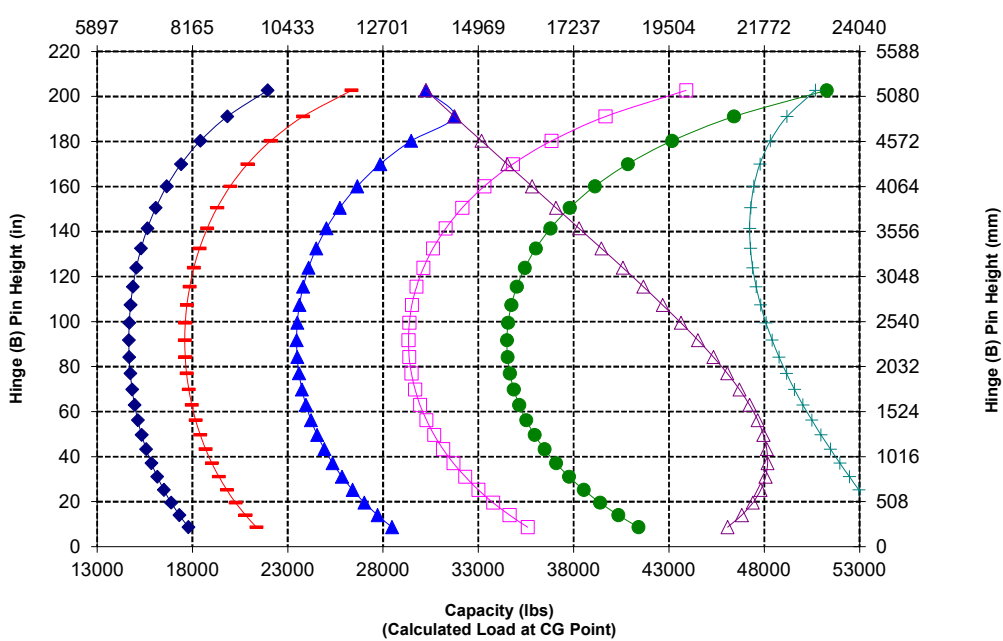
| | | | |
|----|---|-----|-------|
| 1 | Tine Length | mm | 2438 |
| | | in | 96.0 |
| 2 | Load Center | mm | 1219 |
| | | in | 48.0 |
| | Static Tipping Load - Straight (Forks Level) | kg | 15648 |
| | | lbs | 34488 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 13304 |
| | | lbs | 29322 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 6652 |
| | | lbs | 14661 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 7982 |
| | | lbs | 17593 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 10643 |
| | | lbs | 23457 |
| 3 | Maximum Overall Length | mm | 12001 |
| | | in | 472.5 |
| 4 | Reach with Forks at Ground Level | mm | 1986 |
| | | in | 78.2 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -124 |
| | | in | -4.9 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2418 |
| | | in | 95.2 |
| 7 | Reach with Fork at Maximum Height | mm | 1094 |
| | | in | 43.1 |
| 8 | Ground to Top of Tine with Arms Horizontal and Fork Level | mm | 1966 |
| | | in | 77.4 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4895 |
| | | in | 192.7 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5932 |
| | | in | 233.5 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2605 |
| | | in | 102.6 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1127 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2629 |
| | | in | 103.5 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 90.0 |
| | | in | 3.5 |
| | Tine Capacity | kg | 15750 |
| | | lbs | 34713 |
| | Operating Weight | kg | 35839 |
| | | lbs | 78989 |

*Negative values indicate below grade

982 HL Construction Fork, HD, FUSION 108" Carriage 96" Tine 523-4199 523-4202



Capacity (kg)
(Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

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**CEN - European Committee for Standardization



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

982 Wheel Loader Specifications

Fork Specifications

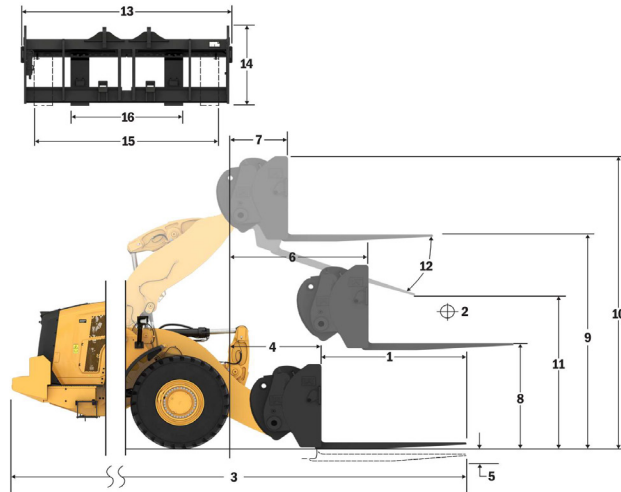
Fork Specifications

| | | | |
|----|---|-----|-------|
| 1 | Tine Length | mm | 1829 |
| | | in | 72.0 |
| 2 | Load Center | mm | 914 |
| | | in | 36.0 |
| | Static Tipping Load - Straight (Forks Level) | kg | 18988 |
| | | lbs | 41849 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 16261 |
| | | lbs | 35840 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 8131 |
| | | lbs | 17920 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 9757 |
| | | lbs | 21504 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 13009 |
| | | lbs | 28672 |
| 3 | Maximum Overall Length | mm | 10996 |
| | | in | 432.9 |
| 4 | Reach with Forks at Ground Level | mm | 1591 |
| | | in | 62.6 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -126 |
| | | in | -4.9 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2073 |
| | | in | 81.6 |
| 7 | Reach with Fork at Maximum Height | mm | 1028 |
| | | in | 40.5 |
| 8 | Ground to Top of Tine with Arms Horizontal and Fork Level | mm | 1959 |
| | | in | 77.1 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4479 |
| | | in | 176.4 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5523 |
| | | in | 217.4 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2678 |
| | | in | 105.4 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1129 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2627 |
| | | in | 103.4 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 85.0 |
| | | in | 3.3 |
| | Tine Capacity | kg | 18700 |
| | | lbs | 41215 |
| | Operating Weight | kg | 35139 |
| | | lbs | 77447 |

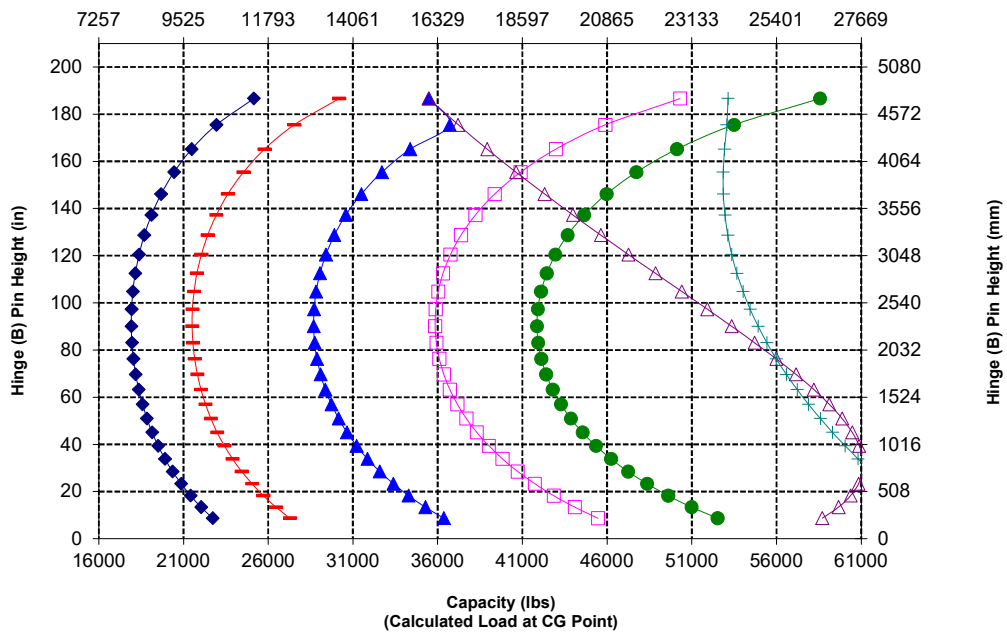
*Negative values indicate below grade

982 AGG Construction Fork, HD, FUSION

108" Carriage 72" Tine
523-4199 523-4200



Capacity (kg)
(Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

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**CEN - European Committee for Standardization



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

982 Wheel Loader Specifications

Fork Specifications

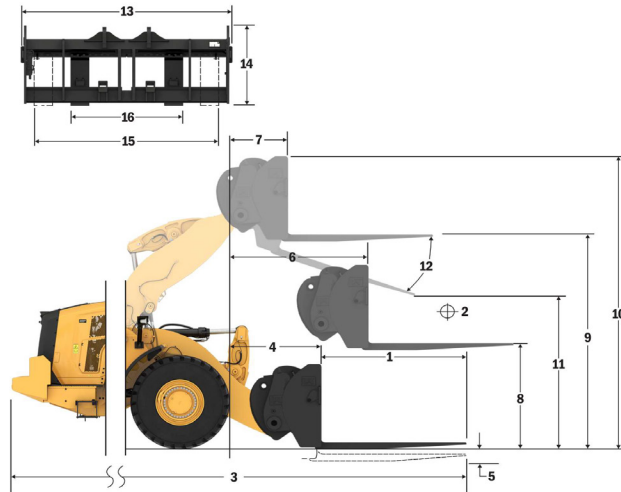
Fork Specifications

| | | | |
|----|---|-----|-------|
| 1 | Tine Length | mm | 2134 |
| | | in | 84.0 |
| 2 | Load Center | mm | 1067 |
| | | in | 42.0 |
| | Static Tipping Load - Straight (Forks Level) | kg | 18180 |
| | | lbs | 40068 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 15554 |
| | | lbs | 34281 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 7777 |
| | | lbs | 17141 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 9332 |
| | | lbs | 20569 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 12443 |
| | | lbs | 27425 |
| 3 | Maximum Overall Length | mm | 11304 |
| | | in | 445.0 |
| 4 | Reach with Forks at Ground Level | mm | 1594 |
| | | in | 62.7 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -126 |
| | | in | -4.9 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2073 |
| | | in | 81.6 |
| 7 | Reach with Fork at Maximum Height | mm | 1028 |
| | | in | 40.5 |
| 8 | Ground to Top of Tine with Arms Horizontal and Fork Level | mm | 1964 |
| | | in | 77.3 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4484 |
| | | in | 176.6 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5523 |
| | | in | 217.4 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2438 |
| | | in | 96.0 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1129 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2627 |
| | | in | 103.4 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 90.0 |
| | | in | 3.5 |
| | Tine Capacity | kg | 17729 |
| | | lbs | 39075 |
| | Operating Weight | kg | 35241 |
| | | lbs | 77671 |

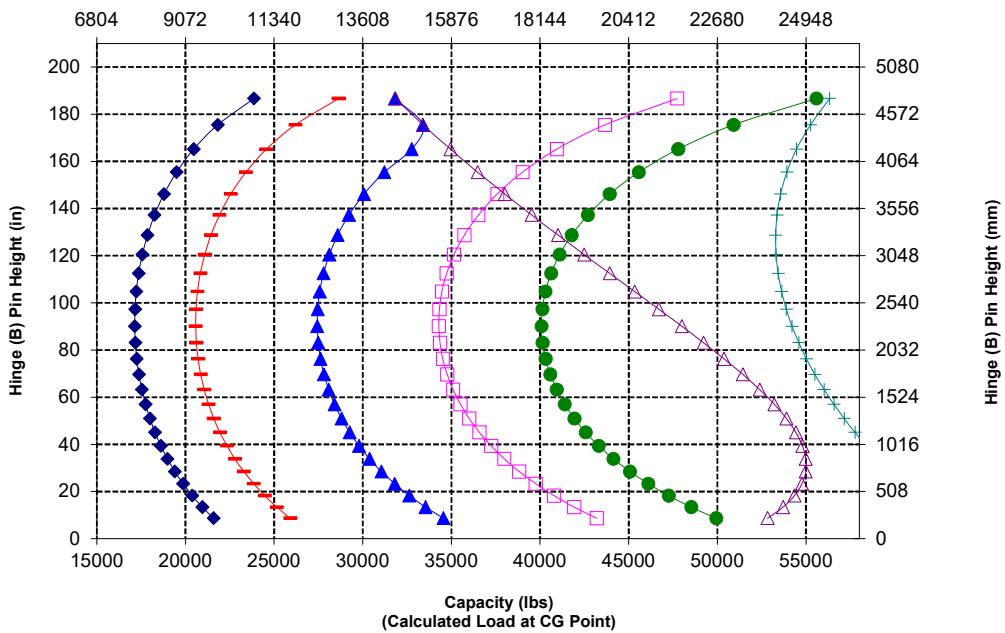
*Negative values indicate below grade

982 AGG Construction Fork, HD, FUSION

108" Carriage 84" Tine
523-4199 523-4201



Capacity (kg)
(Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

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**CEN - European Committee for Standardization



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

982 Wheel Loader Specifications

Fork Specifications

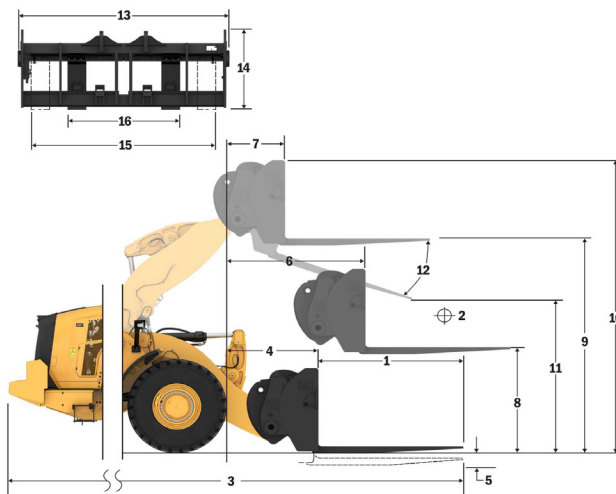
Fork Specifications

| | | | |
|----|---|-----|-------|
| 1 | Tine Length | mm | 2438 |
| | | in | 96.0 |
| 2 | Load Center | mm | 1219 |
| | | in | 48.0 |
| | Static Tipping Load - Straight (Forks Level) | kg | 17367 |
| | | lbs | 38277 |
| | Static Tipping Load - Articulated (Forks Level) | kg | 14837 |
| | | lbs | 32701 |
| | Rated Load (SAE J1197 - 50% FTSTL) | kg | 7418 |
| | | lbs | 16350 |
| | Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) | kg | 8902 |
| | | lbs | 19620 |
| | Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) | kg | 11870 |
| | | lbs | 26160 |
| 3 | Maximum Overall Length | mm | 11613 |
| | | in | 457.2 |
| 4 | Reach with Forks at Ground Level | mm | 1598 |
| | | in | 62.9 |
| 5 | *Ground to Bottom of Tine at Minimum Height and Fork Level | mm | -124 |
| | | in | -4.9 |
| 6 | Reach with Arms Horizontal and Forks Level | mm | 2078 |
| | | in | 81.8 |
| 7 | Reach with Fork at Maximum Height | mm | 1033 |
| | | in | 40.7 |
| 8 | Ground to Top of Tine with Arms Horizontal and Fork Level | mm | 1966 |
| | | in | 77.4 |
| 9 | Ground to Top of Tine at Maximum Height and Fork Level | mm | 4486 |
| | | in | 176.6 |
| 10 | Overall Height of Fork at Full Lift (top of carriage to ground) | mm | 5523 |
| | | in | 217.4 |
| 11 | Clearance at Full Lift and Max Dump | mm | 2196 |
| | | in | 86.5 |
| 12 | Max Discharge Angle from Horizontal | deg | 52 |
| 13 | Overall Carriage Width | mm | 2821 |
| | | in | 111.1 |
| 14 | Overall Carriage Height | mm | 1127 |
| | | in | 44.4 |
| 15 | Outside Tine Width (max spread) | mm | 2629 |
| | | in | 103.5 |
| 16 | Outside Tine Width (min spread) | mm | 747 |
| | | in | 29.4 |
| | Tine Width (single tine) | mm | 250.0 |
| | | in | 9.8 |
| | Tine Thickness | mm | 90.0 |
| | | in | 3.5 |
| | Tine Capacity | kg | 15750 |
| | | lbs | 34713 |
| | Operating Weight | kg | 35392 |
| | | lbs | 78004 |

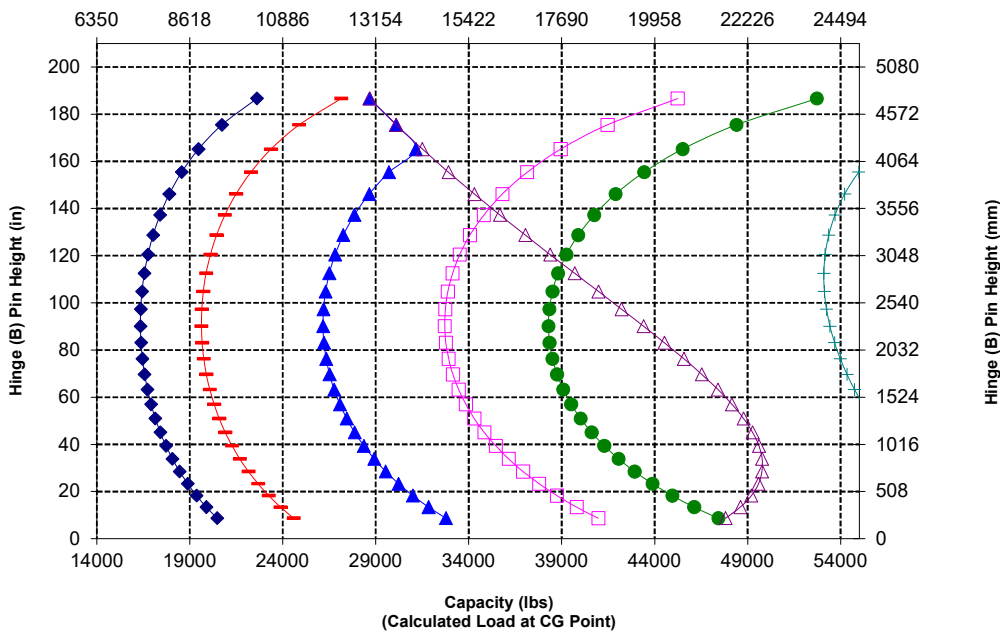
*Negative values indicate below grade

982 AGG Construction Fork, HD, FUSION

108" Carriage 96" Tine
523-4199 523-4202



Capacity (kg)
(Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone® VLTS L4 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.

982 Wheel Loader Specifications

Standard and Optional Equipment

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

| | Standard | Optional | | Standard | Optional |
|---|----------|----------|--|----------|----------|
| OPERATOR ENVIRONMENT | | | HYDRAULICS | | |
| Cab, pressurized, sound suppression | ✓ | | Implement system, load sensing with variable displacement piston pump | ✓ | |
| Door, remote opening system | | ✓ | Steering system, load sensing with dedicated variable displacement piston pump | ✓ | |
| EH implement controls, parking brake | ✓ | | Ride control, dual accumulators | ✓ | |
| Footrest | | ✓ | 3 rd auxiliary function with ride control | | ✓ |
| Steering, joystick | ✓ | | Oil sampling valves, Cat XT™ hoses | ✓ | |
| Implement joystick (2V, 3V only) | | ✓ | Quick coupler control | | ✓ |
| Entertainment radio (FM, AM, USB, BT) | | ✓ | POWERTRAIN | | |
| Entertainment radio (DAB+) | | ✓ | Cat C13 engine | ✓ | |
| CB radio ready | | ✓ | Electric fuel priming pump | ✓ | |
| Seat belt, monitored | ✓ | | Fuel-water separator and secondary fuel filter | ✓ | |
| Seat, cloth, air suspension | ✓ | | Engine, air precleaner | ✓ | |
| Seat, suede/cloth, air suspension, heated | | ✓ | Turbine, air precleaner | | ✓ |
| Seat, leather/cloth, air suspension, heated/cooled | | ✓ | Radiator, high debris | | ✓ |
| Touchscreen display | ✓ | | Cooling fan, reversible | | ✓ |
| Keypad, programmable buttons | ✓ | | Axles, open differentials | ✓ | |
| Mirrors, heated | | ✓ | Axles, limited slip differential(s) | | ✓ |
| Air conditioner, heater, defroster (auto temp, fan) | ✓ | | Axles, ecology drains, AOC ready | | ✓ |
| Sun visor, front, retractable | ✓ | | Axles, extreme temperature seals | | ✓ |
| Sun visor, rear, retractable | | ✓ | Axles, oil cooler | | ✓ |
| Windows, front, safety laminated rounded glass | ✓ | | Transmission, planetary, automatic powershift | ✓ | |
| Windows, front, heavy-duty, or full guards | | ✓ | Torque converter with lock-up | ✓ | |
| Windows, front, safety laminated rounded glass | ✓ | | Service brakes, hydraulic, fully enclosed wet disc, wear indicators | ✓ | |
| Windows, front, heavy-duty, or full guards | | ✓ | Integrated Braking System (IBS) | ✓ | |
| ON-BOARD TECHNOLOGIES | | | Park brake, caliper on front axles, spring applied-pressure released | ✓ | |
| Autodig with Auto Set Tires | ✓ | | Brake pedal neutralizer with decel function | ✓ | |
| Operator ID & machine security | ✓ | | ELECTRICAL | | |
| Application Profiles | ✓ | | Starting and charging system, 24V | ✓ | |
| Job Aids | ✓ | | Starter, electric, heavy-duty | ✓ | |
| Controls Help and eOMM* | ✓ | | Cold start, 120V or 240V | | ✓ |
| Cat Payload scale | ✓ | | Lights: halogen, 4 work lights, 2 front tower lights, 2 rearview lights | ✓ | |
| Cat Advanced Payload | | ✓ | Lights: roading with turn signals | | ✓ |
| Cat Payload for Trade**** | | ✓ | Lights: LED | | ✓ |
| Cat Payload Printer with E-ticket | | ✓ | | | |
| Key Features Inform | ✓ | | | | |
| Bucket Carry Display Widget | ✓ | | | | |
| Remote Flash | ✓ | | | | |

(continued on next page)

* Not available in all languages

** Standard where mandated

*** Not Compatible with roading arrangements

**** Available in Europe, Türkiye, Australia, and New Zealand. Country certifications vary. Contact your Cat dealer for more information.

Standard and Optional Equipment *(continued)*

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

| | Standard | Optional |
|--|----------|----------|
| MONITORING SYSTEM | | |
| Front dash with analog gauges, LCD display, and warning lights | ✓ | |
| Primary touchscreen monitor (Cat Payload, quad screens, machine settings & messages) | ✓ | |
| Tire Pressure Monitor | | ✓ |
| Maintenance Reminders | ✓ | |
| LINKAGE | | |
| Standard lift, Z-bar | ✓ | |
| High lift, Z-bar | | ✓ |
| Kickouts: lift and tilt | ✓ | |
| ADDITIONAL EQUIPMENT | | |
| Cat Autolube system | | ✓ |
| Fenders, roading | | ✓ |
| Guards: powertrain, crankcase, cab, cylinders, rear | | ✓ |
| Biodegradable hydraulic oil | | ✓ |
| High-speed oil change system | | ✓ |
| Rear cab access | | ✓ |
| Fast fill fuel tank | | ✓ |
| Toolbox | | ✓ |

| | Standard | Optional |
|---|----------|----------|
| SAFETY | | |
| Cat Detect rear radar system | | ✓ |
| Dedicated rearview screen | | ✓ |
| Visibility: mirrors, rearview camera | ✓ | |
| Multiview (360°) vision system | | ✓ |
| Window cleaning platform, front | ✓ | |
| 4-Point seat belt retractor | | ✓ |
| Reversing strobe lights*** | | ✓ |
| Seat belt monitoring beacon | | ✓ |
| Secondary steering system, electrical** | | ✓ |
| Wheel chocks | | ✓ |
| Warning beacon | | ✓ |
| Collision Warning System with Motion Inhibit and People Detection | | ✓ |
| Remote control | | ✓ |
| SPECIAL CONFIGURATIONS | | |
| Aggregate handler | | ✓ |
| Waste and scrap | | ✓ |
| Forestry | | ✓ |

* Not available in all languages

** Standard where mandated

*** Not Compatible with roading arrangements

**** Available in Europe, Türkiye, Australia, and New Zealand. Country certifications vary. Contact your Cat dealer for more information.

982 Environmental Declaration

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 C13 engine meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Nonroad Stage III.
- Cat engines are compatible with diesel fuel blended with 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 100% biodiesel.

** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

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 (3.52 lb) of refrigerant, which has a CO₂ 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 Performance

| | |
|--|-----------|
| Operator Sound Pressure Level (ISO 6396:2008) | 75 dB(A) |
| Exterior Sound Power Level (ISO 6395:2008) | 112 dB(A) |
| Operator Sound Pressure Level (ISO 6396:2008)* | 72 dB(A) |
| Exterior Sound Power Level (ISO 6395:2008)** | 109 dB(A) |

*Including countries that adopt the EU and UK Directives

**EU 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
 - Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance
 - 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 | 64.89% |
| Iron | 18.08% |
| Nonferrous Metal | 1.88% |
| Mixed Metal | 0.33% |
| Mixed-Metal and Nonmetal | 0.39% |
| Plastic | 0.82% |
| Rubber | 8.41% |
| Mixed Nonmetallic | 0.01% |
| Fluid | 1.14% |
| Other | 3.05% |
| Uncategorized | 0.99% |
| 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 – 98%



982

Forestry Machine

Millyard applications demand the additional performance, productivity, and safety that Cat Forestry Wheel Loaders deliver.

Proven Reliability

- Cat C13 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Durability

- Purpose-built heavy-duty frames, transmission, axles, and final drives assure long service life.
- Full-flow hydraulic filtration system with additional kidney-loop filtration improves hydraulic system reliability and component life.

Superior Fuel Efficiency & Productivity

- Forestry package includes additional counterweight, purpose-built rear frame, and larger tilt cylinders for increased load control over the base model.
- 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 valve auxiliary hydraulics to control work tools requiring the additional function.
- Increased engine power resulting in improved machine performance and response.
- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Optional limited slip differentials increase traction and reduce tire slip, lowering operating costs.
- 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.
- 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 20%.
- 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.
- Integrated Autolube extends component and service life.
- One-piece tilting hood makes engine compartment access fast and easy.

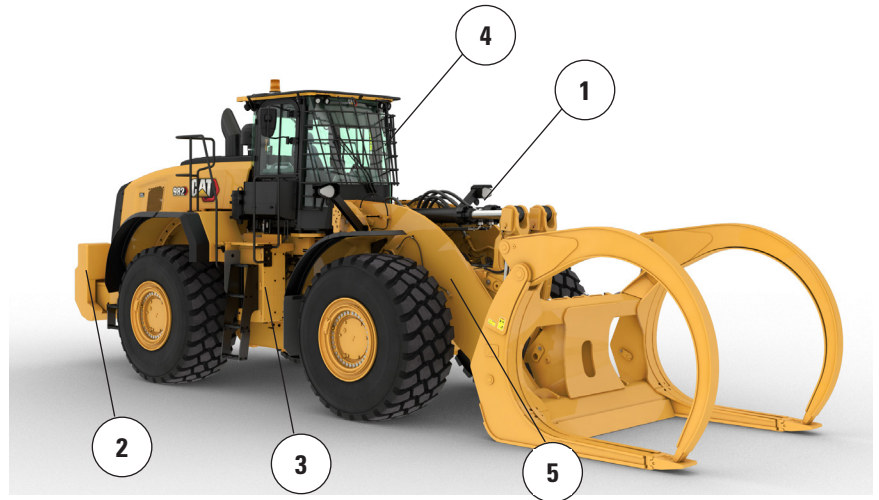
Work in Comfort in the All New Cab

- 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.

982 Forestry Machine Specifications

982 Forestry Machine Features

1. Larger tilt cylinders over the standard package for increased load control in fork applications
2. Additional counterweight over the aggregate package provides increased tipping loads in a millyard application
3. Purpose-built reinforced rear frame designed for durability
4. Optional window guarding to provide impact resistance to the glass
5. Optional 3rd function hydraulics provide auxiliary hydraulic control for work tools like millyard or logging forks



6. Optional variable pitch fan help 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

Tire Options

| Tire Brand | Maxam | Goodyear |
|--|------------------|--------------------|
| Tire Size | 875/65R29 | 875/65R29 |
| Tread Type | L-4 | L-4 |
| Tread Pattern | MS405DX | GP-4D |
| Width over Tires – Maximum (empty)* | 3474 mm 11'5" | 3484 mm 11'6" |
| Width over Tires – Maximum (loaded)* | 3486 mm 11'6" | 3499 mm 11'6" |
| Change in Vertical Dimensions (average of front and rear) | | 27 mm 1.6" |
| Change in Horizontal Reach | | -6 mm -0.2" |
| Change in Clearance Circle to Outside of Tires | | 13 mm 0.5" |
| Change in Clearance Circle to Inside of Tires | | -13 mm -0.5" |
| Change in Operating Weight (without Ballast) | | 552 kg 1,217 lb |
| Change in Static Tipping Load – Straight | | 366 kg 806 lb |
| Change in Static Tipping Load – Articulated | | 320 kg 705 lb |
| Rear Axle Oscillation Angle | ±13 degrees | ±13 degrees |
| Maximum Single-wheel Rise and Fall | 571 mm 1'10" | 571 mm 1'10" |

*Width over tire bulge and includes tire growth.

982 Forestry Machine Specifications

Operating Specifications – Buckets

| Linkage | | Standard Linkage | |
|--|-----------------|-----------------------|-----------------------|
| Bucket Type | | Woodchip | |
| Edge Type | | Bolt-On Cutting Edges | Bolt-On Cutting Edges |
| Capacity – Rated | m ³ | 12.00 | 17.20 |
| | yd ³ | 15.75 | 22.50 |
| Capacity – Rated at 110% Fill Factor | m ³ | 13.20 | 18.90 |
| | yd ³ | 17.25 | 24.75 |
| Width | mm | 4174 | 4434 |
| | ft/in | 13'8" | 14'6" |
| 16 † Dump Clearance at Maximum Lift and 45° Discharge | mm | 3002 | 2720 |
| | ft/in | 9'10" | 8'11" |
| 17 † Reach at Maximum Lift and 45° Discharge | mm | 1738 | 2027 |
| | ft/in | 5'8" | 6'7" |
| Reach at Level Lift Arm and Bucket Level | mm | 3638 | 4042 |
| | ft/in | 11'11" | 13'3" |
| A † Digging Depth | mm | 139 | 134 |
| | in | 5.4" | 5.2" |
| 12 † Overall Length | mm | 10 588 | 10 989 |
| | ft/in | 34'9" | 36'1" |
| B † Overall Height with Bucket at Maximum Lift | mm | 7038 | 7454 |
| | ft/in | 23'2" | 24'6" |
| Loader Clearance Circle Radius with Bucket at Carry Position | mm | 8258 | 8500 |
| | ft/in | 27'2" | 27'11" |
| Static Tipping Load, Straight (With tire deflection) | kg | 29 939 | 28 289 |
| | lb | 65,986 | 62,349 |
| Static Tipping Load, Straight (No tire deflection) | kg | 31 840 | 30 224 |
| | lb | 70,177 | 66,614 |
| Static Tipping Load, Articulated (With tire deflection) | kg | 25 133 | 23 584 |
| | lb | 55,393 | 51,981 |
| Static Tipping Load, Articulated (No tire deflection) | kg | 27 064 | 25 550 |
| | lb | 59,650 | 56,313 |
| Breakout Force (§) | kN | 279 | 226 |
| | lbf | 62,876 | 50,794 |
| Operating Weight* | kg | 39 620 | 40 390 |
| | lb | 87,322 | 89,019 |

* Static tipping loads and operating weights shown are based on a machine configuration with Maxam 875/65R29 MS405 *** L4 radial tires, full fluids, operator, logger counterweight, logger linkage, ride control, cold start, roading fenders, Product Link, open/open differentials, 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.



For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at 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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AEXQ3866-01 (1-2025)
Replaces AEXQ3866-00
Build Number: 14B
(Afr-ME, Eurasia, S Am
[excluding Chile and Colombia],
Aus-NZ, SE Asia, Indonesia)

