950
Wheel Loader

Technical Specifications

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

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

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

- Advertised power is tested per the specified standard in effect at the time of manufacture.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and muffler.
- Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:
  - 100% biodiesel FAME (fatty acid methyl ester)*
  - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

* 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.

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

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

- Advertised power is tested per the specified standard in effect at the time of manufacture.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and aftertreatment.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
  - 20% biodiesel FAME (fatty acid methyl ester)*
  - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

* Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.

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

Operating Specifications

Static Tipping Load – Full 40° Turn		
With Tire Deflection	10 936 kg	24,110 lb
No Tire Deflection	11 631 kg	25,642 lb
Breakout Force	152 kN	34,171 lbf

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

Buckets

Bucket Capacities	2.5-9.9 m^3	3.3-13.0 yd^3

Weight

Operating Weight	18 076 kg	39,851 lb

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

Transmission

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

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

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg (3.5 lb) of refrigerant which has a CO_2 equivalent 2.288 metric tonnes (2.522 tons).

Hydraulic System

Implement Pump Type	Variable Displacement Piston, Load Sensing	
Implement System:		
Maximum Pump Output (2,340 rpm)	322 L/min	85 gal/min
Maximum Operating Pressure	27 900 kPa	4,047 psi
Optional 3rd Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 3rd Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Optional 4th Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 4th 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	1.5 sec	
Lower, Empty, Float Down	3.0 sec	
Total	9.8 sec	

Sound

Operator Sound Pressure Level (ISO 6396:2008)	72 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	107 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	69 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	104 dB(A)

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

Service Refill Capacities

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

Brakes

Brakes	Brakes meet ISO 3450:2011 standards

Axles

Front	Fixed
Rear	Oscillating ±13 degrees

Cab

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

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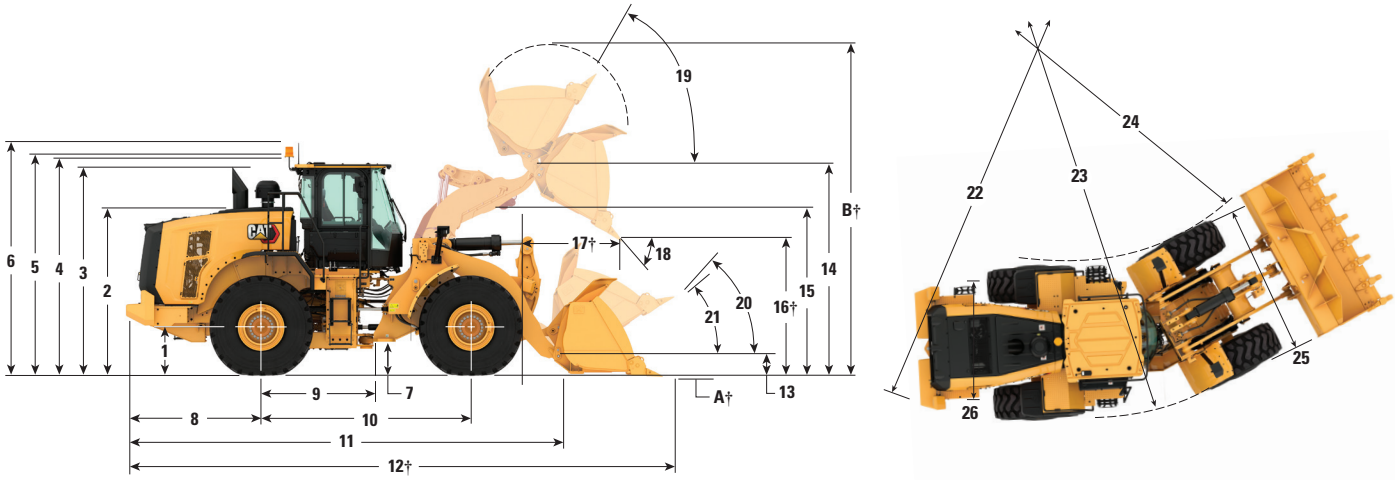
Dimensions

All dimensions are approximate.



		Standard Lift		High Lift	
1	Height to Axle Centerline	734 mm	2'4"	734 mm	2'4"
2	Height to Top of Hood	2695 mm	8'10"	2695 mm	8'10"
3	Height to Top of Exhaust Pipe	3408 mm	11'2"	3408 mm	11'3"
4	Height to Top of ROPS	3456 mm	11'4"	3456 mm	11'5"
5	Height to Top of Product Link Antenna	3463 mm	11'4"	3463 mm	11'5"
6	Height to Top of Warning Beacon	3736 mm	12'3"	3736 mm	12'4"
7	Ground Clearance	354 mm	1'1"	354 mm	1'1"
8	Centerline of Rear Axle to Edge of Counterweight	1942 mm	6'4"	2106 mm	6'11"
9	Centerline of Rear Axle to Hitch	1675 mm	5'5"	1675 mm	5'6"
10	Wheelbase	3350 mm	10'11"	3350 mm	11'0"
11	Overall Length (without bucket)	6797 mm	22'3"	7462 mm	24'6"
12	Shipping Length (with bucket level on ground)*†	8238 mm	27'0"	8750 mm	28'9"
13	Hinge Pin Height at Carry Height	624 mm	2'0"	745 mm	2'5"
14	Hinge Pin Height at Maximum Lift	3981 mm	13'0"	4476 mm	14'8"
15	Lift Arm Clearance at Maximum Lift	3393 mm	11'1"	3776 mm	12'4"
16	Dump Clearance at Maximum Lift and 45° Discharge*†	2844 mm	9'3"	3340 mm	10'11"
17	Reach at Maximum Lift and 45° Discharge*†	1325 mm	4'4"	1393 mm	4'6"
18	Dump Angle at Maximum Lift and Dump (on stops)*	53 degrees		50 degrees	
19	Rack Back at Maximum Lift*	60 degrees		65 degrees	
20	Rack Back at Carry Height*	49 degrees		54 degrees	
21	Rack Back at Ground*	41 degrees		46 degrees	
22	Clearance Circle (dia) to Counterweight	12 047 mm	39'7"	12 072 mm	39'8"
23	Clearance Circle (dia) to Outside of Tires	12 028 mm	39'6"	12 028 mm	39'6"
24	Clearance Circle (dia) to Inside of Tires	6380 mm	25'0"	6380 mm	25'0"
25	Width over Tires (unloaded)	2800 mm	9'3"	2800 mm	9'3"
	Width over Tires (loaded)	2824 mm	9'4"	2824 mm	9'4"
26	Tread Width	2140 mm	7'0"	2140 mm	7'0"

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

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

†Dimensions are listed in Operating Specifications charts.

Tire Options

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

*Width over tire bulge and includes tire growth.

Tire Brand	Michelin	Bridgestone	Bridgestone	Bridgestone	Bridgestone
Tire Size	**23.5R25**	**23.5R25**	**23.5R25**	**23.5R25**	**23.5-25**
Tread Type	**L–2**	**L–2**	**L–2**	**L–5**	**L–3**
Tread Pattern	**XSNO**	**VUT**	**VSW**	**VSDL**	**VL2**
Width over Tires – Maximum (empty)*	2833 mm 9'4"	2827 mm 9'4"	2805 mm 9'3"	2787 mm 9'2"	2770 mm 9'2"
Width over Tires – Maximum (loaded)*	2841 mm 9'4"	2820 mm 9'4"	2823 mm 9'4"	2804 mm 9'3"	2790 mm 9'2"
Change in Vertical Dimensions (average of front and rear)	9 mm 0.4"	0 mm 0"	10 mm 0.4"	65 mm 2.6"	19 mm 0.8"
Change in Horizontal Reach	-5 mm -0.2"	0 mm 0"	2 mm 0.1"	-36 mm -1.4"	-4 mm -0.1"
Change in Clearance Circle to Outside of Tires	18 mm 0.7"	-3 mm -0.1"	-1 mm 0"	-20 mm -0.8"	-34 mm -1.3"
Change in Clearance Circle to Inside of Tires	-18 mm -0.7"	3 mm 0.1"	1 mm 0"	20 mm 0.8"	34 mm 1.3"
Change in Operating Weight (without ballast)	-144 kg -318 lb	-120 kg -265 lb	-60 kg -132 lb	700 kg 1,544 lb	-268 kg -591 lb
Change in Static Tipping Load – Straight	-96 kg -211 lb	-80 kg -176 lb	-40 kg -88 lb	466 kg 1,026 lb	-178 kg -393 lb
Change in Static Tipping Load – Articulated	-84 kg -186 lb	-70 kg -153 lb	-35 kg -77 lb	406 kg 895 lb	-155 kg -343 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±8 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	481 mm 1'7"	481 mm 1'7"	298 mm 1'0"	298 mm 1'0"	481 mm 1'7"

*Width over tire bulge and includes tire growth.

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Tire Options

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

*Width over tire bulge and includes tire growth.

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

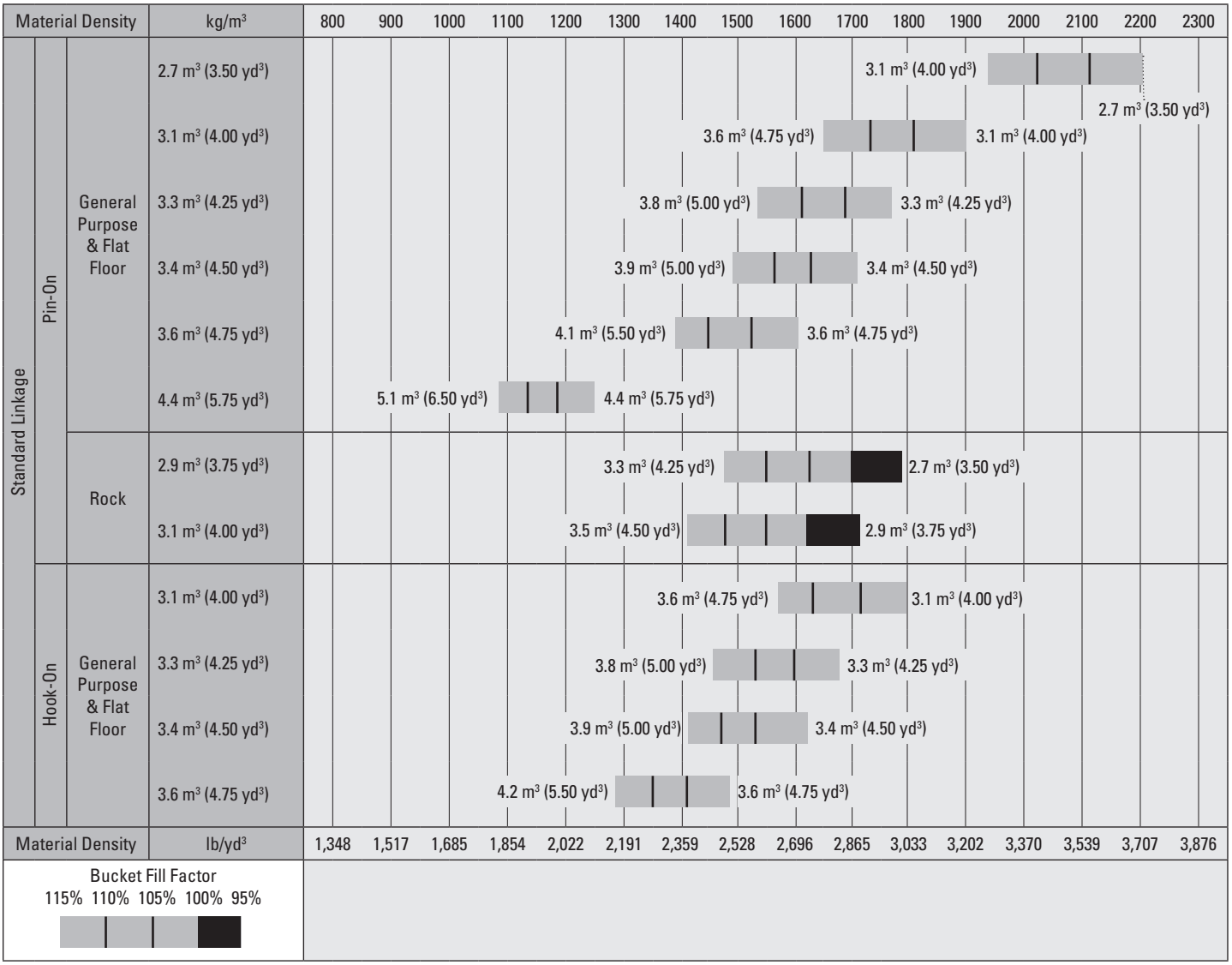
*Width over tire bulge and includes tire growth.

Bucket Fill Factors and Selection Guide

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

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

*As a % of ISO 7546:1983 rated capacity.
Note: Fill Factors achieved will also depend on whether the product is washed or not washed.



Note: All buckets are showing Bolt-On Edges.

950 Wheel Loader Specifications

Bucket Fill Factors and Selection Guide

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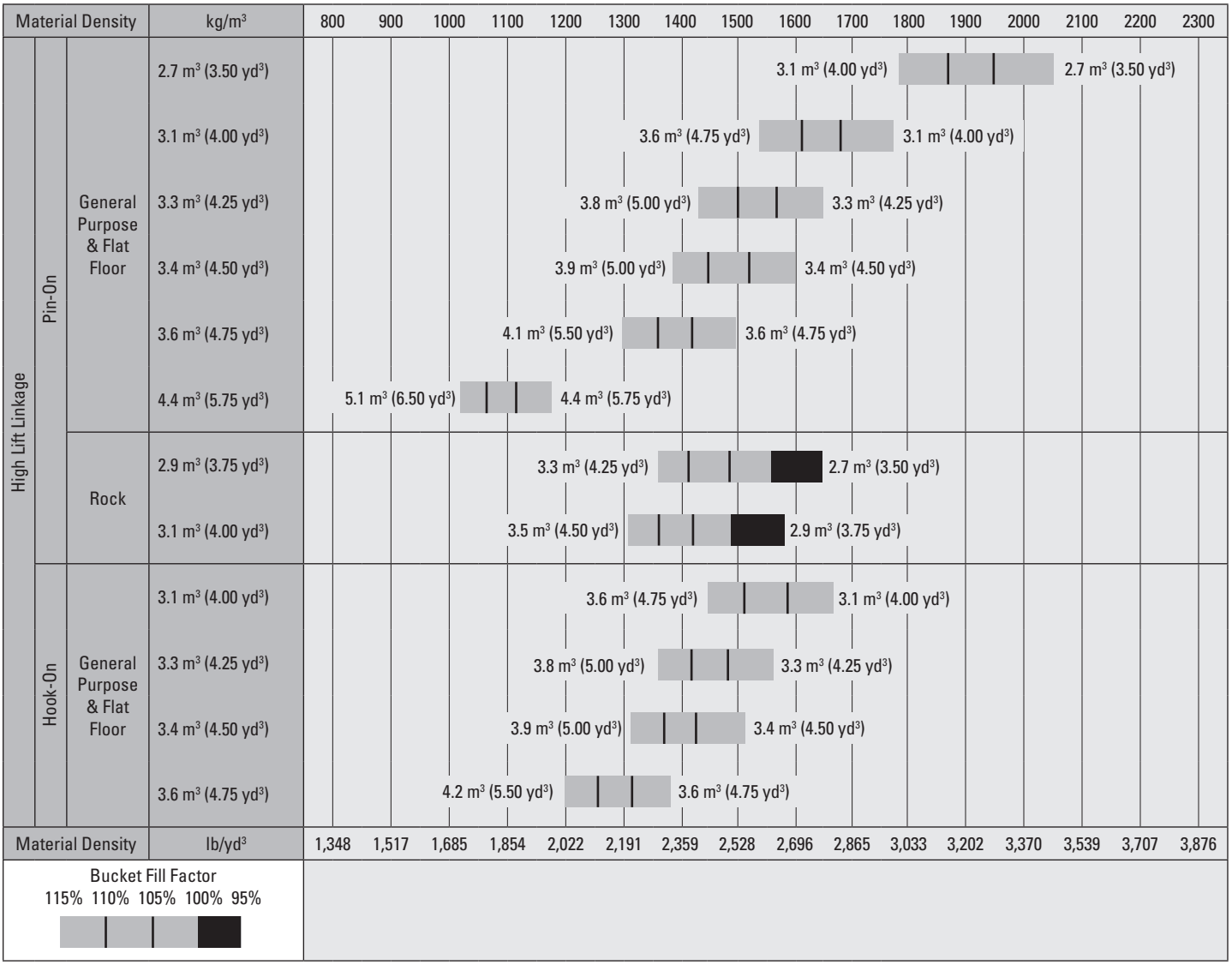

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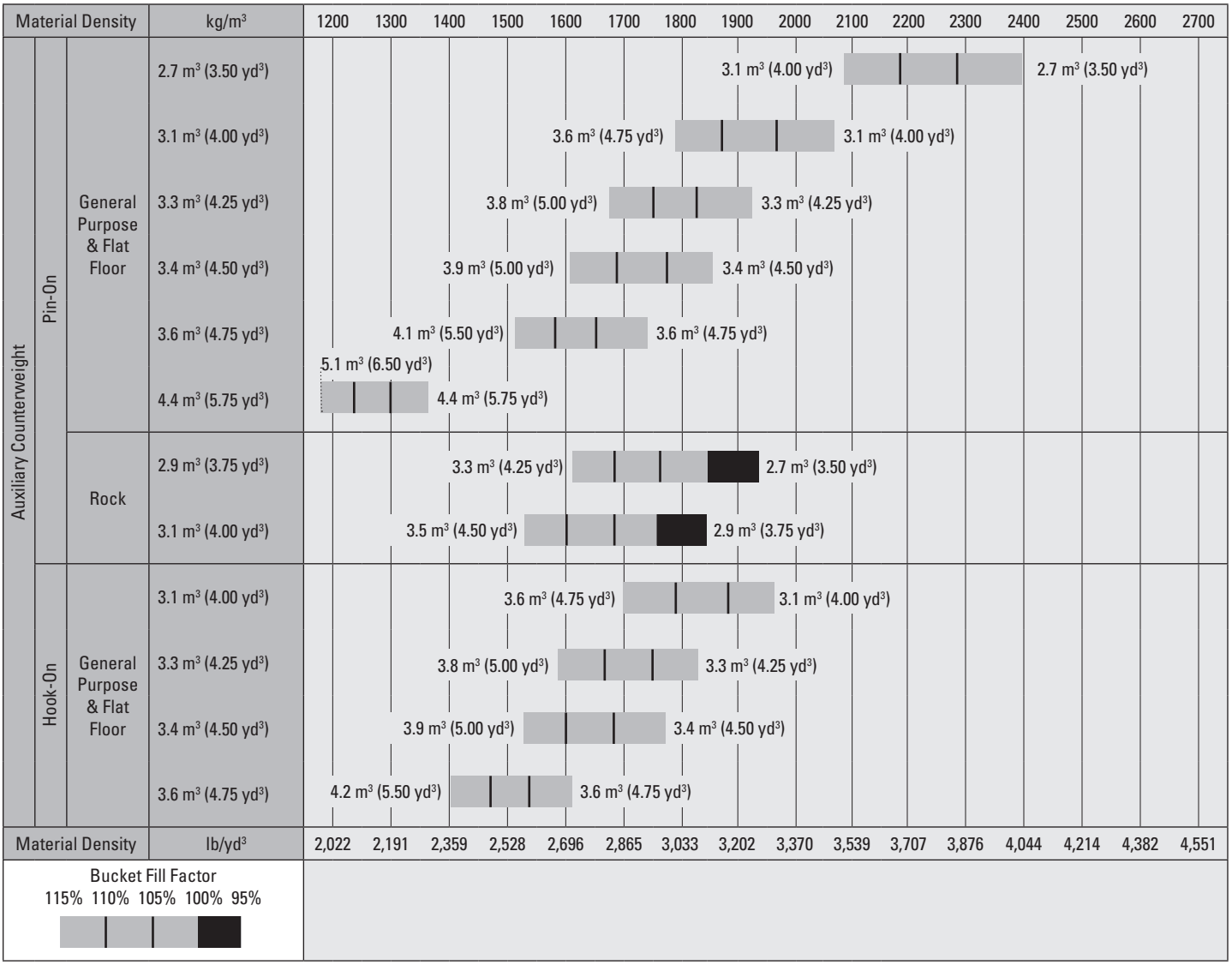

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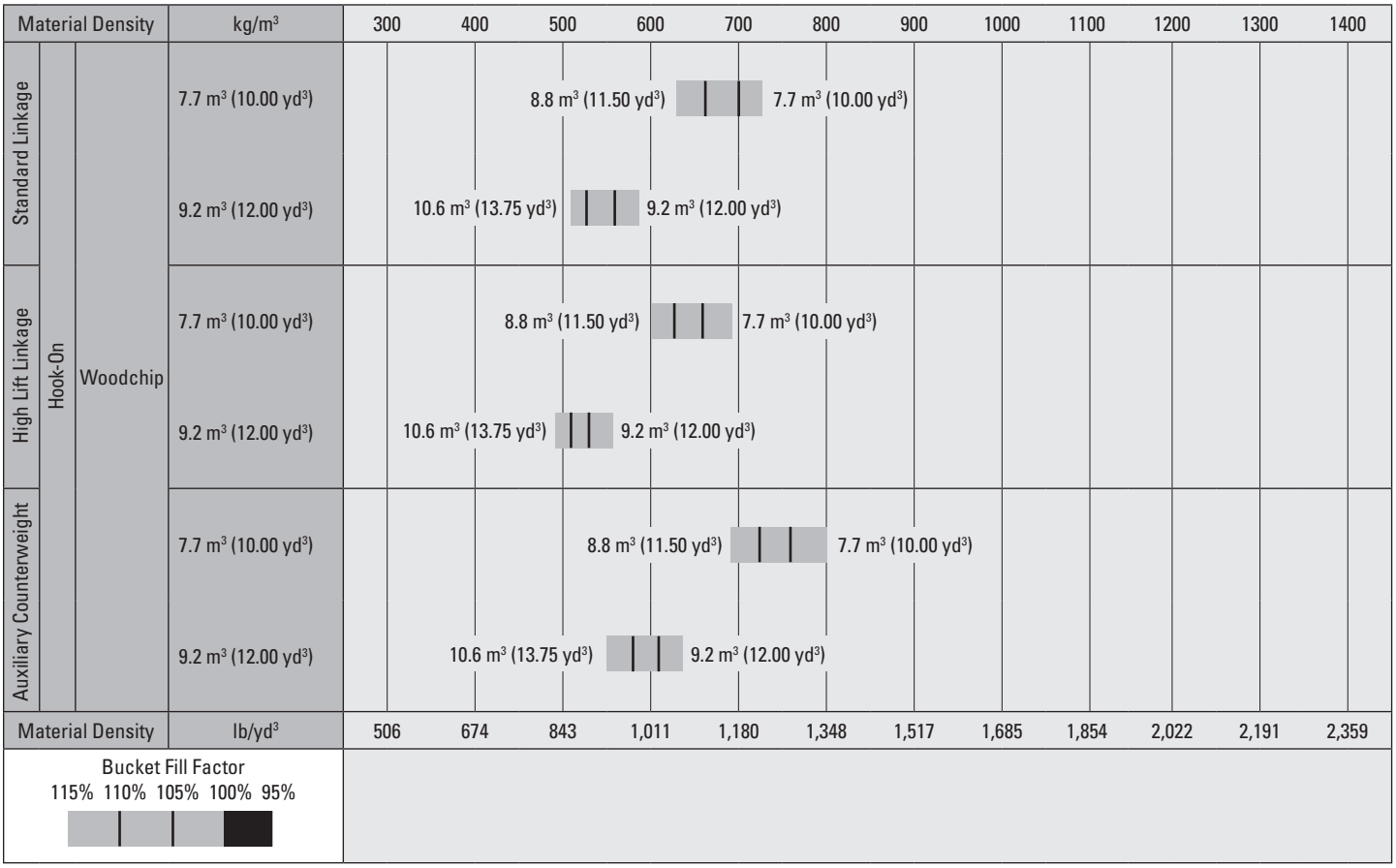


Note: All buckets are showing Bolt-On Edges.

Operating Specifications – Buckets

Linkage		Standard Linkage					
Bucket Type		General Purpose – Pin-On					
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	2.70	2.70	3.10	3.10	3.30	3.30
	yd^3	3.50	3.50	4.00	4.00	4.25	4.25
Capacity – Rated at 110% Fill Factor	m^3	3.00	3.00	3.40	3.40	3.60	3.60
	yd^3	4.00	4.00	4.50	4.50	4.75	4.75
Width	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2924	2809	2844	2726	2805	2687
	ft/in	9'7"	9'2"	9'3"	8'11"	9'2"	8'9"
17† Reach at Maximum Lift and 45° Discharge	mm	1269	1383	1325	1436	1355	1465
	ft/in	4'1"	4'6"	4'4"	4'8"	4'5"	4'9"
Reach at Level Lift Arm and Bucket Level	mm	2533	2694	2633	2794	2683	2844
	ft/in	8'3"	8'10"	8'7"	9'2"	8'9"	9'3"
A† Digging Depth	mm	101	101	101	101	101	101
	in	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8138	8313	8238	8413	8288	8463
	ft/in	26'9"	27'4"	27'1"	27'8"	27'3"	27'10"
B† Overall Height with Bucket at Maximum Lift	mm	5351	5351	5313	5313	5488	5488
	ft/in	17'7"	17'7"	17'6"	17'6"	18'1"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6652	6733	6679	6761	6693	6775
	ft/in	21'10"	22'2"	21'11"	22'3"	22'0"	22'3"
Static Tipping Load, Straight (With tire deflection)	kg	12 822	12 684	12 639	12 499	12 543	12 402
	lb	28,269	27,964	27,865	27,557	27,653	27,343
Static Tipping Load, Straight (No tire deflection)	kg	13 507	13 368	13 329	13 187	13 234	13 092
	lb	29,779	29,471	29,385	29,073	29,177	28,864
Static Tipping Load, Articulated (With tire deflection)	kg	11 109	10 970	10 935	10 795	10 844	10 704
	lb	24,491	24,186	24,109	23,800	23,908	23,598
Static Tipping Load, Articulated (No tire deflection)	kg	11 799	11 660	11 630	11 489	11 541	11 399
	lb	26,013	25,706	25,641	25,329	25,445	25,132
Breakout Force (§)	kN	166	164	152	150	145	144
	lbf	37,312	37,041	34,191	33,922	32,799	32,532
Operating Weight*	kg	17 988	18 096	18 077	18 185	18 122	18 230
	lb	39,656	39,894	39,852	40,090	39,951	40,189

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

Linkage			Standard Linkage			
Bucket Type			General Purpose – Pin On			
	Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
	Capacity – Rated	m^3	3.40	3.40	3.60	3.60
		yd^3	4.50	4.50	4.75	4.75
	Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	4.00	4.00
		yd^3	4.75	4.75	5.25	5.25
	Width	mm	2927	2994	2927	2994
		ft/in	9'7"	9'9"	9'7"	9'9"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	2779	2660	2733	2614
		ft/in	9'1"	8'8"	8'11"	8'6"
17†	Reach at Maximum Lift and 45° Discharge	mm	1377	1487	1413	1523
		ft/in	4'6"	4'10"	4'7"	4'11"
	Reach at Level Lift Arm and Bucket Level	mm	2718	2879	2778	2939
		ft/in	8'11"	9'5"	9'1"	9'7"
A†	Digging Depth	mm	101	101	101	101
		in	4"	4"	4"	4"
12†	Overall Length	mm	8323	8498	8383	8558
		ft/in	27'4"	27'11"	27'7"	28'1"
B†	Overall Height with Bucket at Maximum Lift	mm	5517	5517	5575	5575
		ft/in	18'2"	18'2"	18'4"	18'4"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6702	6785	6719	6802
		ft/in	22'0"	22'4"	22'1"	22'4"
	Static Tipping Load, Straight (With tire deflection)	kg	12 481	12 340	12 365	12 222
		lb	27,517	27,205	27,260	26,946
	Static Tipping Load, Straight (No tire deflection)	kg	13 174	13 031	13 060	12 916
		lb	29,044	28,730	28,792	28,475
	Static Tipping Load, Articulated (With tire deflection)	kg	10 786	10 644	10 675	10 533
		lb	23,779	23,467	23,536	23,222
	Static Tipping Load, Articulated (No tire deflection)	kg	11 484	11 341	11 376	11 232
		lb	25,319	25,004	25,080	24,764
	Breakout Force (§)	kN	141	140	135	134
		lbf	31,885	31,618	30,410	30,145
	Operating Weight*	kg	18 152	18 260	18 210	18 318
		lb	40,017	40,255	40,145	40,383

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage			
Bucket Type		**General Purpose – Hook-On – Fusion™**			
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	3.10	3.10	3.30	3.30
	yd^3	4.00	4.00	4.25	4.25
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.60	3.60
	yd^3	4.50	4.50	4.75	4.75
Width	mm	2927	2994	2958	2999
	ft/in	9'7"	9'9"	9'8"	9'10"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2802	2685	2763	2646
	ft/in	9'2"	8'9"	9'0"	8'8"
17† Reach at Maximum Lift and 45° Discharge	mm	1361	1473	1391	1497
	ft/in	4'5"	4'10"	4'6"	4'10"
Reach at Level Lift Arm and Bucket Level	mm	2688	2849	2738	2894
	ft/in	8'9"	9'4"	8'11"	9'5"
A† Digging Depth	mm	109	109	109	109
	in	4.3"	4.3"	4.3"	4.3"
12† Overall Length	mm	8300	8474	8350	8521
	ft/in	27'3"	27'10"	27'5"	28'0"
B† Overall Height with Bucket at Maximum Lift	mm	5456	5456	5507	5507
	ft/in	17'11"	17'11"	18'1"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6694	6776	6722	6792
	ft/in	22'0"	22'3"	22'1"	22'4"
Static Tipping Load, Straight (With tire deflection)	kg	12 027	11 888	11 843	11 733
	lb	26,516	26,209	26,110	25,866
Static Tipping Load, Straight (No tire deflection)	kg	12 704	12 563	12 521	12 410
	lb	28,007	27,697	27,605	27,359
Static Tipping Load, Articulated (With tire deflection)	kg	10 350	10 210	10 170	10 060
	lb	22,818	22,510	22,422	22,179
Static Tipping Load, Articulated (No tire deflection)	kg	11 032	10 891	10 855	10 743
	lb	24,322	24,012	23,931	23,685
Breakout Force (§)	kN	145	143	138	137
	lbf	32,606	32,336	31,154	30,928
Operating Weight*	kg	18 555	18 663	18 681	18 764
	lb	40,906	41,144	41,184	41,367

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard 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**
Capacity – Rated	m^3	3.40	3.40	3.60
	yd^3	4.50	4.50	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	4.00
	yd^3	4.75	4.75	5.25
Width	mm	2927	2994	2956
	ft/in	9'7"	9'9"	9'8"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2737	2618	2688
	ft/in	8'11"	8'7"	8'9"
17† Reach at Maximum Lift and 45° Discharge	mm	1413	1523	1453
	ft/in	4'7"	4'11"	4'9"
Reach at Level Lift Arm and Bucket Level	mm	2773	2934	2837
	ft/in	9'1"	9'7"	9'3"
A† Digging Depth	mm	109	109	109
	in	4.3"	4.3"	4.3"
12† Overall Length	mm	8385	8559	8449
	ft/in	27'7"	28'1"	27'9"
B† Overall Height with Bucket at Maximum Lift	mm	5536	5536	5613
	ft/in	18'2"	18'2"	18'5"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6718	6801	6754
	ft/in	22'1"	22'4"	22'2"
Static Tipping Load, Straight (With tire deflection)	kg	11 876	11 735	11 623
	lb	26,182	25,871	25,626
Static Tipping Load, Straight (No tire deflection)	kg	12 555	12 413	12 299
	lb	27,680	27,366	27,114
Static Tipping Load, Articulated (With tire deflection)	kg	10 206	10 065	9966
	lb	22,500	22,190	21,971
Static Tipping Load, Articulated (No tire deflection)	kg	10 891	10 749	10 647
	lb	24,012	23,698	23,474
Breakout Force (§)	kN	135	134	128
	lbf	30,474	30,206	28,881
Operating Weight*	kg	18 631	18 739	18 768
	lb	41,073	41,311	41,375

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage			Standard Linkage			
Bucket Type			Flat Floor – Pin-On			
	Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
	Capacity – Rated	m^3	3.20	3.20	3.40	3.40
		yd^3	4.25	4.25	4.50	4.50
	Capacity – Rated at 110% Fill Factor	m^3	3.50	3.50	3.70	3.70
		yd^3	4.50	4.50	4.75	4.75
	Width	mm	2927	2994	2927	2994
		ft/in	9'7"	9'9"	9'7"	9'9"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	2744	2619	2709	2584
		ft/in	9'0"	8'7"	8'10"	8'5"
17†	Reach at Maximum Lift and 45° Discharge	mm	1261	1364	1297	1399
		ft/in	4'1"	4'5"	4'3"	4'7"
	Reach at Level Lift Arm and Bucket Level	mm	2678	2839	2728	2889
		ft/in	8'9"	9'3"	8'11"	9'5"
A†	Digging Depth	mm	109	109	109	109
		in	4.3"	4.3"	4.3"	4.3"
12†	Overall Length	mm	8290	8464	8340	8514
		ft/in	27'3"	27'10"	27'5"	28'0"
B†	Overall Height with Bucket at Maximum Lift	mm	5478	5478	5527	5527
		ft/in	18'0"	18'0"	18'2"	18'2"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6695	6777	6709	6791
		ft/in	22'0"	22'3"	22'1"	22'4"
	Static Tipping Load, Straight (With tire deflection)	kg	12 430	12 291	12 339	12 198
		lb	27,404	27,097	27,203	26,893
	Static Tipping Load, Straight (No tire deflection)	kg	13 106	12 965	13 017	12 875
		lb	28,894	28,583	28,697	28,385
	Static Tipping Load, Articulated (With tire deflection)	kg	10 748	10 608	10 661	10 521
		lb	23,696	23,388	23,504	23,194
	Static Tipping Load, Articulated (No tire deflection)	kg	11 430	11 289	11 345	11 203
		lb	25,199	24,888	25,012	24,700
	Breakout Force (§)	kN	146	145	140	139
		lbf	32,907	32,638	31,602	31,333
	Operating Weight*	kg	18 109	18 217	18 157	18 265
		lb	39,922	40,161	40,028	40,266

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage				
Bucket Type		Flat Floor – Pin-On		Flat Floor – Pin-On – Light Material	Flat Floor – Hook-On – Fusion	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	3.80	3.80	4.40	3.80	3.80
	yd^3	5.00	5.00	5.75	5.00	5.00
Capacity – Rated at 110% Fill Factor	m^3	4.20	4.20	4.80	4.20	4.20
	yd^3	5.50	5.50	6.25	5.50	5.50
Width	mm	2927	2994	3059	2927	2994
	ft/in	9'7"	9'9"	10'0"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2631	2505	2575	2596	2470
	ft/in	8'7"	8'2"	8'5"	8'6"	8'1"
17† Reach at Maximum Lift and 45° Discharge	mm	1375	1478	1419	1410	1512
	ft/in	4'6"	4'10"	4'7"	4'7"	4'11"
Reach at Level Lift Arm and Bucket Level	mm	2839	3000	2909	2888	3049
	ft/in	9'3"	9'10"	9'6"	9'5"	10'0"
A† Digging Depth	mm	109	109	117	109	109
	in	4.3"	4.3"	4.6"	4.3"	4.3"
12† Overall Length	mm	8451	8625	8527	8500	8674
	ft/in	27'9"	28'4"	28'0"	27'11"	28'6"
B† Overall Height with Bucket at Maximum Lift	mm	5626	5626	5704	5656	5656
	ft/in	18'6"	18'6"	18'9"	18'7"	18'7"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6740	6823	6822	6751	6835
	ft/in	22'2"	22'5"	22'5"	22'2"	22'6"
Static Tipping Load, Straight (With tire deflection)	kg	12 144	12 001	11 880	11 620	11 478
	lb	26,773	26,459	26,191	25,618	25,305
Static Tipping Load, Straight (No tire deflection)	kg	12 827	12 683	12 565	12 296	12 153
	lb	28,279	27,963	27,701	27,108	26,793
Static Tipping Load, Articulated (With tire deflection)	kg	10 475	10 333	10 222	9969	9828
	lb	23,095	22,781	22,535	21,979	21,667
Static Tipping Load, Articulated (No tire deflection)	kg	11 165	11 021	10 913	10 652	10 509
	lb	24,615	24,298	24,059	23,484	23,168
Breakout Force (§)	kN	129	127	121	124	123
	lbf	29,009	28,742	27,368	27,942	27,676
Operating Weight*	kg	18 259	18 367	18 415	18 723	18 831
	lb	40,253	40,491	40,597	41,276	41,514

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage			
Bucket Type		**Multi-Purpose – Pin-On**		**Multi-Purpose – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	2.80	2.80	2.90	2.90
	yd^3	3.50	3.50	3.75	3.75
Capacity – Rated at 110% Fill Factor	m^3	3.00	3.00	3.20	3.20
	yd^3	4.00	4.00	4.25	4.25
Width	mm	2942	2999	3007	3000
	ft/in	9'7"	9'10"	9'10"	9'10"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2944	2836	2936	2827
	ft/in	9'7"	9'3"	9'7"	9'3"
17† Reach at Maximum Lift and 45° Discharge	mm	1318	1434	1408	1527
	ft/in	4'3"	4'8"	4'7"	5'0"
Reach at Level Lift Arm and Bucket Level	mm	2538	2695	2615	2776
	ft/in	8'3"	8'10"	8'6"	9'1"
A† Digging Depth	mm	137	137	89	89
	in	5.3"	5.3"	3.5"	3.5"
12† Overall Length	mm	8172	8343	8212	8388
	ft/in	26'10"	27'5"	27'0"	27'7"
B† Overall Height with Bucket at Maximum Lift	mm	5268	5268	5354	5354
	ft/in	17'4"	17'4"	17'7"	17'7"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6675	6751	6702	6751
	ft/in	21'11"	22'2"	22'0"	22'2"
Static Tipping Load, Straight (With tire deflection)	kg	12 174	12 022	11 757	11 626
	lb	26,840	26,504	25,919	25,632
Static Tipping Load, Straight (No tire deflection)	kg	12 845	12 691	12 451	12 319
	lb	28,318	27,979	27,450	27,159
Static Tipping Load, Articulated (With tire deflection)	kg	10 481	10 329	10 067	9937
	lb	23,108	22,772	22,194	21,907
Static Tipping Load, Articulated (No tire deflection)	kg	11 158	11 004	10 766	10 635
	lb	24,599	24,260	23,737	23,446
Breakout Force (§)	kN	163	161	152	150
	lbf	36,642	36,325	34,181	33,913
Operating Weight*	kg	18 478	18 596	18 948	19 048
	lb	40,736	40,996	41,773	41,992

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage	
Bucket Type		**High Dump – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	4.30	6.10
	yd^3	5.50	8.00
Capacity – Rated at 110% Fill Factor	m^3	4.70	6.70
	yd^3	6.25	8.75
Width	mm	3029	2910
	ft/in	9'11"	9'6"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2406	2299
	ft/in	7'10"	7'6"
17† Reach at Maximum Lift and 45° Discharge	mm	1513	1613
	ft/in	4'11"	5'3"
Reach at Level Lift Arm and Bucket Level	mm	3095	3241
	ft/in	10'1"	10'7"
A† Digging Depth	mm	171	176
	in	6.7"	6.9"
12† Overall Length	mm	8754	8904
	ft/in	28'9"	29'3"
B† Overall Height with Bucket at Maximum Lift	mm	5663	6035
	ft/in	18'7"	19'10"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6882	6875
	ft/in	22'7"	22'7"
Static Tipping Load, Straight (With tire deflection)	kg	10 539	10 308
	lb	23,236	22,726
Static Tipping Load, Straight (No tire deflection)	kg	11 182	11 011
	lb	24,652	24,276
Static Tipping Load, Articulated (With tire deflection)	kg	8946	8689
	lb	19,723	19,156
Static Tipping Load, Articulated (No tire deflection)	kg	9596	9396
	lb	21,156	20,715
Breakout Force (§)	kN	105	95
	lbf	23,812	21,377
Operating Weight*	kg	19 298	19 658
	lb	42,544	43,337

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage
Bucket Type		**Woodchip – Hook-On – Fusion**
Edge Type		**Bolt-On Cutting Edges**
Capacity – Rated	m^3	7.70
	yd^3	10.00
Capacity – Rated at 110% Fill Factor	m^3	8.40
	yd^3	11.00
Width	mm	3330
	ft/in	10'11"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2424
	ft/in	7'11"
17† Reach at Maximum Lift and 45° Discharge	mm	1589
	ft/in	5'2"
Reach at Level Lift Arm and Bucket Level	mm	3136
	ft/in	10'3"
A† Digging Depth	mm	104
	in	4.1"
12† Overall Length	mm	8745
	ft/in	28'9"
B† Overall Height with Bucket at Maximum Lift	mm	6107
	ft/in	20'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7003
	ft/in	23'0"
Static Tipping Load, Straight (With tire deflection)	kg	12 137
	lb	26,758
Static Tipping Load, Straight (No tire deflection)	kg	12 956
	lb	28,564
Static Tipping Load, Articulated (With tire deflection)	kg	10 391
	lb	22,910
Static Tipping Load, Articulated (No tire deflection)	kg	11 212
	lb	24,718
Breakout Force (§)	kN	105
	lbf	23,623
Operating Weight*	kg	18 851
	lb	41,558

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage	
Bucket Type		**Rock, Spade – Pin-On*** **	
Edge Type		**Teeth and Segments**	**Teeth and Segments**
Capacity – Rated	m^3	2.90	3.10
	yd^3	3.75	4.00
Capacity – Rated at 110% Fill Factor	m^3	3.20	3.40
	yd^3	4.25	4.50
Width	mm	2994	2992
	ft/in	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2680	2634
	ft/in	8'9"	8'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1579	1601
	ft/in	5'2"	5'3"
Reach at Level Lift Arm and Bucket Level	mm	2960	3010
	ft/in	9'8"	9'10"
A† Digging Depth	mm	51	42
	in	2"	1.6"
12† Overall Length	mm	8565	8615
	ft/in	28'2"	28'4"
B† Overall Height with Bucket at Maximum Lift	mm	5418	5501
	ft/in	17'10"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6817	6831
	ft/in	22'5"	22'5"
Static Tipping Load, Straight (With tire deflection)	kg	12 659	12 851
	lb	27,909	28,332
Static Tipping Load, Straight (No tire deflection)	kg	13 394	13 588
	lb	29,529	29,956
Static Tipping Load, Articulated (With tire deflection)	kg	10 876	11 073
	lb	23,977	24,413
Static Tipping Load, Articulated (No tire deflection)	kg	11 615	11 815
	lb	25,608	26,049
Breakout Force (§)	kN	135	130
	lbf	30,415	29,413
Operating Weight*	kg	19 305	19 055
	lb	42,559	42,008

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage	
Bucket Type		**Side Dump – Pin-On – Abrasion**	
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	2.50	2.50
	yd^3	3.25	3.25
Capacity – Rated at 110% Fill Factor	m^3	2.80	2.80
	yd^3	3.75	3.75
Width	mm	3065	3166
	ft/in	10'0"	10'4"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2666	2508
	ft/in	8'8"	8'2"
17† Reach at Maximum Lift and 45° Discharge	mm	1344	1447
	ft/in	4'4"	4'8"
Reach at Level Lift Arm and Bucket Level	mm	2791	2975
	ft/in	9'1"	9'9"
A† Digging Depth	mm	106	106
	in	4.2"	4.2"
12† Overall Length	mm	8401	8616
	ft/in	27'7"	28'4"
B† Overall Height with Bucket at Maximum Lift	mm	5723	5723
	ft/in	18'10"	18'10"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6788	6900
	ft/in	22'4"	22'8"
Static Tipping Load, Straight (With tire deflection)	kg	10 489	10 264
	lb	23,126	22,628
Static Tipping Load, Straight (No tire deflection)	kg	11 149	10 921
	lb	24,581	24,077
Static Tipping Load, Articulated (With tire deflection)	kg	8884	8659
	lb	19,588	19,090
Static Tipping Load, Articulated (No tire deflection)	kg	9551	9322
	lb	21,057	20,553
Breakout Force (§)	kN	128	126
	lbf	28,819	28,391
Operating Weight*	kg	19 459	19 636
	lb	42,899	43,289

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

Linkage			High Lift Linkage					
Bucket Type			General Purpose – Pin-On					
Edge Type			Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
	Capacity – Rated	m^3	2.70	2.70	3.10	3.10	3.30	3.30
		yd^3	3.50	3.50	4.00	4.00	4.25	4.25
	Capacity – Rated at 110% Fill Factor	m^3	3.00	3.00	3.40	3.40	3.60	3.60
		yd^3	4.00	4.00	4.50	4.50	4.75	4.75
	Width	mm	2927	2994	2927	2994	2927	2994
		ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	3419	3304	3339	3222	3300	3182
		ft/in	11'2"	10'10"	10'11"	10'6"	10'9"	10'5"
17†	Reach at Maximum Lift and 45° Discharge	mm	1337	1451	1393	1504	1422	1533
		ft/in	4'4"	4'9"	4'6"	4'11"	4'8"	5'0"
	Reach at Level Lift Arm and Bucket Level	mm	2939	3100	3039	3200	3089	3250
		ft/in	9'7"	10'2"	9'11"	10'5"	10'1"	10'7"
A†	Digging Depth	mm	123	123	123	123	123	123
		in	4.8"	4.8"	4.8"	4.8"	4.8"	4.8"
12†	Overall Length	mm	8650	8822	8750	8922	8800	8972
		ft/in	28'5"	29'0"	28'9"	29'4"	28'11"	29'6"
B†	Overall Height with Bucket at Maximum Lift	mm	5846	5846	5809	5809	5983	5983
		ft/in	19'3"	19'3"	19'1"	19'1"	19'8"	19'8"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6847	6788	6874	6820	6888	6837
		ft/in	22'6"	22'4"	22'7"	22'5"	22'8"	22'6"
	Static Tipping Load, Straight (With tire deflection)	kg	11 982	11 848	11 863	11 728	11 802	11 666
		lb	26,415	26,120	26,155	25,857	26,019	25,720
	Static Tipping Load, Straight (No tire deflection)	kg	12 582	12 448	12 474	12 338	12 417	12 281
		lb	27,740	27,445	27,501	27,202	27,376	27,076
	Static Tipping Load, Articulated (With tire deflection)	kg	10 273	10 139	10 156	10 021	10 096	9960
		lb	22,649	22,353	22,392	22,093	22,258	21,958
	Static Tipping Load, Articulated (No tire deflection)	kg	10 892	10 758	10 785	10 650	10 730	10 594
		lb	24,013	23,718	23,777	23,479	23,655	23,355
	Breakout Force (§)	kN	156	155	143	142	137	136
		lbf	35,191	34,903	32,235	31,950	30,917	30,634
	Operating Weight*	kg	19 075	19 183	19 164	19 272	19 209	19 317
		lb	42,052	42,290	42,248	42,486	42,347	42,585

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage			High Lift Linkage			
Bucket Type			General Purpose – Pin-On			
	Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
	Capacity – Rated	m^3	3.40	3.40	3.60	3.60
		yd^3	4.50	4.50	4.75	4.75
	Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	4.00	4.00
		yd^3	4.75	4.75	5.25	5.25
	Width	mm	2927	2994	2927	2994
		ft/in	9'7"	9'9"	9'7"	9'9"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	3274	3156	3228	3109
		ft/in	10'8"	10'4"	10'7"	10'2"
17†	Reach at Maximum Lift and 45° Discharge	mm	1445	1555	1481	1591
		ft/in	4'8"	5'1"	4'10"	5'2"
	Reach at Level Lift Arm and Bucket Level	mm	3124	3285	3184	3345
		ft/in	10'2"	10'9"	10'5"	10'11"
A†	Digging Depth	mm	123	123	123	123
		in	4.8"	4.8"	4.8"	4.8"
12†	Overall Length	mm	8835	9007	8895	9067
		ft/in	29'0"	29'7"	29'3"	29'9"
B†	Overall Height with Bucket at Maximum Lift	mm	6012	6012	6071	6071
		ft/in	19'9"	19'9"	19'11"	19'11"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6897	6848	6914	6869
		ft/in	22'8"	22'6"	22'9"	22'7"
	Static Tipping Load, Straight (With tire deflection)	kg	11 762	11 625	11 684	11 547
		lb	25,931	25,630	25,760	25,457
	Static Tipping Load, Straight (No tire deflection)	kg	12 381	12 244	12 309	12 171
		lb	27,295	26,994	27,136	26,834
	Static Tipping Load, Articulated (With tire deflection)	kg	10 056	9919	9980	9842
		lb	22,170	21,869	22,002	21,699
	Static Tipping Load, Articulated (No tire deflection)	kg	10 693	10 557	10 623	10 485
		lb	23,575	23,274	23,419	23,116
	Breakout Force (§)	kN	133	132	127	126
		lbf	30,050	29,768	28,652	28,373
	Operating Weight*	kg	19 239	19 347	19 297	19 405
		lb	42,413	42,651	42,541	42,779

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage			
Bucket Type		General Purpose – Hook-On – Fusion			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	3.10	3.10	3.30	3.30
	yd^3	4.00	4.00	4.25	4.25
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.60	3.60
	yd^3	4.50	4.50	4.75	4.75
Width	mm	2927	2994	2958	2999
	ft/in	9'7"	9'9"	9'8"	9'10"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3297	3180	3258	3141
	ft/in	10'9"	10'5"	10'8"	10'3"
17† Reach at Maximum Lift and 45° Discharge	mm	1429	1541	1459	1565
	ft/in	4'8"	5'0"	4'9"	5'1"
Reach at Level Lift Arm and Bucket Level	mm	3094	3255	3144	3300
	ft/in	10'1"	10'8"	10'3"	10'9"
A† Digging Depth	mm	131	131	131	131
	in	5.1"	5.1"	5.1"	5.1"
12† Overall Length	mm	8811	8982	8861	9029
	ft/in	28'11"	29'6"	29'1"	29'8"
B† Overall Height with Bucket at Maximum Lift	mm	5951	5951	6002	6002
	ft/in	19'7"	19'7"	19'9"	19'9"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6890	6972	6918	6988
	ft/in	22'8"	22'11"	22'9"	23'0"
Static Tipping Load, Straight (With tire deflection)	kg	11 293	11 158	11 144	11 038
	lb	24,898	24,600	24,570	24,335
Static Tipping Load, Straight (No tire deflection)	kg	11 900	11 765	11 757	11 650
	lb	26,235	25,937	25,920	25,685
Static Tipping Load, Articulated (With tire deflection)	kg	9604	9469	9456	9349
	lb	21,174	20,875	20,847	20,612
Static Tipping Load, Articulated (No tire deflection)	kg	10 229	10 094	10 087	9980
	lb	22,551	22,254	22,238	22,003
Breakout Force (§)	kN	136	135	130	129
	lbf	30,722	30,438	29,339	29,098
Operating Weight*	kg	19 642	19 750	19 768	19 851
	lb	43,302	43,540	43,580	43,763

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage		
Bucket Type		**General Purpose – Hook-On – Fusion**		**General Purpose – Hook-On – Fusion – Abrasion**
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	3.40	3.40	3.60
	yd^3	4.50	4.50	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	4.00
	yd^3	4.75	4.75	5.25
Width	mm	2927	2994	2956
	ft/in	9'7"	9'9"	9'8"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3232	3114	3183
	ft/in	10'7"	10'2"	10'5"
17† Reach at Maximum Lift and 45° Discharge	mm	1481	1591	1521
	ft/in	4'10"	5'2"	4'11"
Reach at Level Lift Arm and Bucket Level	mm	3179	3340	3243
	ft/in	10'5"	10'11"	10'7"
A† Digging Depth	mm	131	131	130
	in	5.1"	5.1"	5.1"
12† Overall Length	mm	8896	9067	8960
	ft/in	29'3"	29'9"	29'5"
B† Overall Height with Bucket at Maximum Lift	mm	6031	6031	6108
	ft/in	19'10"	19'10"	20'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6914	6996	6950
	ft/in	22'9"	23'0"	22'10"
Static Tipping Load, Straight (With tire deflection)	kg	11 193	11 057	10 985
	lb	24,677	24,376	24,218
Static Tipping Load, Straight (No tire deflection)	kg	11 808	11 671	11 601
	lb	26,032	25,731	25,576
Static Tipping Load, Articulated (With tire deflection)	kg	9505	9368	9304
	lb	20,955	20,655	20,512
Static Tipping Load, Articulated (No tire deflection)	kg	10 138	10 002	9938
	lb	22,351	22,050	21,911
Breakout Force (§)	kN	127	126	121
	lbf	28,703	28,422	27,219
Operating Weight*	kg	19 718	19 826	19 855
	lb	43,469	43,707	43,771

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

Linkage			High Lift Linkage			
Bucket Type			**Flat Floor – Pin-On**			
	Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Teeth and Segments**
	Capacity – Rated	m^3	3.20	3.20	3.40	3.40
		yd^3	4.25	4.25	4.50	4.50
	Capacity – Rated at 110% Fill Factor	m^3	3.50	3.50	3.70	3.70
		yd^3	4.50	4.50	4.75	4.75
	Width	mm	2927	2994	2927	2994
		ft/in	9'7"	9'9"	9'7"	9'9"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	3240	3114	3204	3079
		ft/in	10'7"	10'2"	10'6"	10'1"
17†	Reach at Maximum Lift and 45° Discharge	mm	1329	1431	1365	1467
		ft/in	4'4"	4'8"	4'5"	4'9"
	Reach at Level Lift Arm and Bucket Level	mm	3084	3245	3134	3295
		ft/in	10'1"	10'7"	10'3"	10'9"
A†	Digging Depth	mm	131	131	131	131
		in	5.1"	5.1"	5.1"	5.1"
12†	Overall Length	mm	8801	8972	8851	9022
		ft/in	28'11"	29'6"	29'1"	29'8"
B†	Overall Height with Bucket at Maximum Lift	mm	5974	5974	6023	6023
		ft/in	19'8"	19'8"	19'10"	19'10"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6753	6834	6770	6851
		ft/in	22'2"	22'6"	22'3"	22'6"
	Static Tipping Load, Straight (With tire deflection)	kg	11 701	11 566	11 641	11 506
		lb	25,798	25,500	25,665	25,366
	Static Tipping Load, Straight (No tire deflection)	kg	12 305	12 170	12 250	12 114
		lb	27,128	26,830	27,006	26,707
	Static Tipping Load, Articulated (With tire deflection)	kg	10 011	9876	9952	9816
		lb	22,071	21,773	21,940	21,640
	Static Tipping Load, Articulated (No tire deflection)	kg	10 633	10 498	10 578	10 443
		lb	23,442	23,144	23,322	23,023
	Breakout Force (§)	kN	137	136	132	131
		lbf	31,010	30,726	29,773	29,491
	Operating Weight*	kg	19 196	19 304	19 244	19 352
		lb	42,318	42,557	42,424	42,662

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage				High Lift Linkage		
Bucket Type		**Flat Floor – Pin-On**		**Flat Floor – Pin-On – Light Material**	**Flat Floor – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	3.80	3.80	4.40	3.80	3.80
	yd^3	5.00	5.00	5.75	5.00	5.00
Capacity – Rated at 110% Fill Factor	m^3	4.20	4.20	4.80	4.20	4.20
	yd^3	5.50	5.50	6.25	5.50	5.50
Width	mm	2927	2994	3059	2927	2994
	ft/in	9'7"	9'9"	10'0"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3126	3000	3071	3091	2966
	ft/in	10'3"	9'10"	10'0"	10'1"	9'8"
17† Reach at Maximum Lift and 45° Discharge	mm	1443	1545	1487	1478	1580
	ft/in	4'8"	5'0"	4'10"	4'10"	5'2"
Reach at Level Lift Arm and Bucket Level	mm	3245	3406	3315	3294	3455
	ft/in	10'7"	11'2"	10'10"	10'9"	11'4"
A† Digging Depth	mm	131	131	139	131	131
	in	5.1"	5.1"	5.4"	5.1"	5.1"
12† Overall Length	mm	8962	9133	9037	9011	9182
	ft/in	29'5"	30'0"	29'8"	29'7"	30'2"
B† Overall Height with Bucket at Maximum Lift	mm	6121	6121	6200	6151	6151
	ft/in	20'1"	20'1"	20'5"	20'3"	20'3"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6806	6888	6887	6947	7030
	ft/in	22'4"	22'8"	22'8"	22'10"	23'1"
Static Tipping Load, Straight (With tire deflection)	kg	11 515	11 378	11 310	11 014	10 877
	lb	25,387	25,084	24,935	24,283	23,981
Static Tipping Load, Straight (No tire deflection)	kg	12 135	11 997	11 938	11 634	11 497
	lb	26,753	26,450	26,318	25,649	25,346
Static Tipping Load, Articulated (With tire deflection)	kg	9826	9688	9624	9336	9199
	lb	21,663	21,360	21,217	20,583	20,281
Static Tipping Load, Articulated (No tire deflection)	kg	10 464	10 327	10 270	9974	9837
	lb	23,070	22,767	22,642	21,990	21,688
Breakout Force (§)	kN	121	120	114	117	115
	lbf	27,316	27,037	25,745	26,303	26,025
Operating Weight*	kg	19 346	19 454	19 502	19 810	19 918
	lb	42,649	42,887	42,993	43,672	43,910

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

Linkage			High Lift Linkage			
Bucket Type			**Multi-Purpose – Pin-On**		**Multi-Purpose – Hook-On – Fusion**	
Edge Type			**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Teeth and Segments**
	Capacity – Rated	m^3	2.80	2.80	2.90	2.90
		yd^3	3.50	3.50	3.75	3.75
	Capacity – Rated at 110% Fill Factor	m^3	3.00	3.00	3.20	3.20
		yd^3	4.00	4.00	4.25	4.25
	Width	mm	2942	2999	3007	3000
		ft/in	9'7"	9'10"	9'10"	9'10"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	3439	3332	3432	3322
		ft/in	11'3"	10'11"	11'3"	10'10"
17†	Reach at Maximum Lift and 45° Discharge	mm	1385	1501	1475	1595
		ft/in	4'6"	4'11"	4'10"	5'2"
	Reach at Level Lift Arm and Bucket Level	mm	2944	3101	3021	3182
		ft/in	9'7"	10'2"	9'10"	10'5"
A†	Digging Depth	mm	158	158	111	111
		in	6.2"	6.2"	4.3"	4.3"
12†	Overall Length	mm	8678	8847	8725	8899
		ft/in	28'6"	29'1"	28'8"	29'3"
B†	Overall Height with Bucket at Maximum Lift	mm	5764	5764	5849	5849
		ft/in	18'11"	18'11"	19'3"	19'3"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6713	6946	6897	6947
		ft/in	22'1"	22'10"	22'8"	22'10"
	Static Tipping Load, Straight (With tire deflection)	kg	11 367	11 219	11 025	10 899
		lb	25,060	24,734	24,307	24,029
	Static Tipping Load, Straight (No tire deflection)	kg	11 962	11 814	11 650	11 524
		lb	26,371	26,045	25,685	25,406
	Static Tipping Load, Articulated (With tire deflection)	kg	9673	9525	9320	9194
		lb	21,327	21,001	20,549	20,270
	Static Tipping Load, Articulated (No tire deflection)	kg	10 287	10 139	9963	9837
		lb	22,679	22,353	21,966	21,687
	Breakout Force (§)	kN	153	152	143	142
		lbf	34,496	34,167	32,212	31,923
	Operating Weight*	kg	19 564	19 683	20 035	20 134
		lb	43,132	43,392	44,169	44,388

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage	
Bucket Type		**High Dump – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	4.30	6.10
	yd^3	5.50	8.00
Capacity – Rated at 110% Fill Factor	m^3	4.70	6.70
	yd^3	6.25	8.75
Width	mm	3029	2910
	ft/in	9'11"	9'6"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2901	2794
	ft/in	9'6"	9'2"
17† Reach at Maximum Lift and 45° Discharge	mm	1581	1681
	ft/in	5'2"	5'6"
Reach at Level Lift Arm and Bucket Level	mm	3501	3647
	ft/in	11'5"	11'11"
A† Digging Depth	mm	192	197
	in	7.5"	7.7"
12† Overall Length	mm	9256	9406
	ft/in	30'5"	30'11"
B† Overall Height with Bucket at Maximum Lift	mm	6159	6530
	ft/in	20'3"	21'6"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7077	7071
	ft/in	23'3"	23'3"
Static Tipping Load, Straight (With tire deflection)	kg	10 069	9987
	lb	22,198	22,017
Static Tipping Load, Straight (No tire deflection)	kg	10 677	10 670
	lb	23,540	23,524
Static Tipping Load, Articulated (With tire deflection)	kg	8429	8293
	lb	18,583	18,284
Static Tipping Load, Articulated (No tire deflection)	kg	9057	8994
	lb	19,967	19,830
Breakout Force (§)	kN	99	89
	lbf	22,339	20,017
Operating Weight*	kg	20 385	20 745
	lb	44,940	45,733

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage
Bucket Type		**Woodchip – Hook-On – Fusion**
Edge Type		**Bolt-On Cutting Edges**
Capacity – Rated	m^3	7.70
	yd^3	10.00
Capacity – Rated at 110% Fill Factor	m^3	8.40
	yd^3	11.00
Width	mm	3330
	ft/in	10'11"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2919
	ft/in	9'6"
17† Reach at Maximum Lift and 45° Discharge	mm	1657
	ft/in	5'5"
Reach at Level Lift Arm and Bucket Level	mm	3542
	ft/in	11'7"
A† Digging Depth	mm	126
	in	4.9"
12† Overall Length	mm	9256
	ft/in	30'5"
B† Overall Height with Bucket at Maximum Lift	mm	6602
	ft/in	21'8"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7193
	ft/in	23'8"
Static Tipping Load, Straight (With tire deflection)	kg	11 676
	lb	25,742
Static Tipping Load, Straight (No tire deflection)	kg	12 436
	lb	27,417
Static Tipping Load, Articulated (With tire deflection)	kg	9876
	lb	21,774
Static Tipping Load, Articulated (No tire deflection)	kg	10 652
	lb	23,483
Breakout Force (§)	kN	98
	lbf	22,215
Operating Weight*	kg	19 937
	lb	43,954

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage	
Bucket Type		**Rock, Spade – Pin-On*** **	
Edge Type		**Teeth and Segments**	**Teeth and Segments**
Capacity – Rated	m^3	2.90	3.10
	yd^3	3.75	4.00
Capacity – Rated at 110% Fill Factor	m^3	3.20	3.40
	yd^3	4.25	4.50
Width	mm	2994	2992
	ft/in	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3175	3129
	ft/in	10'5"	10'3"
17† Reach at Maximum Lift and 45° Discharge	mm	1647	1669
	ft/in	5'4"	5'5"
Reach at Level Lift Arm and Bucket Level	mm	3366	3416
	ft/in	11'0"	11'2"
A† Digging Depth	mm	73	20
	in	2.8"	0.8"
12† Overall Length	mm	9084	9134
	ft/in	29'10"	30'0"
B† Overall Height with Bucket at Maximum Lift	mm	5913	5997
	ft/in	19'5"	19'9"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7013	7027
	ft/in	23'1"	23'1"
Static Tipping Load, Straight (With tire deflection)	kg	11 789	12 020
	lb	25,991	26,501
Static Tipping Load, Straight (No tire deflection)	kg	12 436	12 670
	lb	27,418	27,934
Static Tipping Load, Articulated (With tire deflection)	kg	10 013	10 247
	lb	22,076	22,592
Static Tipping Load, Articulated (No tire deflection)	kg	10 680	10 917
	lb	23,545	24,067
Breakout Force (§)	kN	127	123
	lbf	28,696	27,753
Operating Weight*	kg	20 392	20 142
	lb	44,955	44,404

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage	
Bucket Type		**Side Dump – Pin-On – Abrasion**	
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	2.50	2.50
	yd^3	3.25	3.25
Capacity – Rated at 110% Fill Factor	m^3	2.80	2.80
	yd^3	3.75	3.75
Width	mm	3065	3166
	ft/in	10'0"	10'4"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3161	3004
	ft/in	10'4"	9'10"
17† Reach at Maximum Lift and 45° Discharge	mm	1412	1514
	ft/in	4'7"	4'11"
Reach at Level Lift Arm and Bucket Level	mm	3197	3381
	ft/in	10'5"	11'1"
A† Digging Depth	mm	128	128
	in	5"	5"
12† Overall Length	mm	8913	9121
	ft/in	29'3"	30'0"
B† Overall Height with Bucket at Maximum Lift	mm	6219	6219
	ft/in	20'5"	20'5"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6981	6936
	ft/in	22'11"	22'10"
Static Tipping Load, Straight (With tire deflection)	kg	10 028	9805
	lb	22,107	21,617
Static Tipping Load, Straight (No tire deflection)	kg	10 654	10 430
	lb	23,488	22,996
Static Tipping Load, Articulated (With tire deflection)	kg	8373	8150
	lb	18,460	17,969
Static Tipping Load, Articulated (No tire deflection)	kg	9018	8795
	lb	19,882	19,389
Breakout Force (§)	kN	120	118
	lbf	27,151	26,677
Operating Weight*	kg	20 546	20 723
	lb	45,295	45,685

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight					
Bucket Type		**General Purpose – Pin-On**					
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	3.10	3.10	3.30	3.30	3.40	3.40
	yd^3	4.00	4.00	4.25	4.25	4.50	4.50
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.60	3.60	3.70	3.70
	yd^3	4.50	4.50	4.75	4.75	4.75	4.75
Width	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2844	2726	2805	2687	2779	2660
	ft/in	9'3"	8'11"	9'2"	8'9"	9'1"	8'8"
17† Reach at Maximum Lift and 45° Discharge	mm	1325	1436	1355	1465	1377	1487
	ft/in	4'4"	4'8"	4'5"	4'9"	4'6"	4'10"
Reach at Level Lift Arm and Bucket Level	mm	2633	2794	2683	2844	2718	2879
	ft/in	8'7"	9'2"	8'9"	9'3"	8'11"	9'5"
A† Digging Depth	mm	101	101	101	101	101	101
	in	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8250	8425	8300	8475	8335	8510
	ft/in	27'1"	27'8"	27'3"	27'10"	27'5"	28'0"
B† Overall Height with Bucket at Maximum Lift	mm	5313	5313	5488	5488	5517	5517
	ft/in	17'6"	17'6"	18'1"	18'1"	18'2"	18'2"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6679	6761	6693	6775	6702	6785
	ft/in	21'11"	22'3"	22'0"	22'3"	22'0"	22'4"
Static Tipping Load, Straight (With tire deflection)	kg	13 747	13 607	13 646	13 506	13 582	13 441
	lb	30,307	29,998	30,085	29,775	29,944	29,632
Static Tipping Load, Straight (No tire deflection)	kg	14 512	14 371	14 414	14 272	14 352	14 209
	lb	31,995	31,684	31,779	31,466	31,641	31,327
Static Tipping Load, Articulated (With tire deflection)	kg	11 854	11 714	11 759	11 619	11 699	11 557
	lb	26,134	25,825	25,926	25,615	25,792	25,480
Static Tipping Load, Articulated (No tire deflection)	kg	12 628	12 487	12 536	12 394	12 477	12 335
	lb	27,841	27,530	27,639	27,325	27,508	27,194
Breakout Force (§)	kN	152	150	145	144	141	140
	lbf	34,191	33,922	32,799	32,532	31,885	31,618
Operating Weight*	kg	18 596	18 704	18 641	18 749	18 671	18 779
	lb	40,996	41,234	41,095	41,333	41,161	41,400

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight		
Bucket Type		**General Purpose – Pin-On**		
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	3.60	3.60	3.80
	yd^3	4.75	4.75	5.00
Capacity – Rated at 110% Fill Factor	m^3	4.00	4.00	4.20
	yd^3	5.25	5.25	5.50
Width	mm	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2733	2614	2705
	ft/in	8'11"	8'6"	8'10"
17† Reach at Maximum Lift and 45° Discharge	mm	1413	1523	1428
	ft/in	4'7"	4'11"	4'8"
Reach at Level Lift Arm and Bucket Level	mm	2778	2939	2808
	ft/in	9'1"	9'7"	9'2"
A† Digging Depth	mm	101	101	106
	in	4"	4"	4.2"
12† Overall Length	mm	8395	8570	8430
	ft/in	27'7"	28'2"	27'8"
B† Overall Height with Bucket at Maximum Lift	mm	5575	5575	5601
	ft/in	18'4"	18'4"	18'5"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6719	6802	6760
	ft/in	22'1"	22'4"	22'3"
Static Tipping Load, Straight (With tire deflection)	kg	13 461	13 318	13 301
	lb	29,676	29,363	29,323
Static Tipping Load, Straight (No tire deflection)	kg	14 233	14 090	14 074
	lb	31,379	31,063	31,029
Static Tipping Load, Articulated (With tire deflection)	kg	11 584	11 442	11 427
	lb	25,539	25,226	25,194
Static Tipping Load, Articulated (No tire deflection)	kg	12 365	12 222	12 210
	lb	27,262	26,945	26,919
Breakout Force (§)	kN	135	134	131
	lbf	30,410	30,145	29,550
Operating Weight*	kg	18 729	18 837	18 845
	lb	41,289	41,527	41,545

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight			
Bucket Type		**General Purpose – Hook-On – Fusion**			
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	3.10	3.10	3.30	3.30
	yd^3	4.00	4.00	4.25	4.25
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.60	3.60
	yd^3	4.50	4.50	4.75	4.75
Width	mm	2927	2994	2958	2999
	ft/in	9'7"	9'9"	9'8"	9'10"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2802	2685	2763	2646
	ft/in	9'2"	8'9"	9'0"	8'8"
17† Reach at Maximum Lift and 45° Discharge	mm	1361	1473	1391	1497
	ft/in	4'5"	4'10"	4'6"	4'10"
Reach at Level Lift Arm and Bucket Level	mm	2688	2849	2738	2894
	ft/in	8'9"	9'4"	8'11"	9'5"
A† Digging Depth	mm	109	109	109	109
	in	4.3"	4.3"	4.3"	4.3"
12† Overall Length	mm	8312	8486	8362	8533
	ft/in	27'4"	27'11"	27'6"	28'0"
B† Overall Height with Bucket at Maximum Lift	mm	5456	5456	5507	5507
	ft/in	17'11"	17'11"	18'1"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6694	6776	6722	6792
	ft/in	22'0"	22'3"	22'1"	22'4"
Static Tipping Load, Straight (With tire deflection)	kg	13 117	12 978	12 929	12 819
	lb	28,920	28,612	28,504	28,261
Static Tipping Load, Straight (No tire deflection)	kg	13 869	13 728	13 683	13 572
	lb	30,576	30,266	30,166	29,921
Static Tipping Load, Articulated (With tire deflection)	kg	11 254	11 114	11 071	10 960
	lb	24,811	24,503	24,407	24,164
Static Tipping Load, Articulated (No tire deflection)	kg	12 014	11 874	11 834	11 723
	lb	26,488	26,178	26,090	25,845
Breakout Force (§)	kN	145	143	138	137
	lbf	32,606	32,336	31,154	30,928
Operating Weight*	kg	19 074	19 182	19 200	19 283
	lb	42,050	42,288	42,328	42,511

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight		
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**
Capacity – Rated	m^3	3.40	3.40	3.60
	yd^3	4.50	4.50	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	4.00
	yd^3	4.75	4.75	5.25
Width	mm	2927	2994	2956
	ft/in	9'7"	9'9"	9'8"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2737	2618	2688
	ft/in	8'11"	8'7"	8'9"
17† Reach at Maximum Lift and 45° Discharge	mm	1413	1523	1453
	ft/in	4'7"	4'11"	4'9"
Reach at Level Lift Arm and Bucket Level	mm	2773	2934	2837
	ft/in	9'1"	9'7"	9'3"
A† Digging Depth	mm	109	109	109
	in	4.3"	4.3"	4.3"
12† Overall Length	mm	8397	8571	8461
	ft/in	27'7"	28'2"	27'10"
B† Overall Height with Bucket at Maximum Lift	mm	5536	5536	5613
	ft/in	18'2"	18'2"	18'5"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6718	6801	6754
	ft/in	22'1"	22'4"	22'2"
Static Tipping Load, Straight (With tire deflection)	kg	12 959	12 819	12 699
	lb	28,571	28,261	27,997
Static Tipping Load, Straight (No tire deflection)	kg	13 715	13 573	13 450
	lb	30,237	29,923	29,652
Static Tipping Load, Articulated (With tire deflection)	kg	11 104	10 964	10 857
	lb	24,482	24,171	23,937
Static Tipping Load, Articulated (No tire deflection)	kg	11 869	11 727	11 618
	lb	26,167	25,854	25,613
Breakout Force (§)	kN	135	134	128
	lbf	30,474	30,206	28,881
Operating Weight*	kg	19 150	19 258	19 287
	lb	42,217	42,456	42,519

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight			
Bucket Type		**Flat Floor – Pin-On**			
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	3.20	3.20	3.40	3.40
	yd^3	4.25	4.25	4.50	4.50
Capacity – Rated at 110% Fill Factor	m^3	3.50	3.50	3.70	3.70
	yd^3	4.50	4.50	4.75	4.75
Width	mm	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2744	2619	2709	2584
	ft/in	9'0"	8'7"	8'10"	8'5"
17† Reach at Maximum Lift and 45° Discharge	mm	1261	1364	1297	1399
	ft/in	4'1"	4'5"	4'3"	4'7"
Reach at Level Lift Arm and Bucket Level	mm	2678	2839	2728	2889
	ft/in	8'9"	9'3"	8'11"	9'5"
A† Digging Depth	mm	109	109	109	109
	in	4.3"	4.3"	4.3"	4.3"
12† Overall Length	mm	8302	8476	8352	8526
	ft/in	27'3"	27'10"	27'5"	28'0"
B† Overall Height with Bucket at Maximum Lift	mm	5478	5478	5527	5527
	ft/in	18'0"	18'0"	18'2"	18'2"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6695	6777	6709	6791
	ft/in	22'0"	22'3"	22'1"	22'4"
Static Tipping Load, Straight (With tire deflection)	kg	13 523	13 384	13 428	13 288
	lb	29,815	29,507	29,605	29,296
Static Tipping Load, Straight (No tire deflection)	kg	14 274	14 133	14 182	14 040
	lb	31,469	31,159	31,266	30,953
Static Tipping Load, Articulated (With tire deflection)	kg	11 655	11 515	11 565	11 424
	lb	25,695	25,387	25,497	25,187
Static Tipping Load, Articulated (No tire deflection)	kg	12 415	12 274	12 327	12 186
	lb	27,370	27,060	27,178	26,865
Breakout Force (§)	kN	146	145	140	139
	lbf	32,907	32,638	31,602	31,333
Operating Weight*	kg	18 628	18 736	18 676	18 784
	lb	41,067	41,305	41,172	41,411

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight				
Bucket Type		**Flat Floor – Pin-On**		**Flat Floor – Pin-On – Light Material**	**Flat Floor – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	3.80	3.80	4.40	3.80	3.80
	yd^3	5.00	5.00	5.75	5.00	5.00
Capacity – Rated at 110% Fill Factor	m^3	4.20	4.20	4.80	4.20	4.20
	yd^3	5.50	5.50	6.25	5.50	5.50
Width	mm	2927	2994	3059	2927	2994
	ft/in	9'7"	9'9"	10'0"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2631	2505	2575	2596	2470
	ft/in	8'7"	8'2"	8'5"	8'6"	8'1"
17† Reach at Maximum Lift and 45° Discharge	mm	1375	1478	1419	1410	1512
	ft/in	4'6"	4'10"	4'7"	4'7"	4'11"
Reach at Level Lift Arm and Bucket Level	mm	2839	3000	2909	2888	3049
	ft/in	9'3"	9'10"	9'6"	9'5"	10'0"
A† Digging Depth	mm	109	109	117	109	109
	in	4.3"	4.3"	4.6"	4.3"	4.3"
12† Overall Length	mm	8463	8637	8539	8512	8686
	ft/in	27'10"	28'5"	28'1"	28'0"	28'6"
B† Overall Height with Bucket at Maximum Lift	mm	5626	5626	5704	5656	5656
	ft/in	18'6"	18'6"	18'9"	18'7"	18'7"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6740	6823	6822	6751	6835
	ft/in	22'2"	22'5"	22'5"	22'2"	22'6"
Static Tipping Load, Straight (With tire deflection)	kg	13 226	13 084	12 955	12 690	12 548
	lb	29,159	28,846	28,561	27,978	27,665
Static Tipping Load, Straight (No tire deflection)	kg	13 986	13 842	13 716	13 442	13 299
	lb	30,834	30,517	30,239	29,635	29,319
Static Tipping Load, Articulated (With tire deflection)	kg	11 373	11 230	11 112	10 857	10 715
	lb	25,073	24,760	24,499	23,935	23,623
Static Tipping Load, Articulated (No tire deflection)	kg	12 142	11 998	11 883	11 618	11 475
	lb	26,769	26,452	26,199	25,614	25,298
Breakout Force (§)	kN	129	127	121	124	123
	lbf	29,009	28,742	27,368	27,942	27,676
Operating Weight*	kg	18 778	18 886	18 934	19 242	19 350
	lb	41,397	41,635	41,741	42,420	42,658

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight			
Bucket Type		**Multi-Purpose – Pin-On**		**Multi-Purpose – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	2.80	2.80	2.90	2.90
	yd^3	3.50	3.50	3.75	3.75
Capacity – Rated at 110% Fill Factor	m^3	3.00	3.00	3.20	3.20
	yd^3	4.00	4.00	4.25	4.25
Width	mm	2942	2999	3007	3000
	ft/in	9'7"	9'10"	9'10"	9'10"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2944	2836	2936	2827
	ft/in	9'7"	9'3"	9'7"	9'3"
17† Reach at Maximum Lift and 45° Discharge	mm	1318	1434	1408	1527
	ft/in	4'3"	4'8"	4'7"	5'0"
Reach at Level Lift Arm and Bucket Level	mm	2538	2695	2615	2776
	ft/in	8'3"	8'10"	8'6"	9'1"
A† Digging Depth	mm	137	137	89	89
	in	5.3"	5.3"	3.5"	3.5"
12† Overall Length	mm	8184	8355	8224	8400
	ft/in	26'11"	27'5"	27'0"	27'7"
B† Overall Height with Bucket at Maximum Lift	mm	5268	5268	5354	5354
	ft/in	17'4"	17'4"	17'7"	17'7"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6675	6751	6702	6751
	ft/in	21'11"	22'2"	22'0"	22'2"
Static Tipping Load, Straight (With tire deflection)	kg	13 275	13 123	12 853	12 723
	lb	29,268	28,932	28,336	28,049
Static Tipping Load, Straight (No tire deflection)	kg	14 020	13 866	13 625	13 493
	lb	30,910	30,571	30,038	29,748
Static Tipping Load, Articulated (With tire deflection)	kg	11 395	11 242	10 976	10 845
	lb	25,122	24,786	24,198	23,911
Static Tipping Load, Articulated (No tire deflection)	kg	12 149	11 995	11 756	11 625
	lb	26,785	26,445	25,919	25,628
Breakout Force (§)	kN	163	161	152	150
	lbf	36,642	36,325	34,181	33,913
Operating Weight*	kg	18 997	19 115	19 467	19 567
	lb	41,880	42,141	42,917	43,136

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight	
Bucket Type		**High Dump – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	4.30	6.10
	yd^3	5.50	8.00
Capacity – Rated at 110% Fill Factor	m^3	4.70	6.70
	yd^3	6.25	8.75
Width	mm	3029	2910
	ft/in	9'11"	9'6"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2406	2299
	ft/in	7'10"	7'6"
17† Reach at Maximum Lift and 45° Discharge	mm	1513	1613
	ft/in	4'11"	5'3"
Reach at Level Lift Arm and Bucket Level	mm	3095	3241
	ft/in	10'1"	10'7"
A† Digging Depth	mm	171	176
	in	6.7"	6.9"
12† Overall Length	mm	8766	8916
	ft/in	28'10"	29'4"
B† Overall Height with Bucket at Maximum Lift	mm	5663	6035
	ft/in	18'7"	19'10"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6882	6875
	ft/in	22'7"	22'7"
Static Tipping Load, Straight (With tire deflection)	kg	11 572	11 352
	lb	25,512	25,028
Static Tipping Load, Straight (No tire deflection)	kg	12 287	12 137
	lb	27,089	26,758
Static Tipping Load, Articulated (With tire deflection)	kg	9802	9553
	lb	21,610	21,061
Static Tipping Load, Articulated (No tire deflection)	kg	10 528	10 345
	lb	23,210	22,808
Breakout Force (§)	kN	105	95
	lbf	23,812	21,377
Operating Weight*	kg	19 817	20 177
	lb	43,688	44,482

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight
Bucket Type		**Woodchip – Hook-On – Fusion**
Edge Type		**Bolt-On Cutting Edges**
Capacity – Rated	m^3	7.70
	yd^3	10.00
Capacity – Rated at 110% Fill Factor	m^3	8.40
	yd^3	11.00
Width	mm	3330
	ft/in	10'11"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2424
	ft/in	7'11"
17† Reach at Maximum Lift and 45° Discharge	mm	1589
	ft/in	5'2"
Reach at Level Lift Arm and Bucket Level	mm	3136
	ft/in	10'3"
A† Digging Depth	mm	104
	in	4.1"
12† Overall Length	mm	8757
	ft/in	28'9"
B† Overall Height with Bucket at Maximum Lift	mm	6107
	ft/in	20'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7003
	ft/in	23'0"
Static Tipping Load, Straight (With tire deflection)	kg	13 259
	lb	29,232
Static Tipping Load, Straight (No tire deflection)	kg	14 172
	lb	31,246
Static Tipping Load, Articulated (With tire deflection)	kg	11 320
	lb	24,956
Static Tipping Load, Articulated (No tire deflection)	kg	12 237
	lb	26,978
Breakout Force (§)	kN	105
	lbf	23,623
Operating Weight*	kg	19 370
	lb	42,702

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight	
Bucket Type		**Rock, Spade – Pin-On*** **	
Edge Type		**Teeth and Segments**	**Teeth and Segments**
Capacity – Rated	m^3	2.90	3.10
	yd^3	3.75	4.00
Capacity – Rated at 110% Fill Factor	m^3	3.20	3.40
	yd^3	4.25	4.50
Width	mm	2994	2992
	ft/in	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2680	2634
	ft/in	8'9"	8'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1579	1601
	ft/in	5'2"	5'3"
Reach at Level Lift Arm and Bucket Level	mm	2960	3010
	ft/in	9'8"	9'10"
A† Digging Depth	mm	51	42
	in	2"	1.6"
12† Overall Length	mm	8577	8627
	ft/in	28'2"	28'4"
B† Overall Height with Bucket at Maximum Lift	mm	5418	5501
	ft/in	17'10"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6817	6831
	ft/in	22'5"	22'5"
Static Tipping Load, Straight (With tire deflection)	kg	13 777	13 965
	lb	30,374	30,787
Static Tipping Load, Straight (No tire deflection)	kg	14 591	14 780
	lb	32,168	32,586
Static Tipping Load, Articulated (With tire deflection)	kg	11 802	11 997
	lb	26,020	26,449
Static Tipping Load, Articulated (No tire deflection)	kg	12 625	12 821
	lb	27,833	28,266
Breakout Force (§)	kN	135	130
	lbf	30,415	29,413
Operating Weight*	kg	19 824	19 574
	lb	43,704	43,152

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

† Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Auxiliary Counterweight	
Bucket Type		**Side Dump – Pin-On – Abrasion**	
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	2.50	2.50
	yd^3	3.25	3.25
Capacity – Rated at 110% Fill Factor	m^3	2.80	2.80
	yd^3	3.75	3.75
Width	mm	3065	3166
	ft/in	10'0"	10'4"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2666	2508
	ft/in	8'8"	8'2"
17† Reach at Maximum Lift and 45° Discharge	mm	1344	1447
	ft/in	4'4"	4'8"
Reach at Level Lift Arm and Bucket Level	mm	2791	2975
	ft/in	9'1"	9'9"
A† Digging Depth	mm	106	106
	in	4.2"	4.2"
12† Overall Length	mm	8413	8628
	ft/in	27'8"	28'4"
B† Overall Height with Bucket at Maximum Lift	mm	5723	5723
	ft/in	18'10"	18'10"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6788	6900
	ft/in	22'4"	22'8"
Static Tipping Load, Straight (With tire deflection)	kg	11 529	11 303
	lb	25,417	24,919
Static Tipping Load, Straight (No tire deflection)	kg	12 264	12 035
	lb	27,037	26,533
Static Tipping Load, Articulated (With tire deflection)	kg	9745	9520
	lb	21,485	20,988
Static Tipping Load, Articulated (No tire deflection)	kg	10 490	10 262
	lb	23,128	22,624
Breakout Force (§)	kN	128	126
	lbf	28,819	28,391
Operating Weight*	kg	19 978	20 155
	lb	44,043	44,433

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Fork Specifications

Fork Specifications

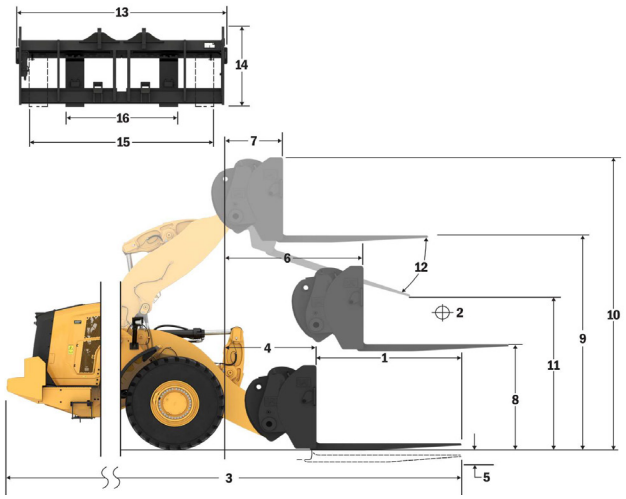
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8642 19048
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7508 16547
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3754 8274
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4505 9928
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5607 12358
3	Maximum Overall Length	mm in	9215 362.8
4	Reach with Forks at Ground Level	mm in	1170 46.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-167 -6.6
6	Reach with Arms Horizontal and Forks Level	mm in	1682 66.2
7	Reach with Fork at Maximum Height	mm in	910 35.8
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1743 68.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3671 144.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4446 175.1
11	Clearance at Full Lift and Max Dump	mm in	2042 80.4
12	Max Discharge Angle from Horizontal	deg	48
13	Overall Carriage Width	mm in	2217 87.3
14	Overall Carriage Height	mm in	840 33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm in	65.0 2.6
	Tine Capacity	kg lbs	5246 11562
	Operating Weight	kg lbs	17785 39199

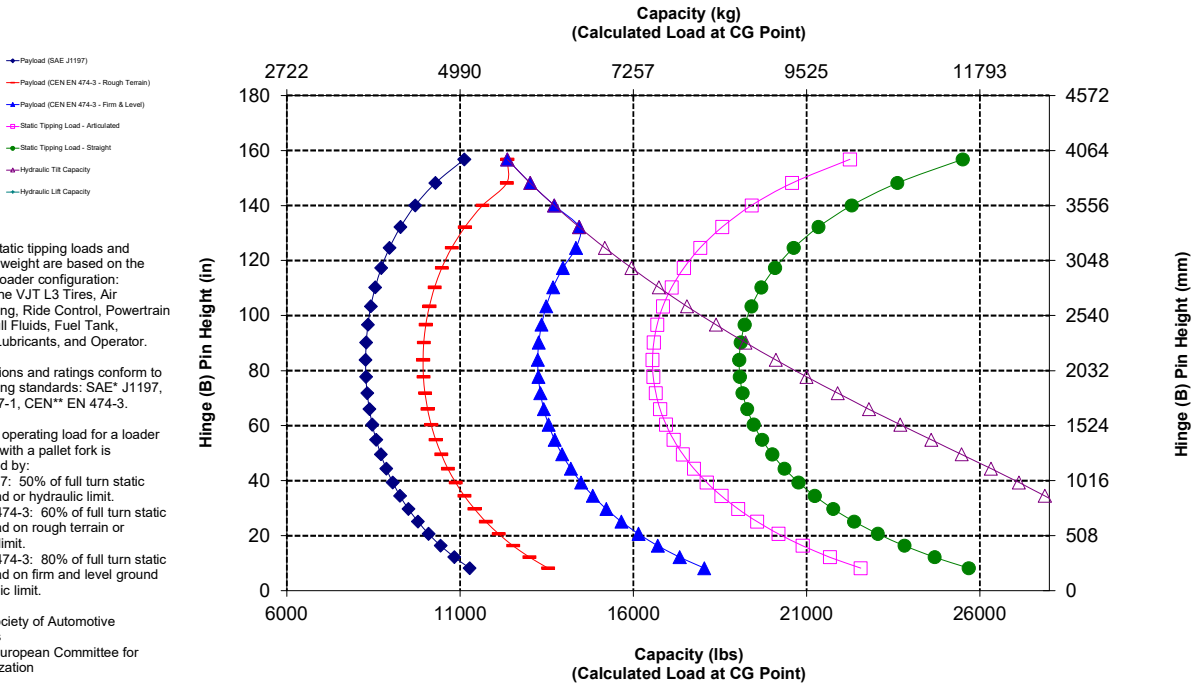
*Negative values indicate below grade

950 STD

Pallet Fork, FUSION	87" Carriage	72" Tine
	530-1861	530-1869

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





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

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8366 18439
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7228 15932
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3614 7966
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4337 9559
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5783 12745
3	Maximum Overall Length	mm in	9168 360.9
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1972 77.6
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	18174 40056

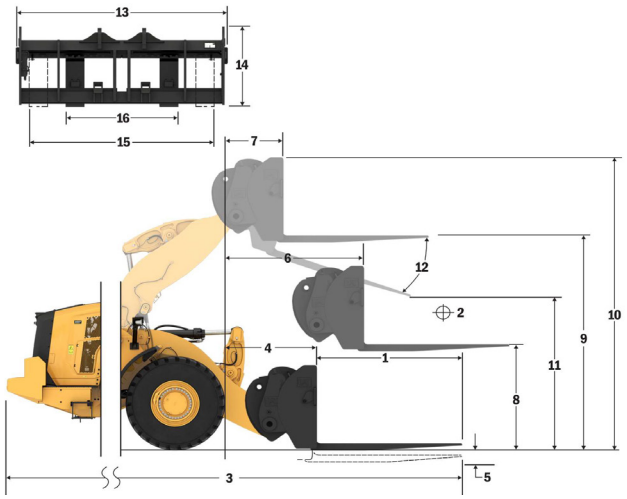
*Negative values indicate below grade

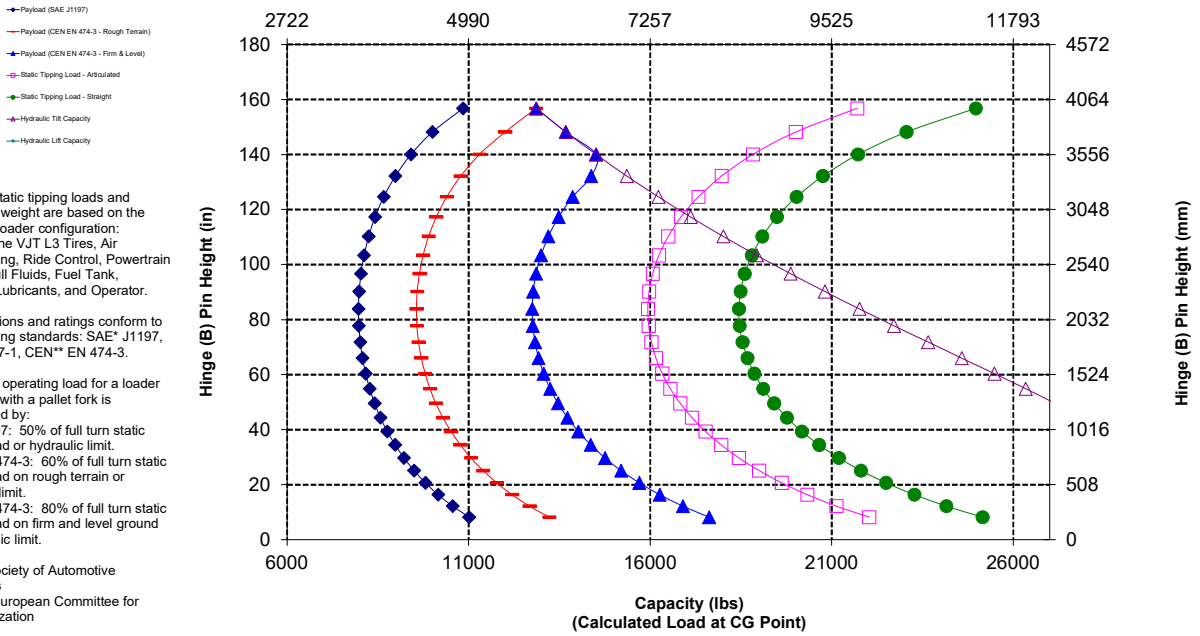
950 STD

Construction Fork, FUSION

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

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





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

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

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

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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.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7940 17500
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6851 15099
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3425 7550
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4111 9060
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5159 11370
3	Maximum Overall Length	mm in	9473 372.9
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1723 67.8
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	18237 40195

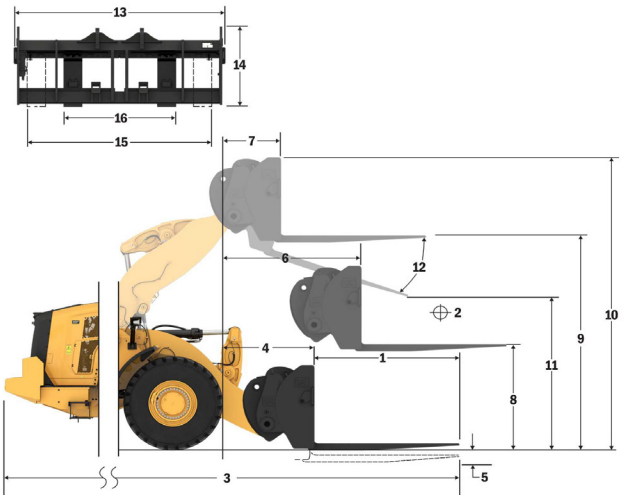
*Negative values indicate below grade

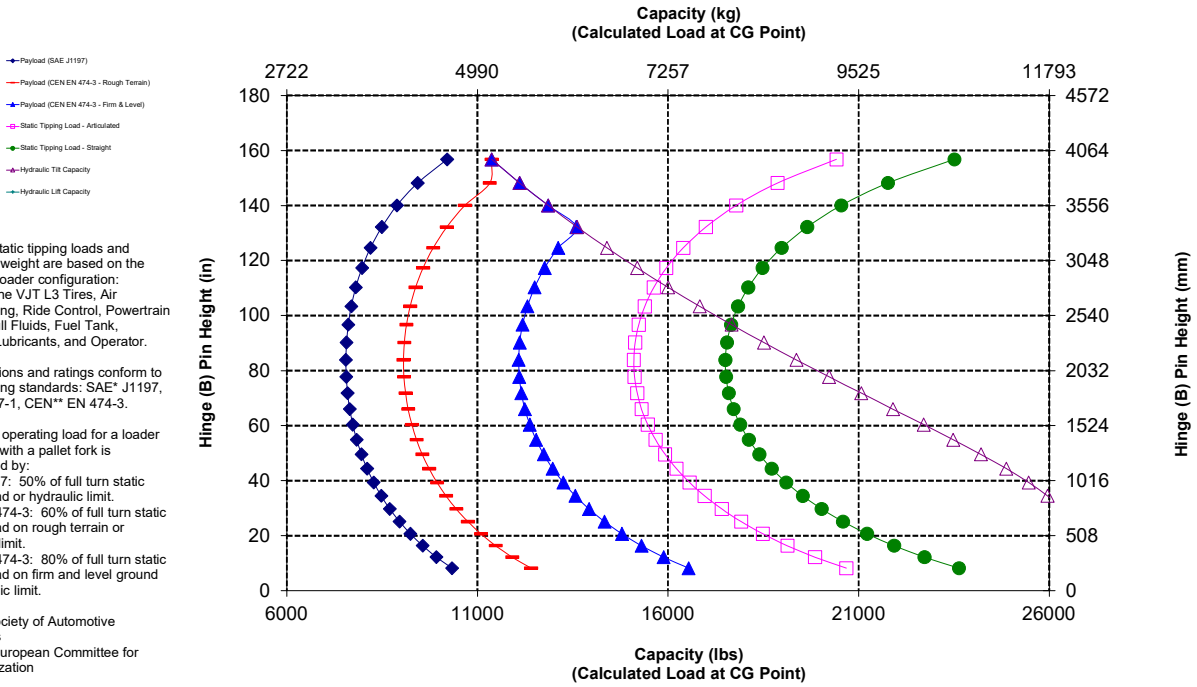
950 STD

Construction Fork, FUSION

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

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





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

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

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

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Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7546 16632
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6501 14329
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3251 7165
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3901 8598
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	4604 10146
3	Maximum Overall Length	mm in	9777 384.9
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1476 58.1
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	18299 40332

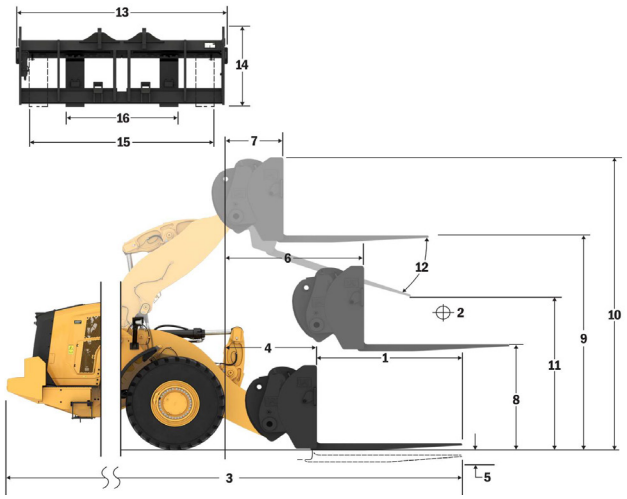
*Negative values indicate below grade

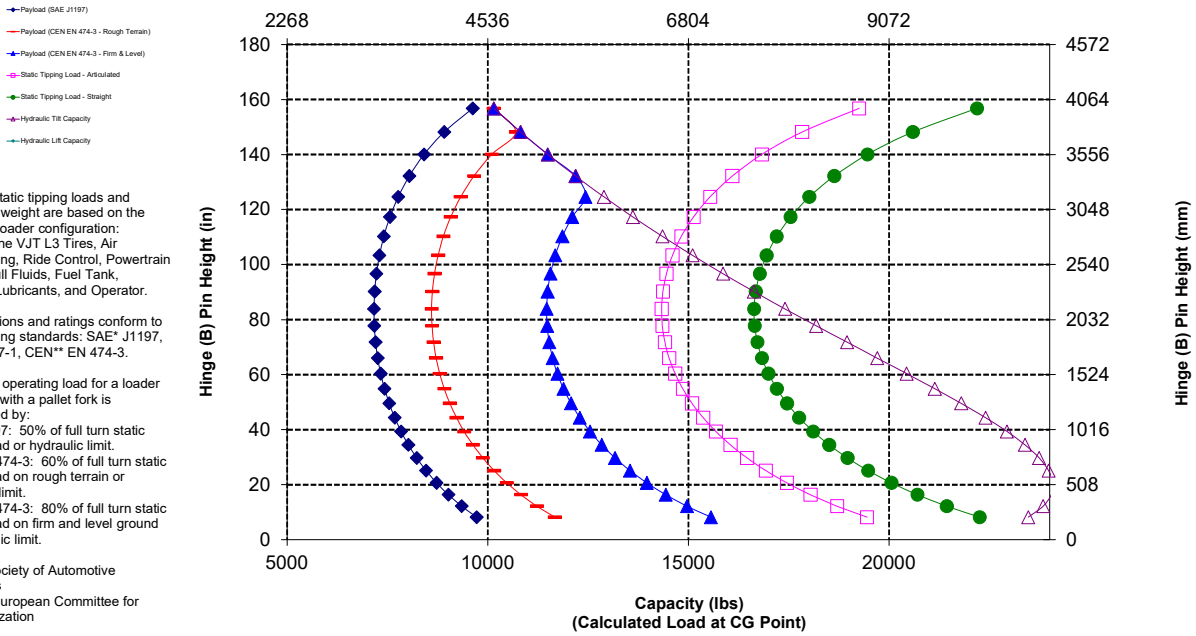
950 STD

Construction Fork, FUSION

96" Carriage	96" Tine
520-7957	520-7981

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





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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8332 18363
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7194 15856
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3597 7928
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4317 9514
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5755 12685
3	Maximum Overall Length	mm in	9168 360.9
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1972 77.6
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	18224 40166

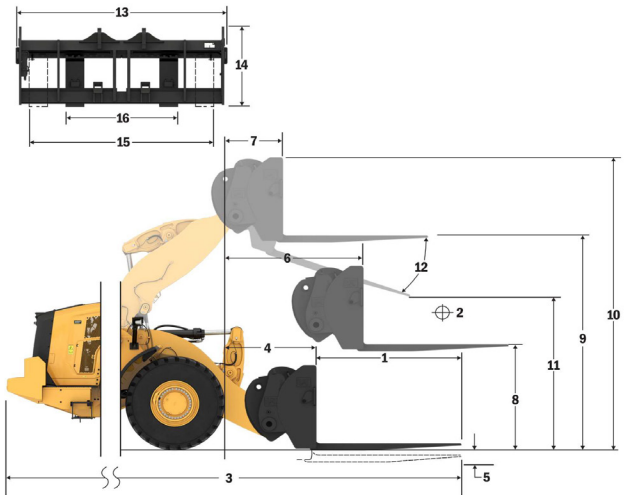
*Negative values indicate below grade

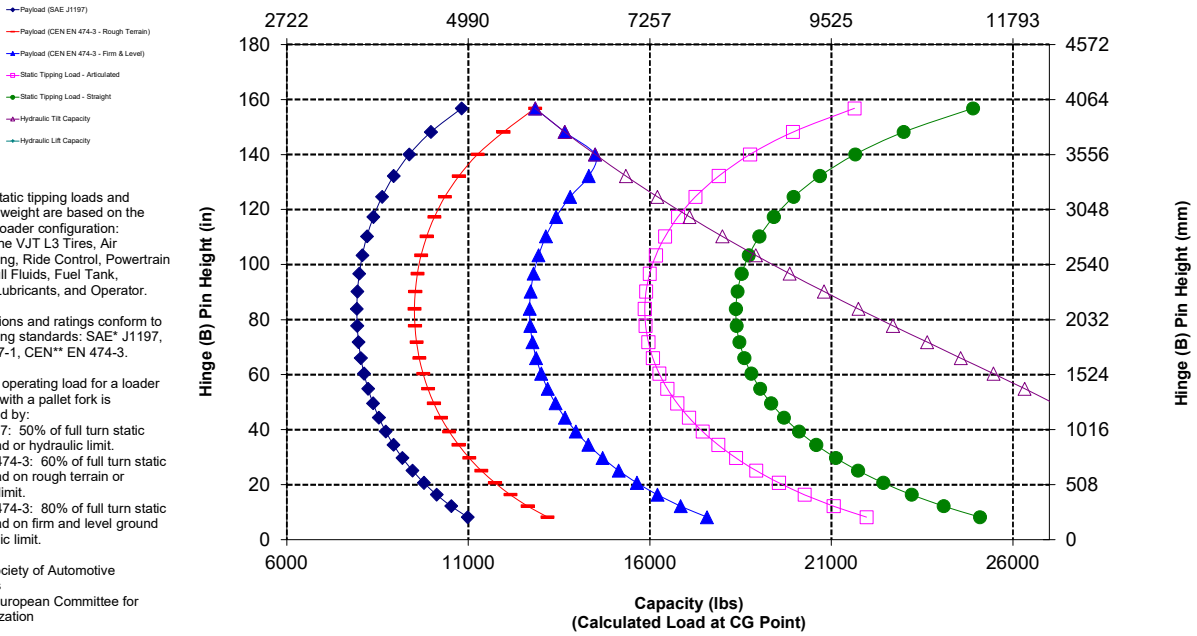
950 STD

Construction Fork, FUSION

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

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





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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7908 17430
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6819 15029
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3410 7515
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4091 9018
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5152 11355
3	Maximum Overall Length	mm in	9473 372.9
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1723 67.8
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	18286 40303

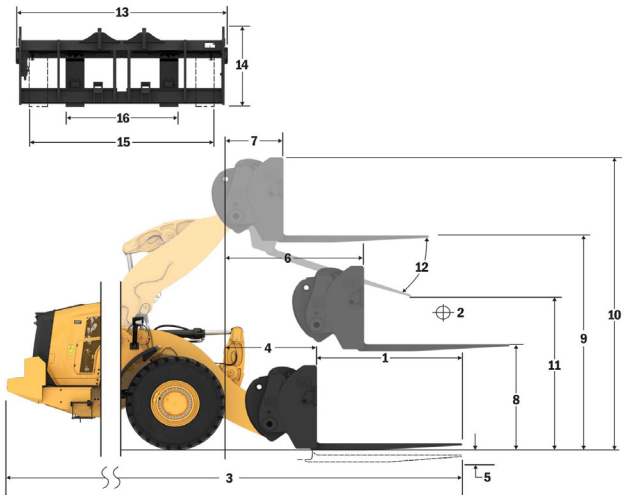
*Negative values indicate below grade

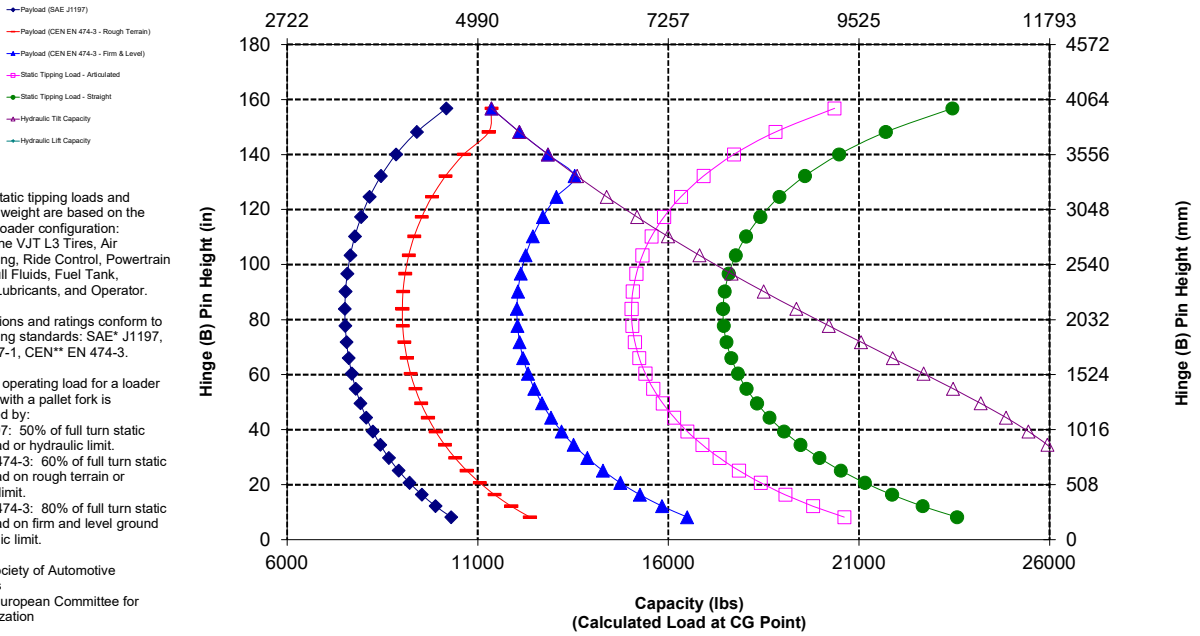
950 STD

Construction Fork, FUSION

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

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





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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7515 16563
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6470 14260
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3235 7130
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3882 8556
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	4597 10132
3	Maximum Overall Length	mm in	9777 384.9
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1476 58.1
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	18349 40442

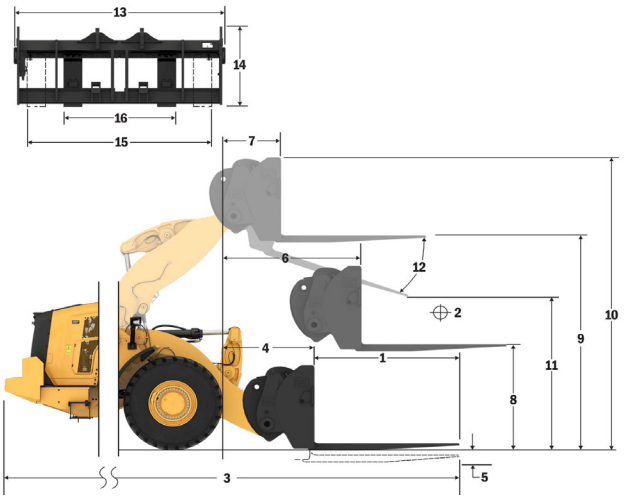
*Negative values indicate below grade

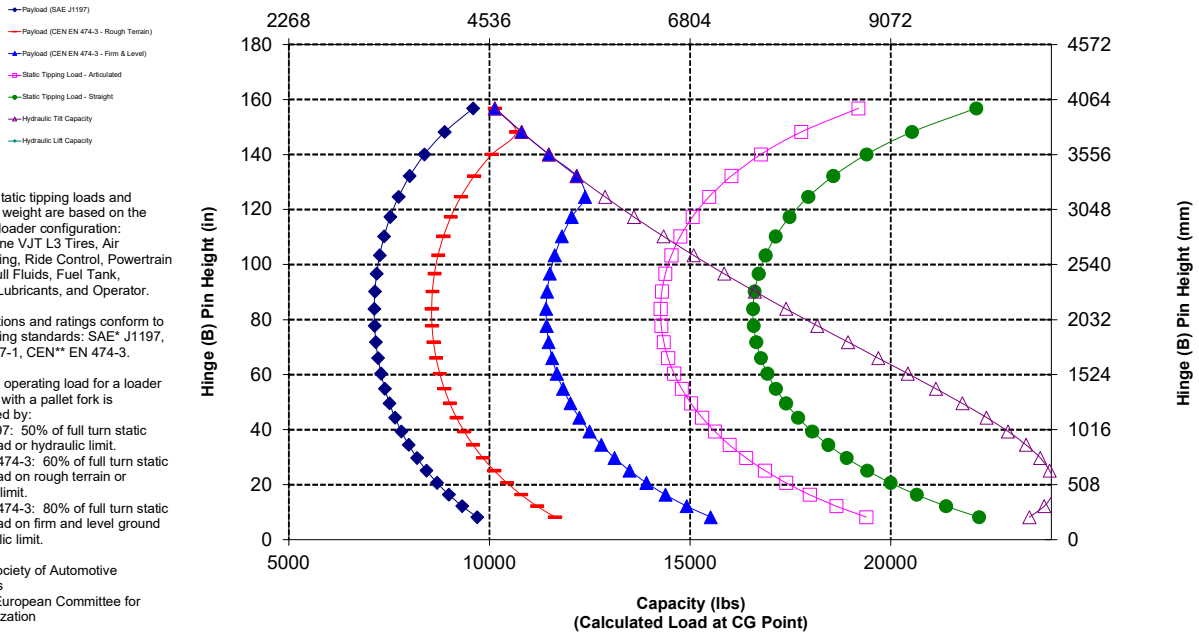
950 STD

Construction Fork, FUSION

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

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





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

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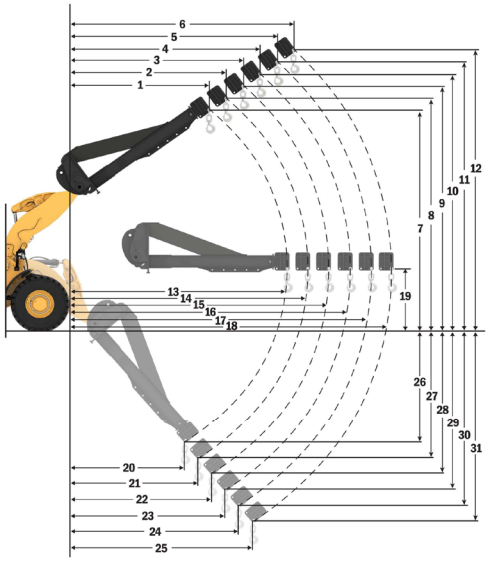
Material Handling Specifications

950 STD

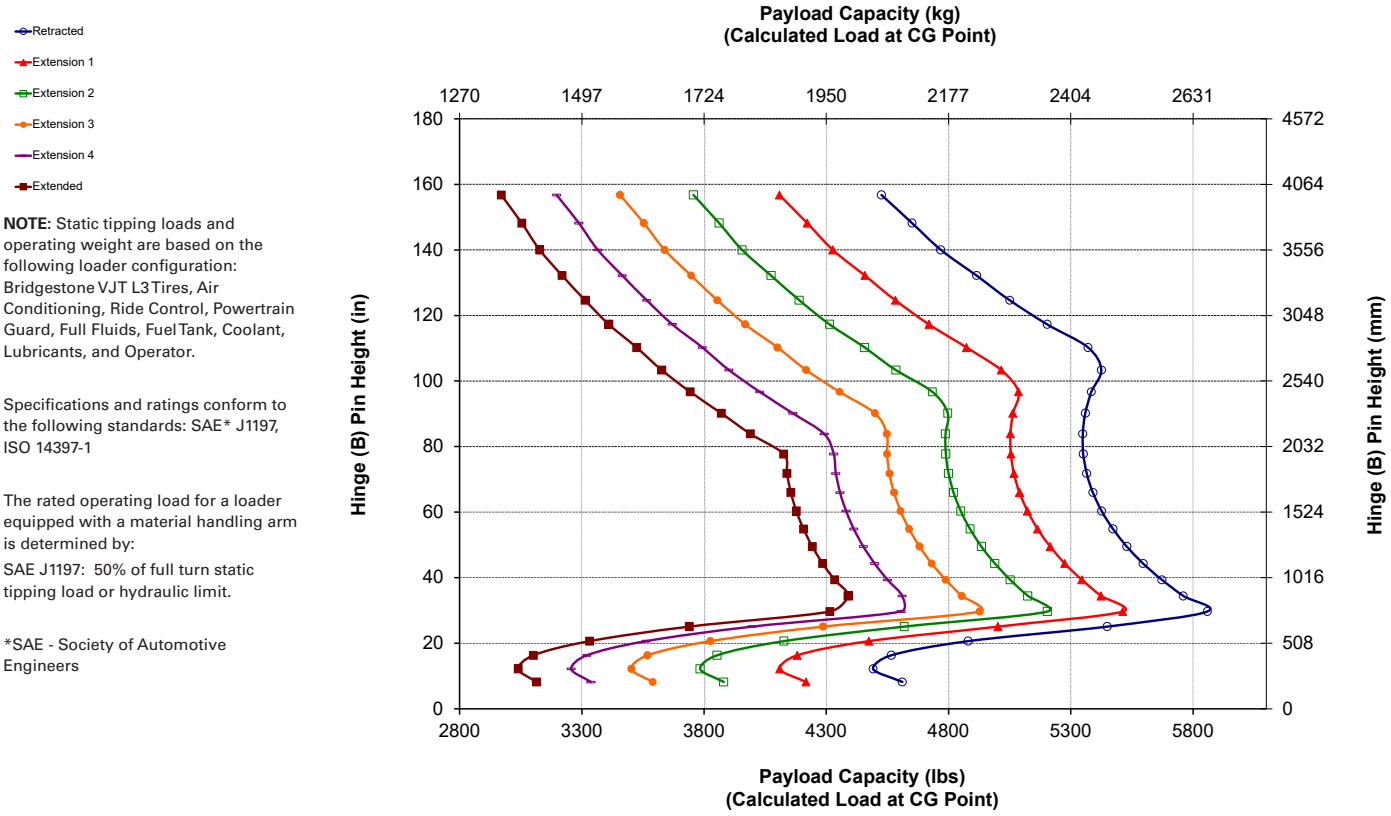
289-9885

Material Handling Arm, FUSION — 6 Position

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



MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	mm	2,103	2,234	2,365	2,495	2,626	2,757
	ft, in	6' 10"	7' 3"	7' 9"	8' 2"	8' 7"	9' 0"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	6,854	7,129	7,405	7,680	7,955	8,231
	ft, in	22' 5"	23' 4"	24' 3"	25' 2"	26' 1"	27' 0"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,540	4,845	5,150	5,454	5,759	6,064
	ft, in	14' 10"	15' 10"	16' 10"	17' 10"	18' 10"	19' 10"
Level - Hook Eyelet Height (19)	mm	1,813	1,813	1,813	1,813	1,813	1,813
	ft, in	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	1,315	1,407	1,499	1,591	1,683	1,774
	ft, in	4' 3"	4' 7"	4' 11"	5' 2"	5' 6"	5' 9"
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	mm	(3,004)	(3,295)	(3,585)	(3,876)	(4,167)	(4,457)
	ft, in	-9' 1"	-10' 2"	-11' 2"	-12' 3"	-13' 3"	-14' 4"
Static Tipping Load, Straight	kg	5,587	5,278	5,001	4,750	4,523	4,316
	lb	12,313	11,633	11,022	10,470	9,969	9,512
Static Tipping Load, Articulated	kg	4,866	4,596	4,354	4,135	3,936	3,755
	lb	10,724	10,129	9,595	9,113	8,675	8,275
Operating Weight	kg	17,496	17,496	17,496	17,496	17,496	17,496
	lb	38,562	38,562	38,562	38,562	38,562	38,562



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

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

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

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

*SAE - Society of Automotive Engineers

950 Wheel Loader Specifications

Fork Specifications

Fork Specifications

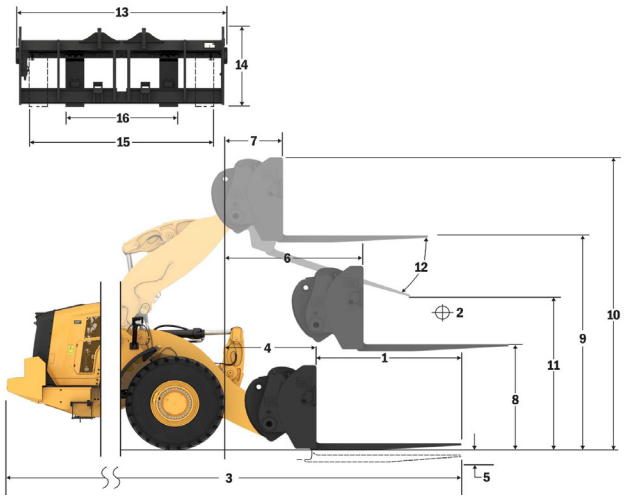
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8037 17714
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6909 15228
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3455 7614
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4146 9137
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5528 12183
3	Maximum Overall Length	mm in	9709 382.3
4	Reach with Forks at Ground Level	mm in	1652 65.0
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-189 -7.4
6	Reach with Arms Horizontal and Forks Level	mm in	2088 82.2
7	Reach with Fork at Maximum Height	mm in	978 38.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1743 68.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4167 164.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4942 194.6
11	Clearance at Full Lift and Max Dump	mm in	2609 102.7
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm in	2217 87.3
14	Overall Carriage Height	mm in	840 33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm in	65.0 2.6
	Tine Capacity	kg lbs	5246 11562
	Operating Weight	kg lbs	18872 41594

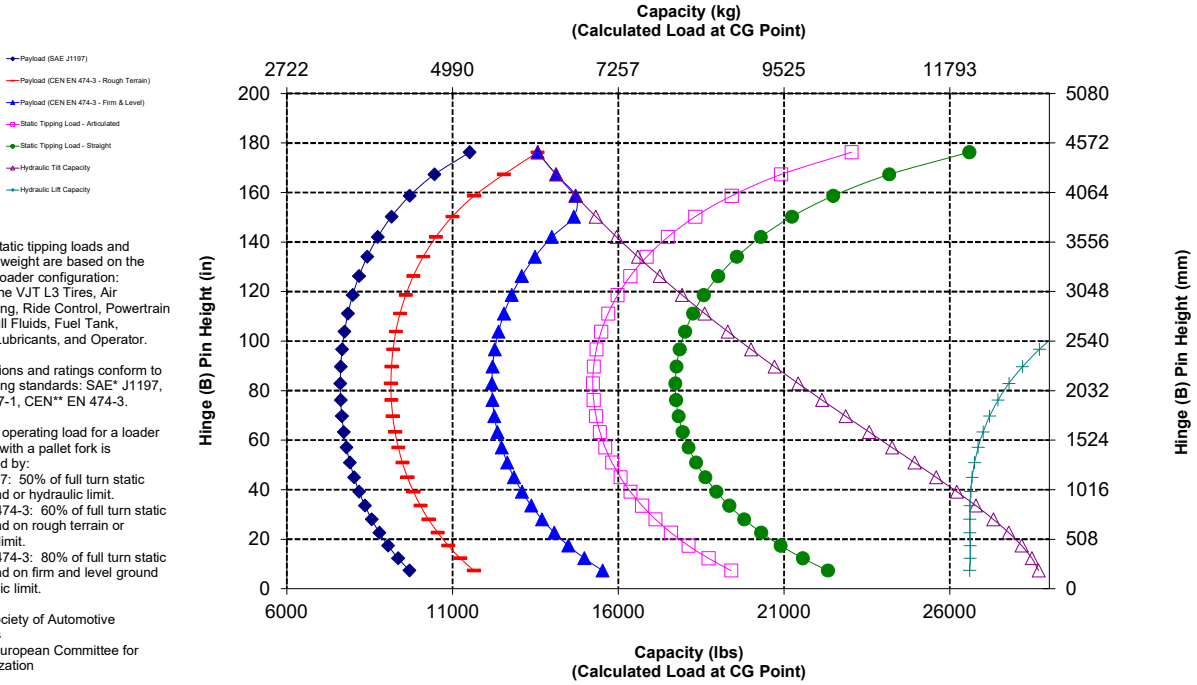
*Negative values indicate below grade

950 HL

Pallet Fork, FUSION	87" Carriage	72" Tine
	530-1861	530-1869

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





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

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7748 17076
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6618 14585
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3309 7293
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3971 8751
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5294 11668
3	Maximum Overall Length	mm in	9669 380.7
4	Reach with Forks at Ground Level	mm in	1613 63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-109 -4.3
6	Reach with Arms Horizontal and Forks Level	mm in	2081 81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4271 168.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5311 209.1
11	Clearance at Full Lift and Max Dump	mm in	2530 99.6
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	19261 42452

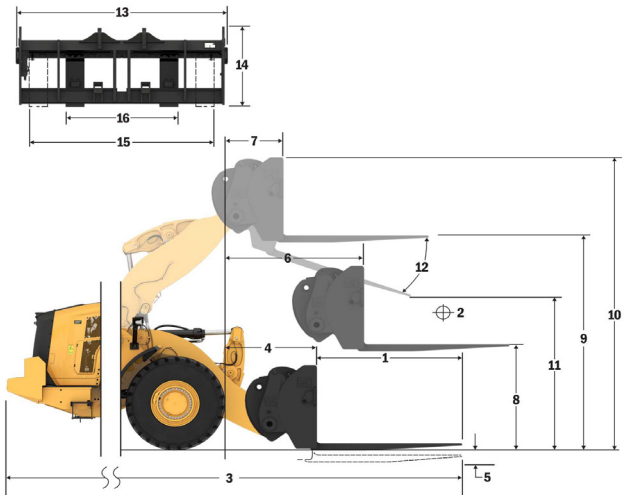
*Negative values indicate below grade

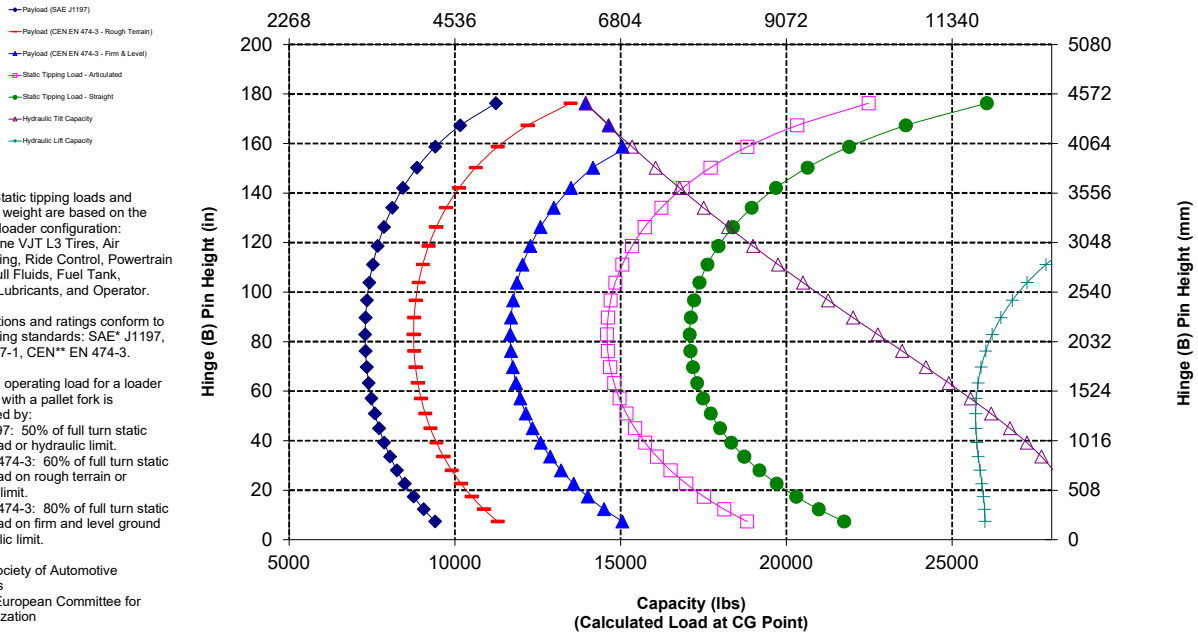
950 HL

Construction Fork, FUSION

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

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





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

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7382 16270
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6295 13874
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3147 6937
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3777 8324
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5036 11099
3	Maximum Overall Length	mm in	9974 392.7
4	Reach with Forks at Ground Level	mm in	1613 63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-109 -4.3
6	Reach with Arms Horizontal and Forks Level	mm in	2081 81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4271 168.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5311 209.1
11	Clearance at Full Lift and Max Dump	mm in	2291 90.2
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	19324 42590

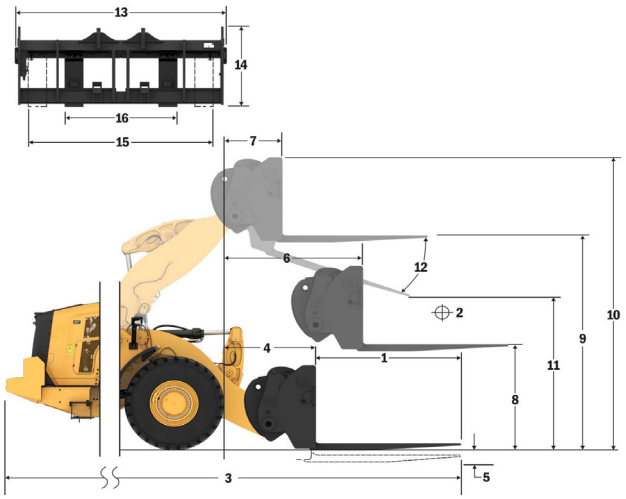
*Negative values indicate below grade

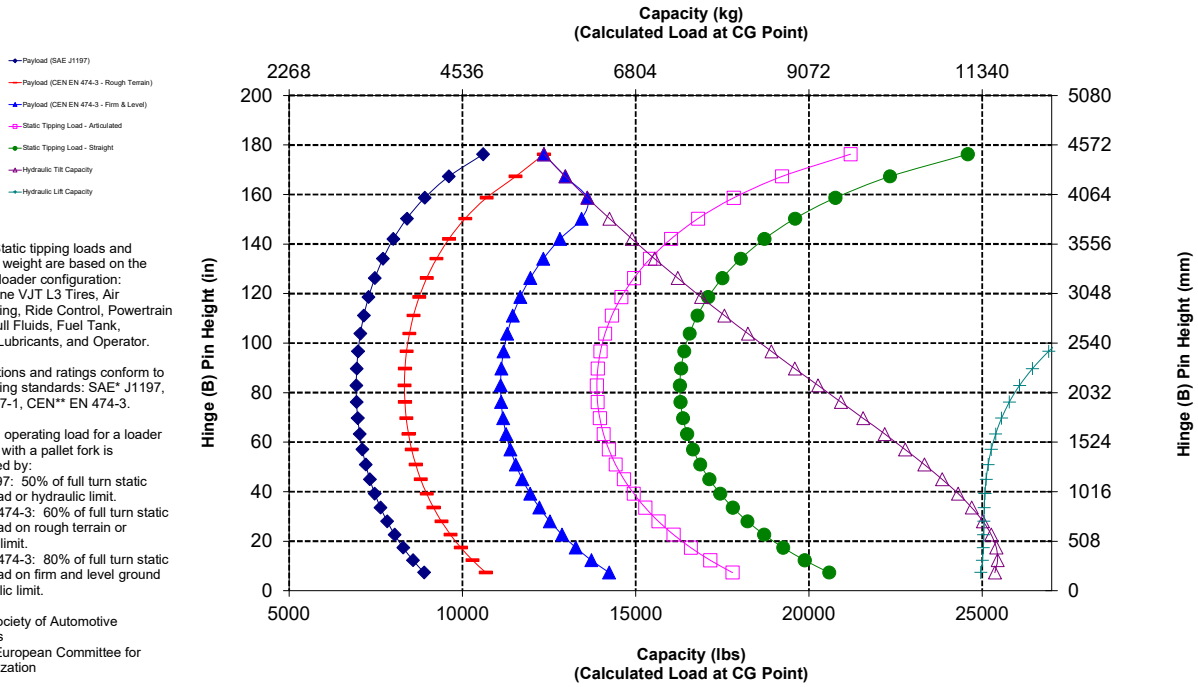
950 HL

Construction Fork, FUSION

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

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





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

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

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

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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.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7041 15518
	Static Tipping Load - Articulated (Forks Level)	kg lbs	5994 13210
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	2997 6605
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3596 7926
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	4795 10568
3	Maximum Overall Length	mm in	10278 404.6
4	Reach with Forks at Ground Level	mm in	1613 63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-109 -4.3
6	Reach with Arms Horizontal and Forks Level	mm in	2081 81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4271 168.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5311 209.1
11	Clearance at Full Lift and Max Dump	mm in	2054 80.9
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	19386 42727

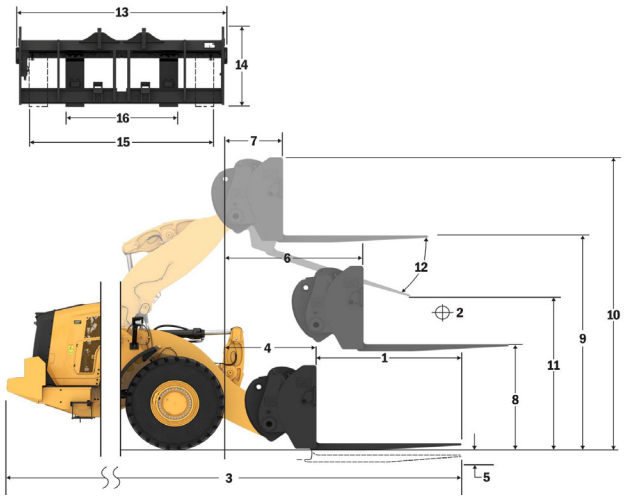
*Negative values indicate below grade

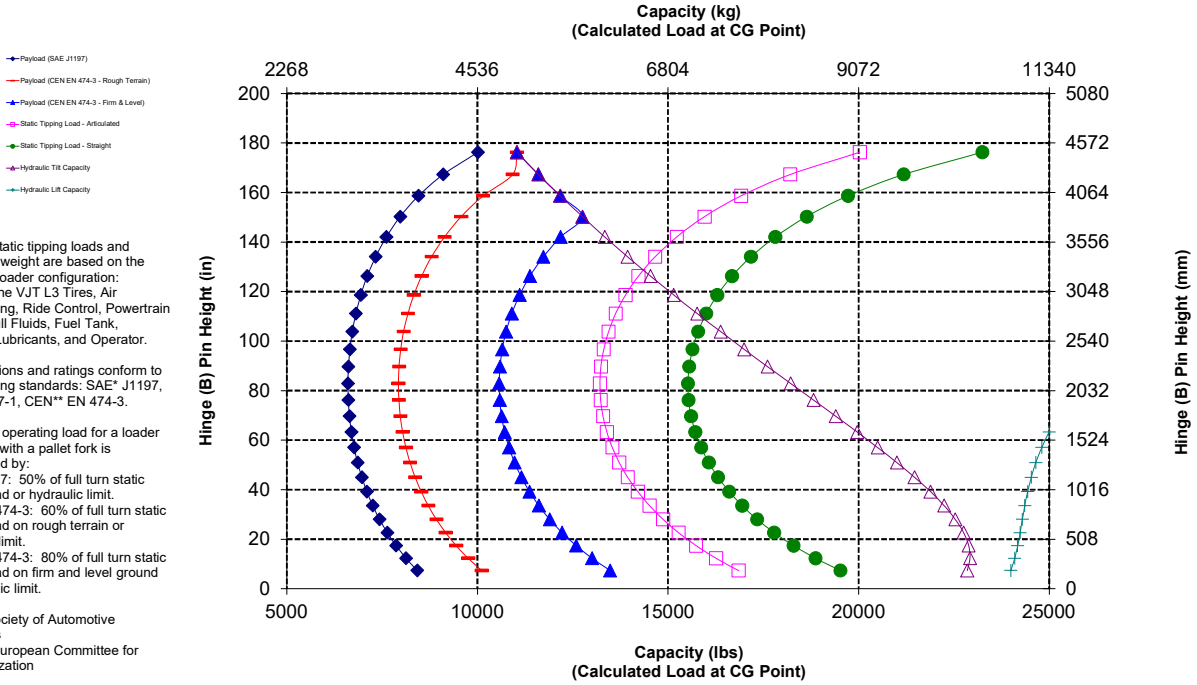
950 HL

Construction Fork, FUSION

96" Carriage	96" Tine
520-7957	520-7981

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





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

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

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

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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.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7712 16997
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6582 14506
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3291 7253
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3949 8704
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5265 11605
3	Maximum Overall Length	mm in	9669 380.7
4	Reach with Forks at Ground Level	mm in	1613 63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-109 -4.3
6	Reach with Arms Horizontal and Forks Level	mm in	2081 81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4271 168.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5311 209.1
11	Clearance at Full Lift and Max Dump	mm in	2530 99.6
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	19311 42562

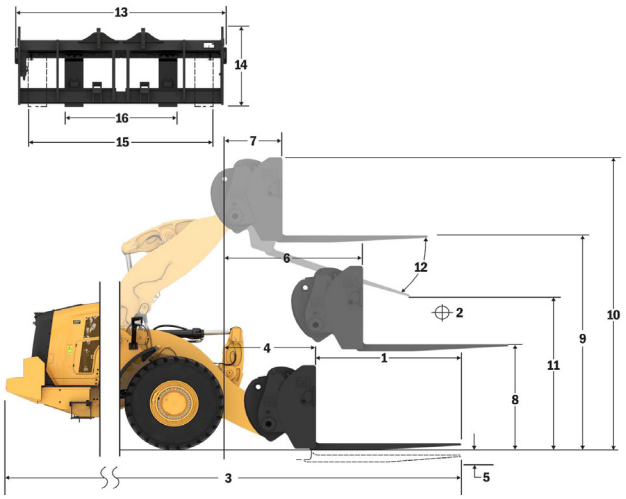
*Negative values indicate below grade

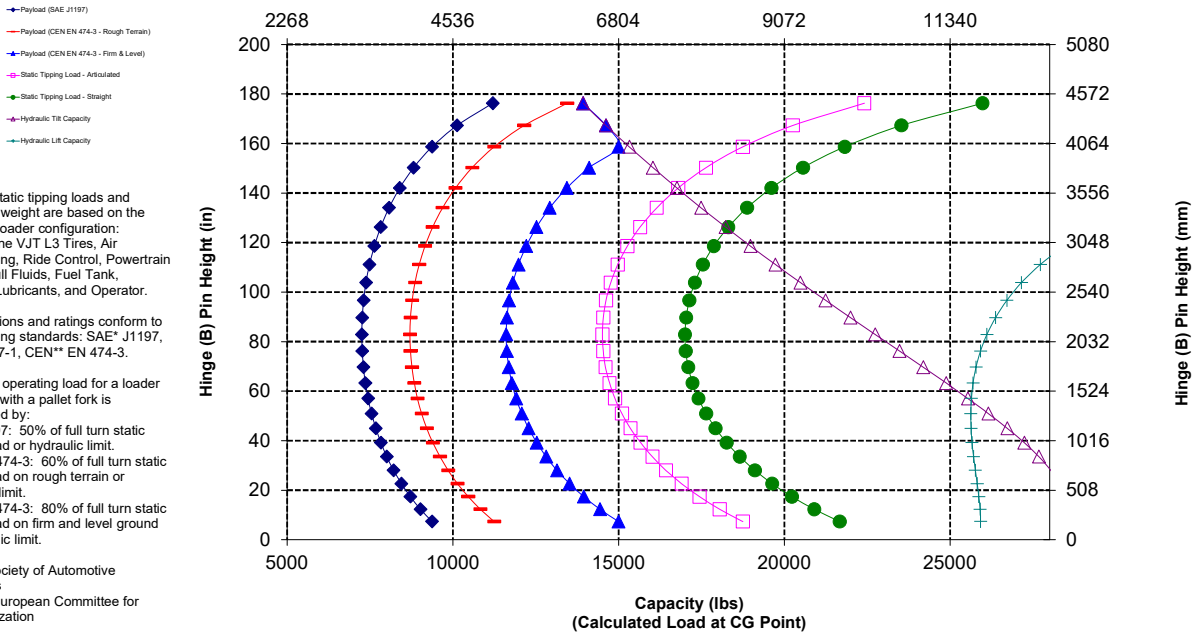
950 HL

Construction Fork, FUSION

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

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





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

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

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

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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.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7348 16196
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6261 13800
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3131 6900
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3757 8280
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5009 11040
3	Maximum Overall Length	mm in	9974 392.7
4	Reach with Forks at Ground Level	mm in	1613 63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-109 -4.3
6	Reach with Arms Horizontal and Forks Level	mm in	2081 81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4271 168.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5311 209.1
11	Clearance at Full Lift and Max Dump	mm in	2291 90.2
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	19373 42698

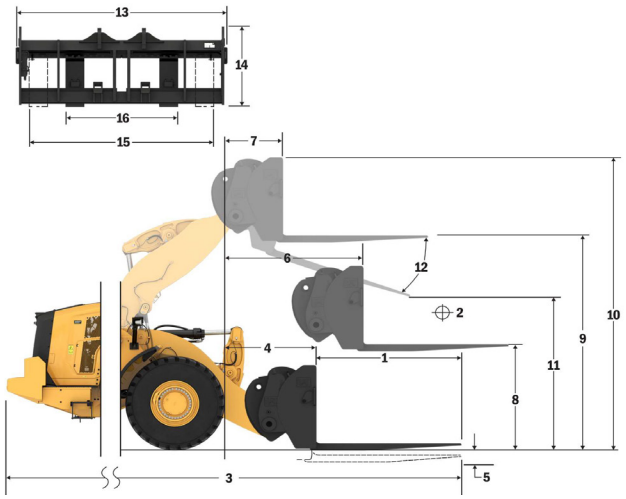
*Negative values indicate below grade

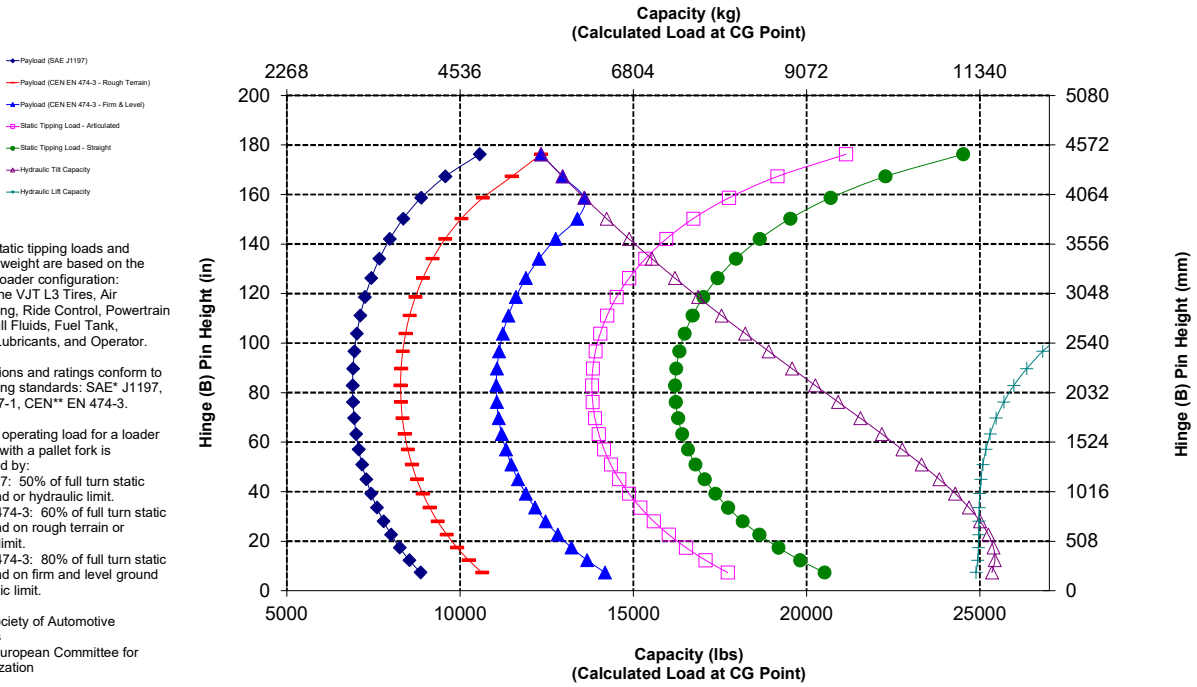
950 HL

Construction Fork, FUSION

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

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





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

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7008 15445
	Static Tipping Load - Articulated (Forks Level)	kg lbs	5960 13137
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	2980 6568
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3576 7882
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	4768 10509
3	Maximum Overall Length	mm in	10278 404.6
4	Reach with Forks at Ground Level	mm in	1613 63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-109 -4.3
6	Reach with Arms Horizontal and Forks Level	mm in	2081 81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4271 168.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5311 209.1
11	Clearance at Full Lift and Max Dump	mm in	2054 80.9
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	19436 42837

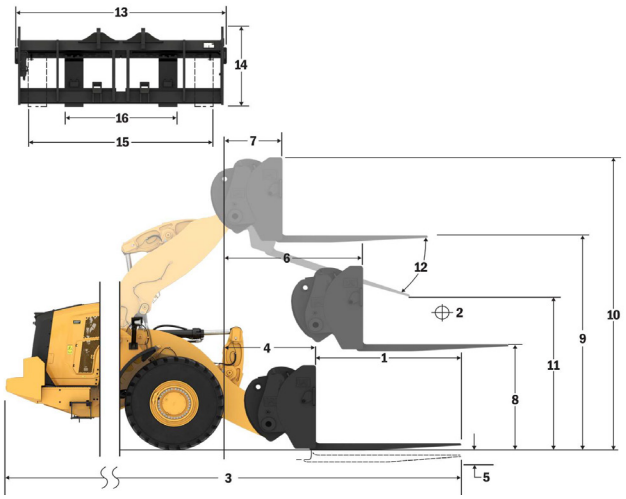
*Negative values indicate below grade

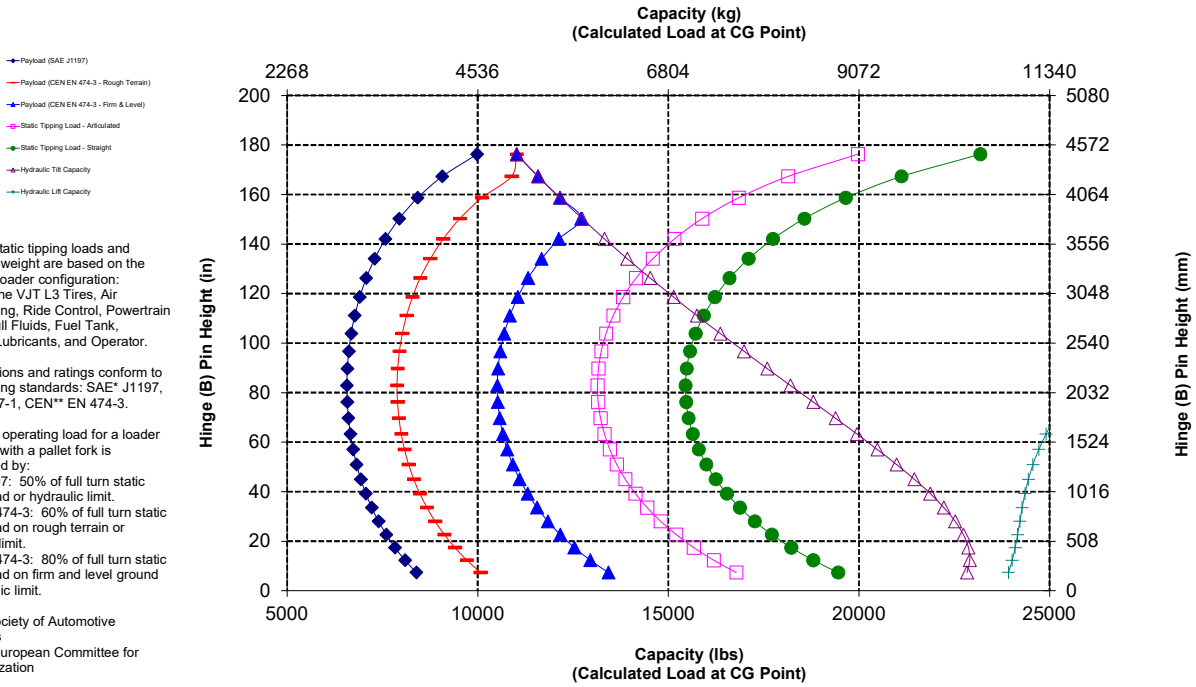
950 HL

Construction Fork, FUSION

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

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





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

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

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

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

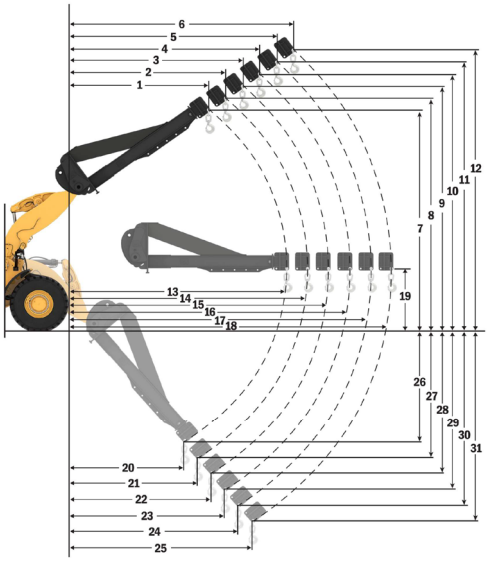
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Material Handling Specifications

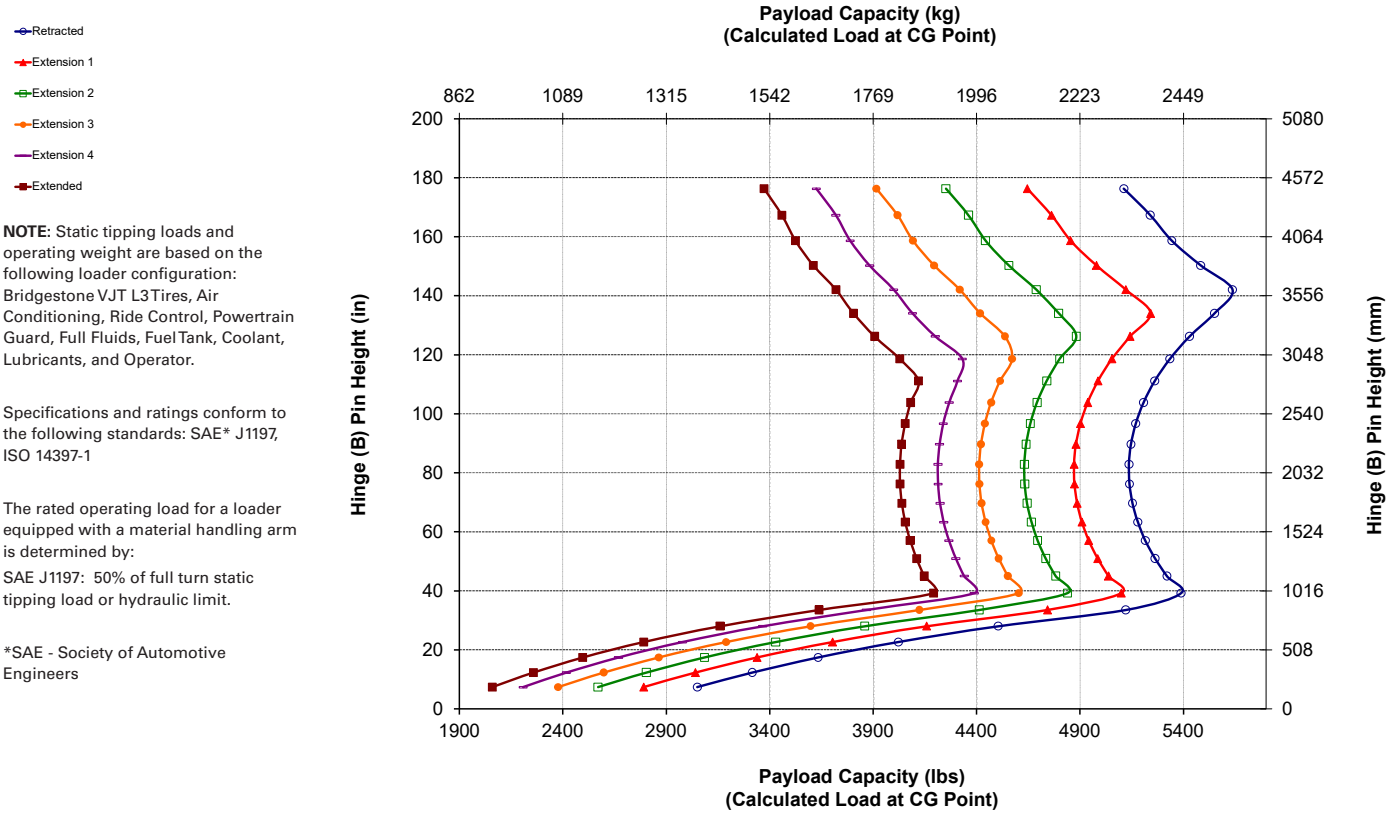
950 HL **289-9885**

Material Handling Arm, FUSION **6 Position**

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



MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	mm	1,888	1,991	2,095	2,198	2,302	2,406
	ft, in	6' 2"	6' 6"	6' 10"	7' 2"	7' 6"	7' 10"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	7,492	7,779	8,066	8,352	8,639	8,926
	ft, in	24' 6"	25' 6"	26' 5"	27' 4"	28' 4"	29' 3"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,946	5,251	5,556	5,860	6,165	6,470
	ft, in	16' 2"	17' 2"	18' 2"	19' 2"	20' 2"	21' 2"
Level - Hook Eyelet Height (19)	mm	1,813	1,813	1,813	1,813	1,813	1,813
	ft, in	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	3,225	3,442	3,659	3,875	4,092	4,309
	ft, in	10' 6"	11' 3"	12' 0"	12' 8"	13' 5"	14' 1"
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	mm	(2,299)	(2,514)	(2,728)	(2,942)	(3,157)	(3,371)
	ft, in	-7' 5"	-8' 9"	-8' 0"	-9' 4"	-10' 7"	-11' 11"
Static Tipping Load, Straight	kg	5,418	5,138	4,885	4,655	4,445	4,253
	lb	11,940	11,324	10,767	10,260	9,798	9,373
Static Tipping Load, Articulated	kg	4,673	4,431	4,212	4,012	3,831	3,664
	lb	10,298	9,765	9,282	8,844	8,443	8,075
Operating Weight	kg	18,583	18,583	18,583	18,583	18,583	18,583
	lb	40,957	40,957	40,957	40,957	40,957	40,957



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

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

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

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

*SAE - Society of Automotive Engineers

950 Wheel Loader Specifications

Fork Specifications

Fork Specifications

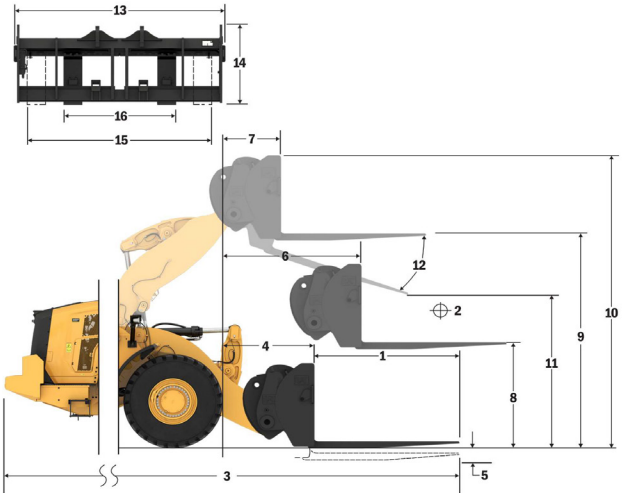
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9396 20709
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8135 17930
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4068 8965
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4881 10758
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5607 12358
3	Maximum Overall Length	mm in	9227 363.3
4	Reach with Forks at Ground Level	mm in	1170 46.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-167 -6.6
6	Reach with Arms Horizontal and Forks Level	mm in	1682 66.2
7	Reach with Fork at Maximum Height	mm in	910 35.8
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1743 68.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3671 144.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4446 175.1
11	Clearance at Full Lift and Max Dump	mm in	2042 80.4
12	Max Discharge Angle from Horizontal	deg	48
13	Overall Carriage Width	mm in	2217 87.3
14	Overall Carriage Height	mm in	840 33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm in	65.0 2.6
	Tine Capacity	kg lbs	5246 11562
	Operating Weight	kg lbs	18304 40343

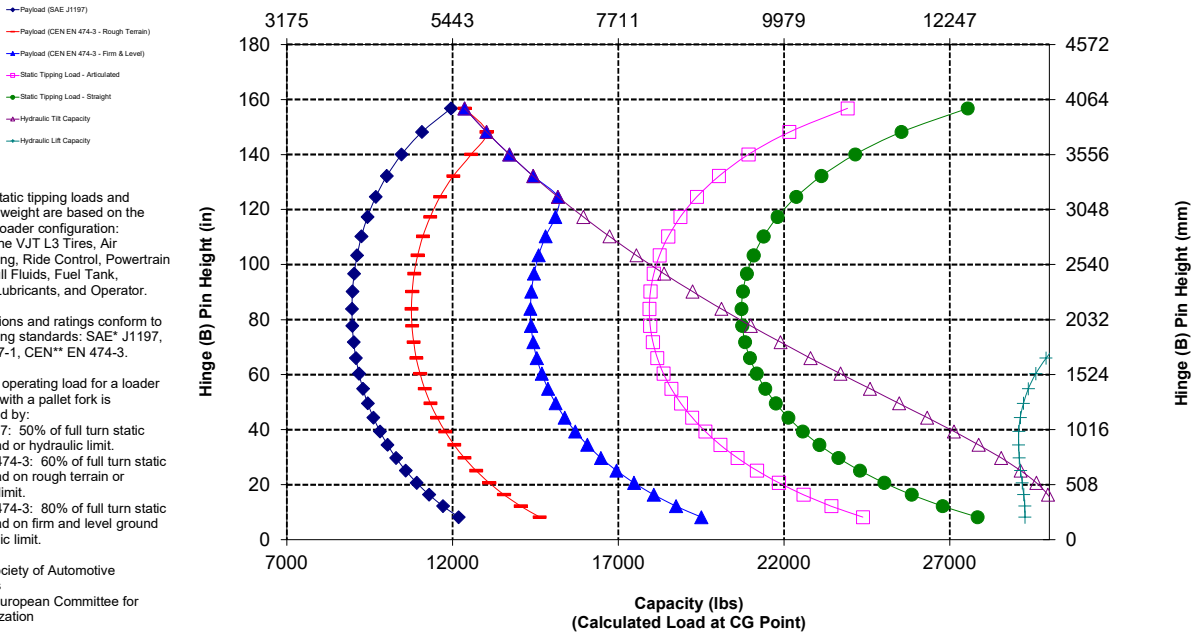
*Negative values indicate below grade

950 AUX

	87" Carriage	72" Tine
Pallet Fork, FUSION	530-1861	530-1869

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





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

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9121 20104
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7857 17317
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3929 8659
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4714 10390
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5832 12855
3	Maximum Overall Length	mm in	9180 361.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1972 77.6
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	18693 41200

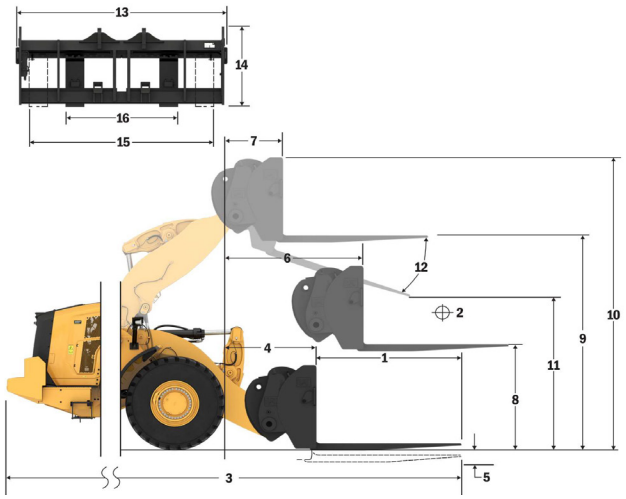
*Negative values indicate below grade

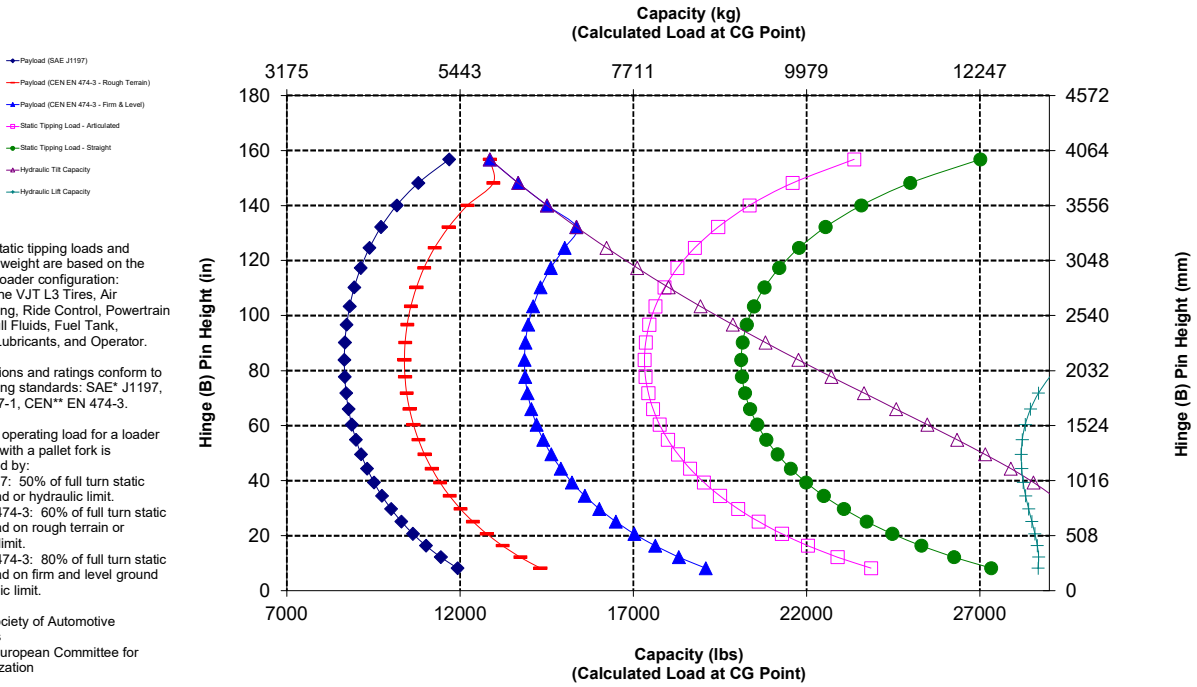
950 AUX

Construction Fork, FUSION

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

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





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

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

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

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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.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8664 19095
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7453 16428
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3727 8214
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4472 9857
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5159 11370
3	Maximum Overall Length	mm in	9485 373.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1723 67.8
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	18756 41339

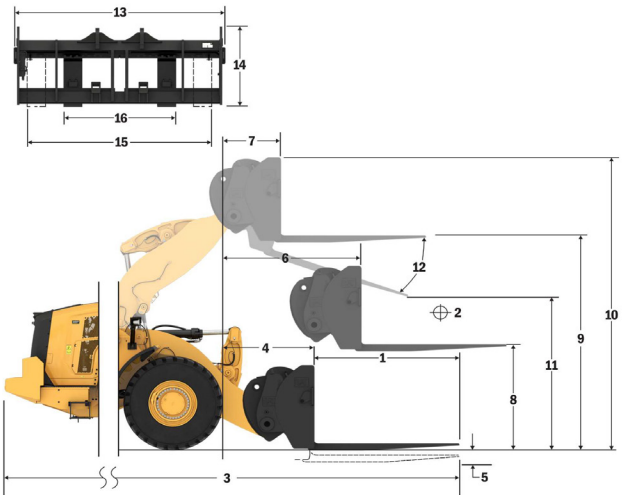
*Negative values indicate below grade

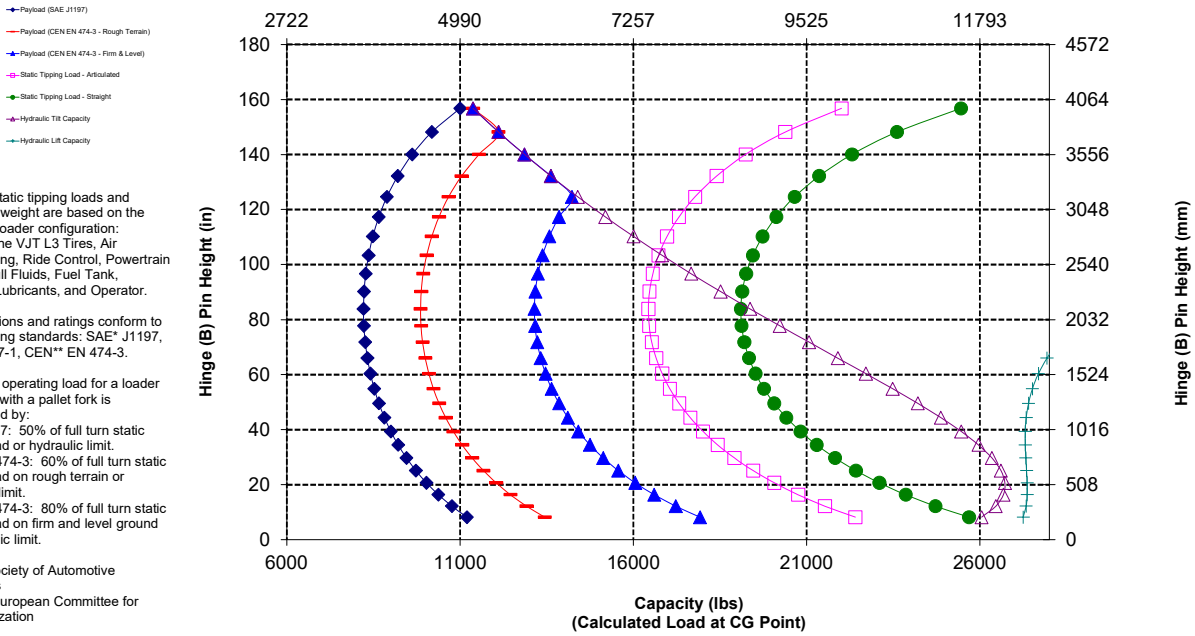
950 AUX

Construction Fork, FUSION

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

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





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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8241 18164
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7080 15605
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3540 7802
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4248 9363
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	4604 10146
3	Maximum Overall Length	mm in	9789 385.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1476 58.1
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	18818 41476

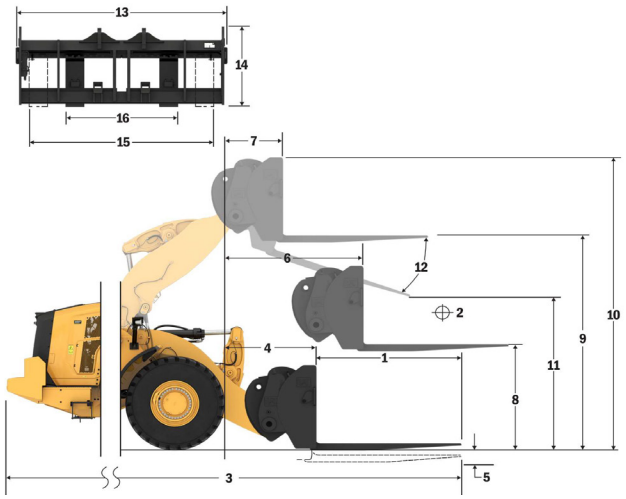
*Negative values indicate below grade

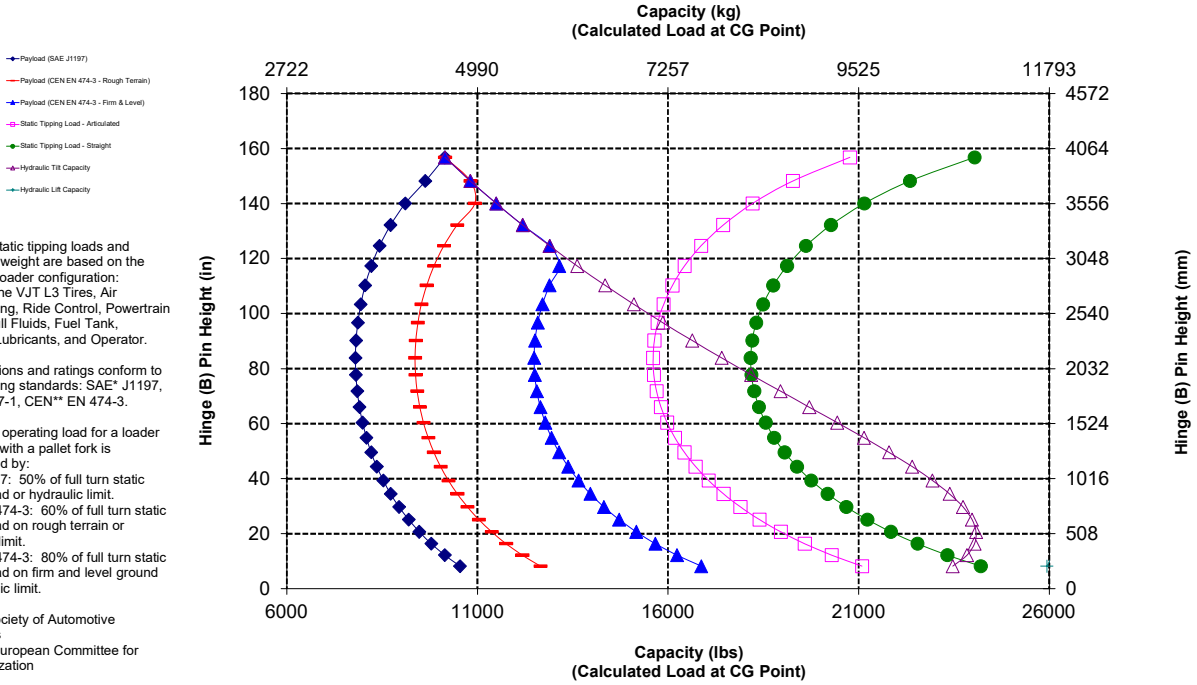
950 AUX

Construction Fork, FUSION

96" Carriage	96" Tine
520-7957	520-7981

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





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

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

The rated operating load for a loader equipped with a pallet fork is determined by:
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WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9087 20028
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7823 17242
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3911 8621
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4694 10345
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5824 12836
3	Maximum Overall Length	mm in	9180 361.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1972 77.6
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	18743 41310

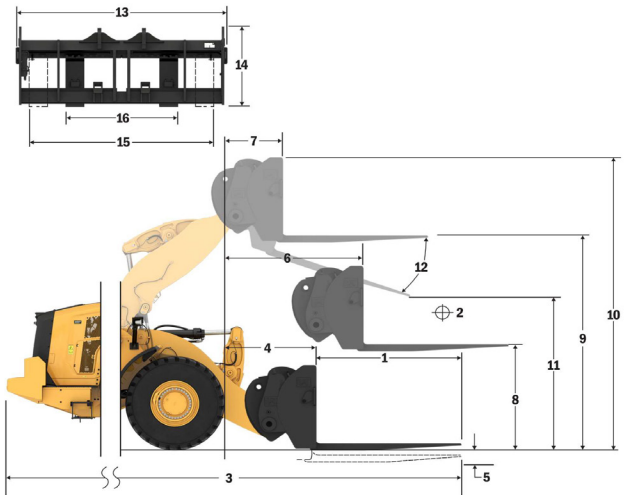
*Negative values indicate below grade

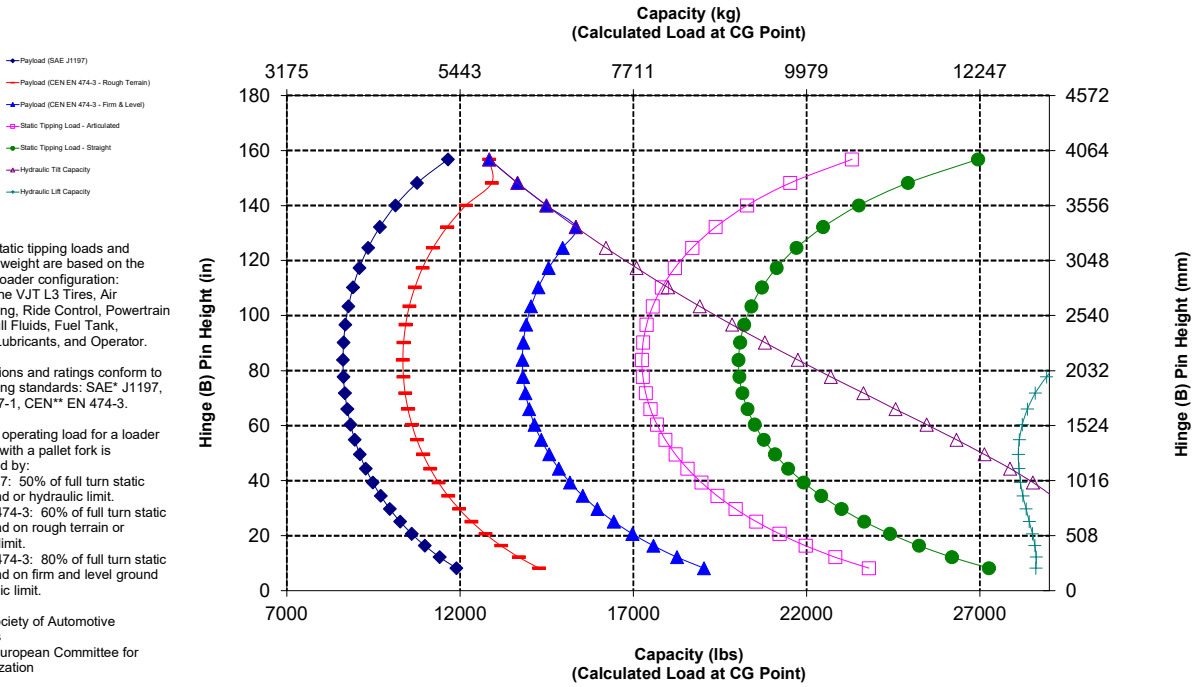
950 AUX

Construction Fork, FUSION

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

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





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

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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.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8632 19025
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7422 16357
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3711 8179
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4453 9814
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5152 11355
3	Maximum Overall Length	mm in	9485 373.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1723 67.8
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	18805 41447

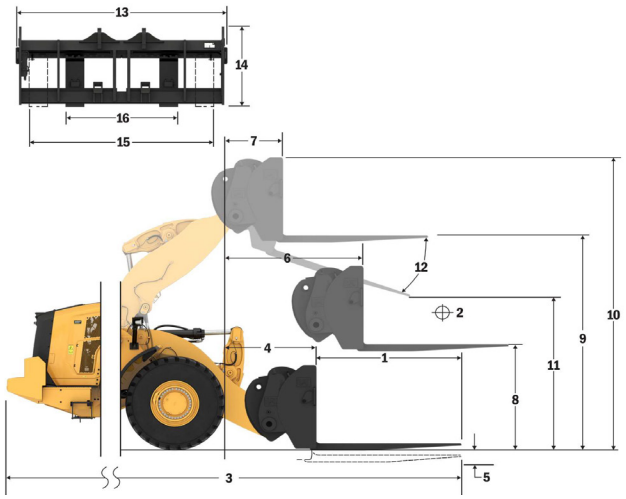
*Negative values indicate below grade

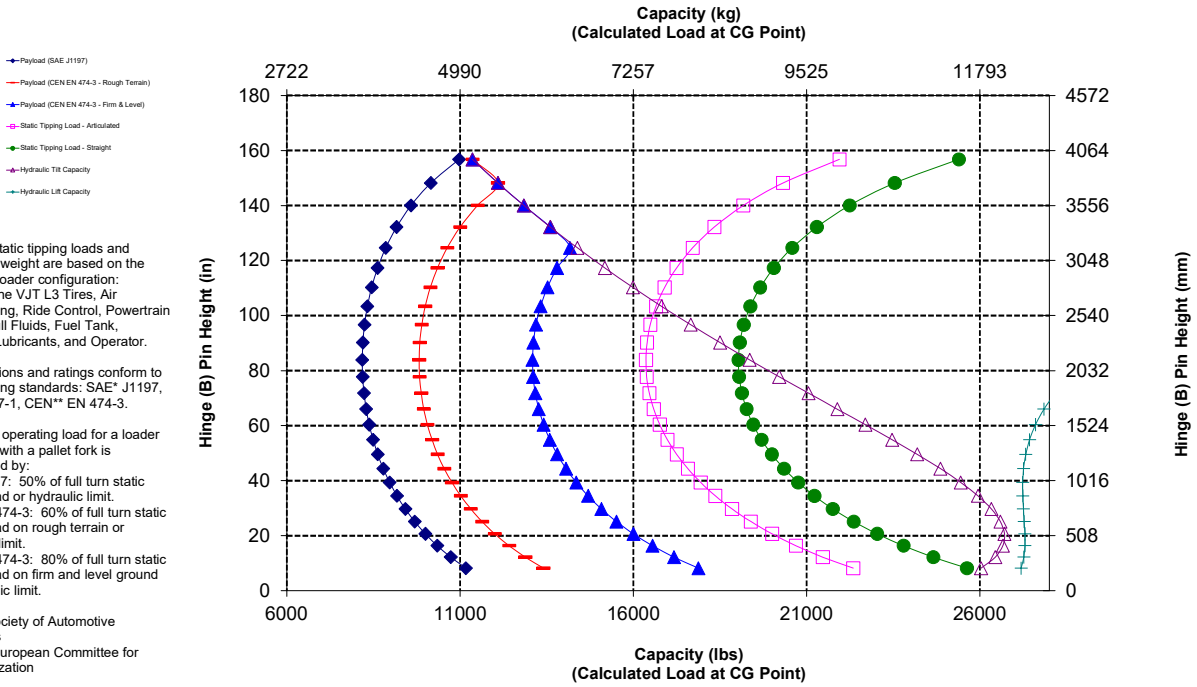
950 AUX

Construction Fork, FUSION

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

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





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

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

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

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

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

950 Wheel Loader Specifications

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8210 18094
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7049 15535
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3524 7768
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4229 9321
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	4597 10132
3	Maximum Overall Length	mm in	9789 385.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1476 58.1
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	18868 41586

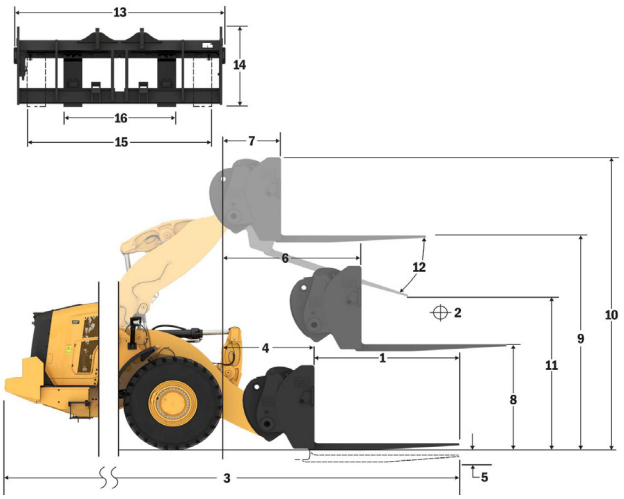
*Negative values indicate below grade

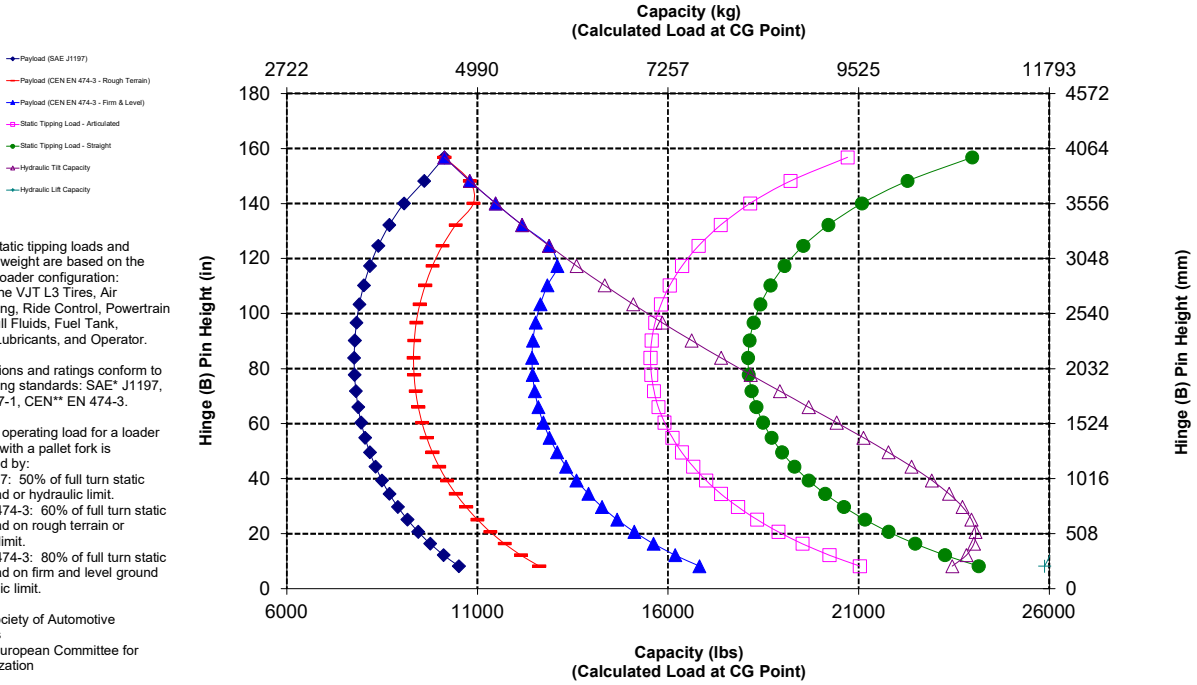
950 AUX

Construction Fork, FUSION

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

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





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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.

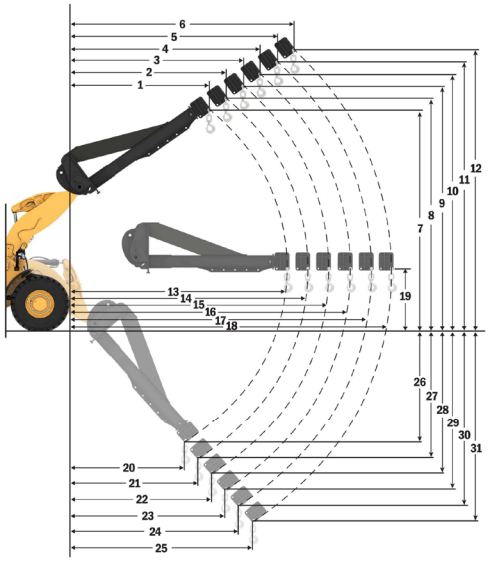
Material Handling Specifications

950 AUX

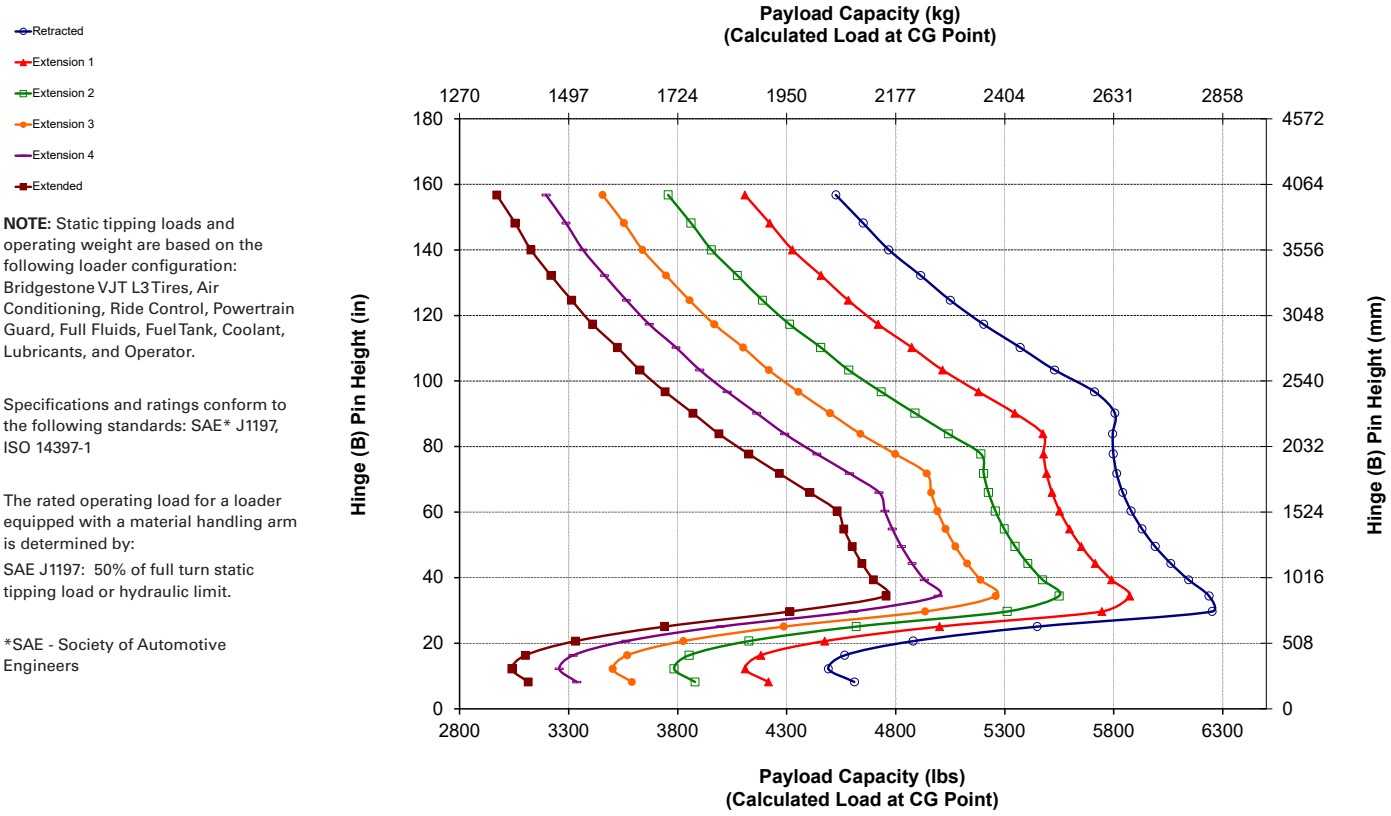
289-9885

Material Handling Arm, FUSION **6 Position**

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



MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	mm	2,103	2,234	2,365	2,495	2,626	2,757
	ft, in	6' 10"	7' 3"	7' 9"	8' 2"	8' 7"	9' 0"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	6,854	7,129	7,405	7,680	7,955	8,231
	ft, in	22' 5"	23' 4"	24' 3"	25' 2"	26' 1"	27' 0"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,540	4,845	5,150	5,454	5,759	6,064
	ft, in	14' 10"	15' 10"	16' 10"	17' 10"	18' 10"	19' 10"
Level - Hook Eyelet Height (19)	mm	1,813	1,813	1,813	1,813	1,813	1,813
	ft, in	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	1,315	1,407	1,499	1,591	1,683	1,774
	ft, in	4' 3"	4' 7"	4' 11"	5' 2"	5' 6"	5' 9"
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	mm	(3,004)	(3,295)	(3,585)	(3,876)	(4,167)	(4,457)
	ft, in	-9' 1"	-10' 2"	-11' 2"	-12' 3"	-13' 3"	-14' 4"
Static Tipping Load, Straight	kg	6,074	5,740	5,439	5,168	4,921	4,696
	lb	13,388	12,650	11,988	11,390	10,846	10,351
Static Tipping Load, Articulated	kg	5,274	4,982	4,720	4,484	4,269	4,073
	lb	11,623	10,981	10,404	9,883	9,409	8,977
Operating Weight	kg	18,015	18,015	18,015	18,015	18,015	18,015
	lb	39,706	39,706	39,706	39,706	39,706	39,706



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

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

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

*SAE - Society of Automotive Engineers

950 Wheel Loader Specifications

Standard and Optional Equipment

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

	Standard	Optional
POWERTRAIN		
Cat® C7.1 engine	✓	
Electric fuel priming pump	✓	
Fuel-water separator and secondary fuel filter	✓	
Engine, air precleaner	✓	
Turbine, air precleaner		✓
Radiator, high debris		✓
Cooling fan, reversible		✓
Axles, open/open differentials**	✓	
Axles, manual front locks**	✓	
Axles, auto differential locks front and rear**	✓	
Axles, ecology drains, AOC ready, extreme temperature seals		✓
Axles, oil cooler		✓
Transmission, countershaft, automatic powershift	✓	
Torque converter with lock-up	✓	
Service brakes, hydraulic, fully enclosed wet disc, wear indicators, integrated braking system (IBS)	✓	
Park brake, caliper on front axles, spring applied–pressure released	✓	
Brake pedal neutralizer with decel function	✓	
ONBOARD TECHNOLOGIES		
Autodig with auto set tires	✓	
Operator ID and machine security	✓	
Application profiles	✓	
Job aids	✓	
Controls help and eOMM	✓	
Cat Payload scale	✓	
Cat Advanced Payload		✓
Cat Payload Printer with E-ticket		✓
Key Features Inform	✓	
Bucket Carry Display Widget	✓	
Remote Flash	✓	

	Standard	Optional
OPERATOR ENVIRONMENT		
Cab, pressurized, sound suppression	✓	
Door, remote opening system**		✓
EH implement controls, parking brake	✓	
Footrest		✓
HMU steering wheel	✓	
Steering, joystick		✓
Implement joystick (2V, 3V only)		✓
Entertainment radio		✓
CB radio ready		✓
Seat belt, monitored	✓	
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		✓
Touchscreen display	✓	
Keypad, programmable buttons	✓	
Mirrors, heated		✓
Air conditioner, heater, defroster (auto temp, fan)	✓	
Sun visor, front, retractable	✓	
Sun visor, rear, retractable		✓
Windows, front, laminated	✓	
Windows, front, heavy duty		✓
Full cab window guard		✓

(continued on next page)

Standard and Optional Equipment *(continued)*

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

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

* Not all configurations available in all regions, subject to availability.
** Standard or optional depending on region. Consult your dealer.
*** Japan only.

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

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

* Engines with no aftertreatment devices can use higher blends, up to 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 (3.5 lb) of refrigerant, which has a CO_2 equivalent of 2.288 metric tonnes (2.522 tons).

Paint

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

Sound

Operator Sound Pressure Level (ISO 6396:2008)	72 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	107 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	69 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	104 dB(A)

* Including countries that adopt the EU and UK directives.

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

Oils and Fluids

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

Features and Technology

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

Recycling

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

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

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

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

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

Recyclability – 97%

950

Waste & Scrap Handler

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

Proven Reliability

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Durability

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

Achieve Greater Fuel Efficiency and Productivity

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

Safety Features

- Rear-vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and inclined steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear-vision camera provide industry leading all-around visibility.
- Monitored seat belt is standard and can be enhanced with an optional exterior indicator.
- Optional multiview (360˚) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 35%.*
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat app helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

Work in Comfort in the All New Cab

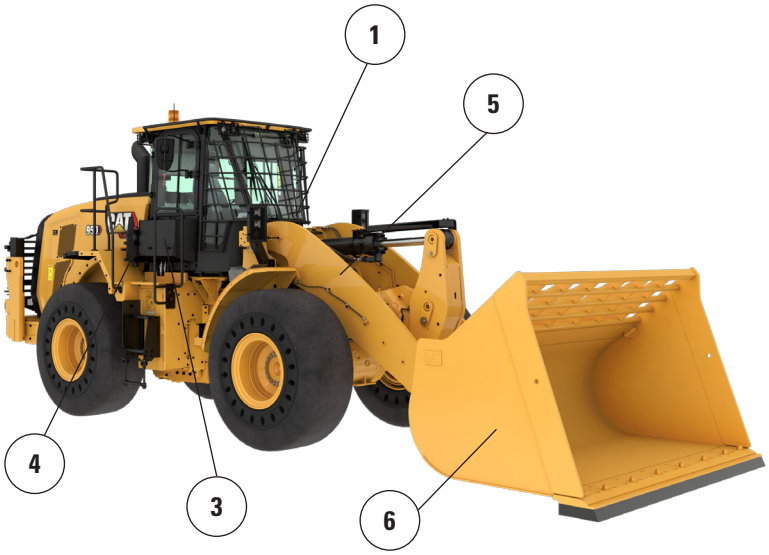
- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The standard hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. An optional seat-mounted electro-hydraulic joystick steering system (replaces the HMU steering wheel) is also available in many regions.

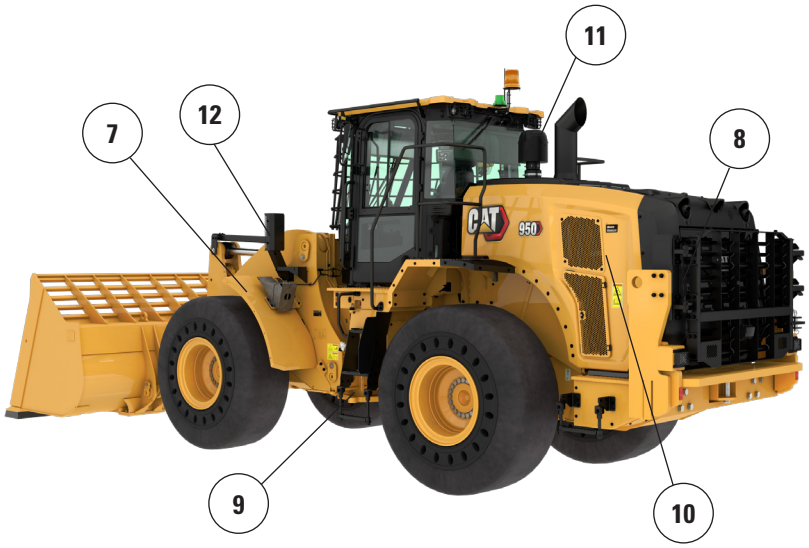
**Parts and fluids only.*

950 Waste & Scrap Handler Specifications

950 Waste and Scrap Handler Features

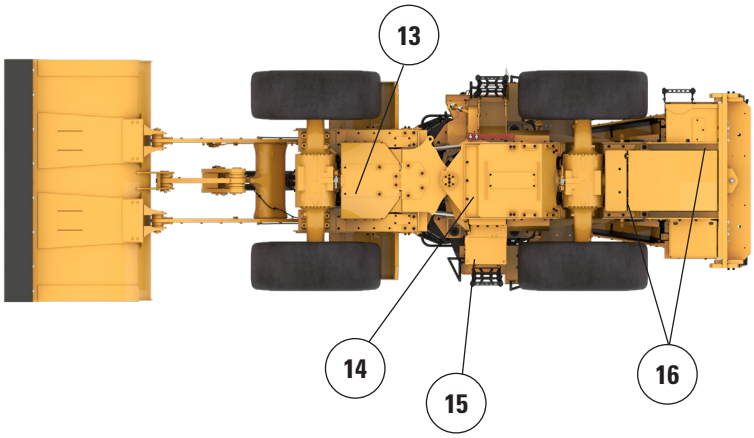
1. Optional window guarding to provide impact resistance to the glass
2. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
3. Carbon cab air filter removes harsh odors
4. Optional powered cab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





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

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



Tire Options

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

*Width over tire bulge and includes tire growth.

950 Waste & Scrap Handler Specifications

Operating Specifications – Buckets

Linkage			Standard Linkage								
Bucket Type			General Purpose – Pin-On								
	Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
	Capacity – Rated	m^3	2.70	2.70	2.50	3.10	3.10	2.90	3.30	3.30	3.10
		yd^3	3.50	3.50	3.25	4.00	4.00	3.75	4.25	4.25	4.00
	Capacity – Rated at 110% Fill Factor	m^3	3.00	3.00	2.80	3.40	3.40	3.20	3.60	3.60	3.40
		yd^3	4.00	4.00	3.75	4.50	4.50	4.25	4.75	4.75	4.50
	Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
		ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	2989	2874	2874	2909	2791	2791	2870	2752	2752
		ft/in	9'9"	9'5"	9'5"	9'6"	9'1"	9'1"	9'5"	9'0"	9'0"
17†	Reach at Maximum Lift and 45° Discharge	mm	1254	1368	1368	1310	1421	1421	1340	1450	1450
		ft/in	4'1"	4'5"	4'5"	4'3"	4'7"	4'7"	4'4"	4'9"	4'9"
	Reach at Level Lift Arm and Bucket Level	mm	2518	2679	2679	2618	2779	2779	2668	2829	2829
		ft/in	8'3"	8'9"	8'9"	8'7"	9'1"	9'1"	8'9"	9'3"	9'3"
A†	Digging Depth	mm	36	36	6	36	36	6	36	36	6
		in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
12†	Overall Length	mm	8126	8301	8301	8226	8401	8401	8276	8451	8451
		ft/in	26'8"	27'3"	27'3"	27'0"	27'7"	27'7"	27'2"	27'9"	27'9"
B†	Overall Height with Bucket at Maximum Lift	mm	5416	5416	5416	5378	5378	5378	5553	5553	5553
		ft/in	17'10"	17'10"	17'10"	17'8"	17'8"	17'8"	18'3"	18'3"	18'3"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6649	6731	6731	6676	6759	6759	6690	6773	6773
		ft/in	21'10"	22'1"	22'1"	21'11"	22'3"	22'3"	22'0"	22'3"	22'3"
	Static Tipping Load, Straight (No tire deflection)	kg	17 285	17 145	17 460	17 085	16 944	17 253	16 979	16 837	17 139
		lb	38,107	37,800	38,493	37,667	37,355	38,037	37,432	37,119	37,785
	Static Tipping Load, Articulated (No tire deflection)	kg	15 119	14 979	15 272	14 931	14 790	15 077	14 832	14 690	14 970
		lb	33,332	33,024	33,669	32,918	32,606	33,239	32,699	32,386	33,003
	Breakout Force (§)	kN	166	165	182	152	151	165	146	145	158
		lbf	37,358	37,109	40,920	34,234	33,986	37,237	32,840	32,593	35,613
	Operating Weight*	kg	22 148	22 256	22 099	22 237	22 345	22 188	22 282	22 390	22 233
		lb	48,827	49,065	48,719	49,023	49,261	48,915	49,123	49,361	49,015

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage					
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m^3	3.40	3.40	3.20	3.60	3.60	3.40
	yd^3	4.50	4.50	4.25	4.75	4.75	4.50
Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	3.50	4.00	4.00	3.70
	yd^3	4.75	4.75	4.50	5.25	5.25	4.75
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2844	2725	2725	2798	2679	2679
	ft/in	9'3"	8'11"	8'11"	9'2"	8'9"	8'9"
17† Reach at Maximum Lift and 45° Discharge	mm	1362	1472	1472	1398	1508	1508
	ft/in	4'5"	4'9"	4'9"	4'7"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level	mm	2703	2864	2864	2763	2924	2924
	ft/in	8'10"	9'4"	9'4"	9'0"	9'7"	9'7"
A† Digging Depth	mm	36	36	6	36	36	6
	in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
12† Overall Length	mm	8311	8486	8486	8371	8546	8546
	ft/in	27'4"	27'11"	27'11"	27'6"	28'1"	28'1"
B† Overall Height with Bucket at Maximum Lift	mm	5582	5582	5582	5640	5640	5640
	ft/in	18'4"	18'4"	18'4"	18'7"	18'7"	18'7"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6700	6783	6783	6717	6800	6800
	ft/in	22'0"	22'4"	22'4"	22'1"	22'4"	22'4"
Static Tipping Load, Straight (No tire deflection)	kg	16 912	16 769	17 061	16 783	16 640	16 931
	lb	37,284	36,970	37,614	37,002	36,685	37,328
Static Tipping Load, Articulated (No tire deflection)	kg	14 769	14 626	14 897	14 648	14 505	14 775
	lb	32,560	32,245	32,843	32,294	31,978	32,573
Breakout Force (§)	kN	142	140	153	135	134	146
	lbf	31,924	31,677	34,550	30,449	30,202	32,849
Operating Weight*	kg	22 312	22 420	22 263	22 370	22 478	22 321
	lb	49,189	49,427	49,081	49,317	49,555	49,209

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage		
Bucket Type		**General Purpose – Hook-On – Fusion**		
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Tips**
Capacity – Rated	m^3	3.40	3.40	3.20
	yd^3	4.50	4.50	4.25
Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	3.50
	yd^3	4.75	4.75	4.50
Width	mm	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2802	2683	2683
	ft/in	9'2"	8'9"	8'9"
17† Reach at Maximum Lift and 45° Discharge	mm	1398	1508	1508
	ft/in	4'7"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level	mm	2758	2919	2919
	ft/in	9'0"	9'6"	9'6"
A† Digging Depth	mm	44	44	14
	in	1.7"	1.7"	0.5"
12† Overall Length	mm	8373	8548	8548
	ft/in	27'6"	28'1"	28'1"
B† Overall Height with Bucket at Maximum Lift	mm	5601	5601	5601
	ft/in	18'5"	18'5"	18'5"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6715	6799	6799
	ft/in	22'1"	22'4"	22'4"
Static Tipping Load, Straight (No tire deflection)	kg	16 235	16 093	16 457
	lb	35,793	35,479	36,282
Static Tipping Load, Articulated (No tire deflection)	kg	14 125	13 983	14 326
	lb	31,141	30,828	31,585
Breakout Force (§)	kN	135	134	146
	lbf	30,521	30,272	32,933
Operating Weight*	kg	22 791	22 899	22 742
	lb	50,245	50,483	50,137

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		Standard Linkage		
Bucket Type		**Waste, Load, and Carry – Hook-On – Fusion**		
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Tips**
Capacity – Rated	m^3	5.20	5.20	5.00
	yd^3	6.75	6.75	6.50
Capacity – Rated at 110% Fill Factor	m^3	5.70	5.70	5.50
	yd^3	7.50	7.50	7.25
Width	mm	3059	3138	3138
	ft/in	10'0"	10'3"	10'3"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2769	2608	2608
	ft/in	9'1"	8'6"	8'6"
17† Reach at Maximum Lift and 45° Discharge	mm	1280	1403	1403
	ft/in	4'2"	4'7"	4'7"
Reach at Level Lift Arm and Bucket Level	mm	2714	2916	2916
	ft/in	8'10"	9'6"	9'6"
A† Digging Depth	mm	49	49	14
	in	1.9"	1.9"	0.5"
12† Overall Length	mm	8334	8557	8557
	ft/in	27'5"	28'1"	28'1"
B† Overall Height with Bucket at Maximum Lift	mm	6138	6138	6138
	ft/in	20'2"	20'2"	20'2"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6765	6869	6869
	ft/in	22'3"	22'7"	22'7"
Static Tipping Load, Straight (No tire deflection)	kg	17 517	17 286	17 660
	lb	38,619	38,110	38,934
Static Tipping Load, Articulated (No tire deflection)	kg	15 202	14 971	15 324
	lb	33,515	33,005	33,784
Breakout Force (§)	kN	137	136	146
	lbf	30,957	30,571	32,832
Operating Weight*	kg	23 199	23 358	23 207
	lb	51,144	51,494	51,162

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage								
Bucket Type		General Purpose – Pin-On								
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Tips**	**Bolt-On Cutting Edges**	**Teeth and Segments**	**Tips**	**Bolt-On Cutting Edges**	**Teeth and Segments**	**Tips**
Capacity – Rated	m^3	2.70	2.70	2.50	3.10	3.10	2.90	3.30	3.30	3.10
	yd^3	3.50	3.50	3.25	4.00	4.00	3.75	4.25	4.25	4.00
Capacity – Rated at 110% Fill Factor	m^3	3.00	3.00	2.80	3.40	3.40	3.20	3.60	3.60	3.40
	yd^3	4.00	4.00	3.75	4.50	4.50	4.25	4.75	4.75	4.50
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3484	3369	3369	3404	3287	3287	3365	3247	3247
	ft/in	11'5"	11'0"	11'0"	11'2"	10'9"	10'9"	11'0"	10'7"	10'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1322	1436	1436	1378	1489	1489	1407	1518	1518
	ft/in	4'4"	4'8"	4'8"	4'6"	4'10"	4'10"	4'7"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level	mm	2924	3085	3085	3024	3185	3185	3074	3235	3235
	ft/in	9'7"	10'1"	10'1"	9'11"	10'5"	10'5"	10'1"	10'7"	10'7"
A† Digging Depth	mm	58	58	28	58	58	28	58	58	28
	in	2.2"	2.2"	1.1"	2.2"	2.2"	1.1"	2.2"	2.2"	1.1"
12† Overall Length	mm	8636	8808	8808	8736	8908	8908	8786	8958	8958
	ft/in	28'4"	28'11"	28'11"	28'8"	29'3"	29'3"	28'10"	29'5"	29'5"
B† Overall Height with Bucket at Maximum Lift	mm	5911	5911	5911	5874	5874	5874	6048	6048	6048
	ft/in	19'5"	19'5"	19'5"	19'4"	19'4"	19'4"	19'11"	19'11"	19'11"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6845	6926	6926	6872	6954	6954	6886	6968	6968
	ft/in	22'6"	22'9"	22'9"	22'7"	22'10"	22'10"	22'8"	22'11"	22'11"
Static Tipping Load, Straight (No tire deflection)	kg	14 891	14 756	14 990	14 780	14 644	14 875	14 722	14 586	14 809
	lb	32,828	32,533	33,049	32,584	32,286	32,795	32,457	32,157	32,650
Static Tipping Load, Articulated (No tire deflection)	kg	12 958	12 824	13 044	12 849	12 714	12 931	12 792	12 656	12 867
	lb	28,568	28,273	28,759	28,328	28,030	28,508	28,203	27,903	28,366
Breakout Force (§)	kN	157	156	172	144	142	156	138	136	149
	lbf	35,340	35,059	38,679	32,372	32,095	35,185	31,048	30,773	33,644
Operating Weight*	kg	22 716	22 824	22 667	22 805	22 913	22 756	22 850	22 958	22 801
	lb	50,079	50,317	49,971	50,275	50,513	50,167	50,374	50,613	50,266

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage					
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m^3	3.40	3.40	3.20	3.60	3.60	3.40
	yd^3	4.50	4.50	4.25	4.75	4.75	4.50
Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	3.50	4.00	4.00	3.70
	yd^3	4.75	4.75	4.50	5.25	5.25	4.75
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3339	3221	3221	3293	3174	3174
	ft/in	10'11"	10'6"	10'6"	10'9"	10'4"	10'4"
17† Reach at Maximum Lift and 45° Discharge	mm	1430	1540	1540	1466	1576	1576
	ft/in	4'8"	5'0"	5'0"	4'9"	5'2"	5'2"
Reach at Level Lift Arm and Bucket Level	mm	3109	3270	3270	3169	3330	3330
	ft/in	10'2"	10'8"	10'8"	10'4"	10'11"	10'11"
A† Digging Depth	mm	58	58	28	58	58	28
	in	2.2"	2.2"	1.1"	2.2"	2.2"	1.1"
12† Overall Length	mm	8821	8993	8993	8881	9053	9053
	ft/in	29'0"	29'7"	29'7"	29'2"	29'9"	29'9"
B† Overall Height with Bucket at Maximum Lift	mm	6077	6077	6077	6136	6136	6136
	ft/in	20'0"	20'0"	20'0"	20'2"	20'2"	20'2"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6896	6978	6978	6913	6995	6995
	ft/in	22'8"	22'11"	22'11"	22'9"	23'0"	23'0"
Static Tipping Load, Straight (No tire deflection)	kg	14 685	14 548	14 766	14 611	14 473	14 691
	lb	32,374	32,073	32,554	32,212	31,909	32,388
Static Tipping Load, Articulated (No tire deflection)	kg	12 755	12 619	12 824	12 683	12 546	12 750
	lb	28,122	27,821	28,273	27,962	27,660	28,109
Breakout Force (§)	kN	134	133	145	128	126	138
	lbf	30,178	29,904	32,636	28,776	28,503	31,021
Operating Weight*	kg	22 880	22 988	22 831	22 938	23 046	22 889
	lb	50,441	50,679	50,333	50,568	50,807	50,460

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

† Illustration shown with Dimension charts.

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

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

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

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Operating Specifications – Buckets *(continued)*

Linkage			High Lift Linkage		
Bucket Type			General Purpose – Hook-On – Fusion		
Edge Type			Bolt-On Cutting Edges	Teeth and Segments	Tips
	Capacity – Rated	m^3	3.40	3.40	3.20
		yd^3	4.50	4.50	4.25
	Capacity – Rated at 110% Fill Factor	m^3	3.70	3.70	3.50
		yd^3	4.75	4.75	4.50
	Width	mm	2927	2994	2994
		ft/in	9'7"	9'9"	9'9"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	3297	3179	3179
		ft/in	10'9"	10'5"	10'5"
17†	Reach at Maximum Lift and 45° Discharge	mm	1466	1576	1576
		ft/in	4'9"	5'2"	5'2"
	Reach at Level Lift Arm and Bucket Level	mm	3164	3325	3325
		ft/in	10'4"	10'10"	10'10"
A†	Digging Depth	mm	66	66	36
		in	2.6"	2.6"	1.4"
12†	Overall Length	mm	8881	9054	9054
		ft/in	29'2"	29'9"	29'9"
B†	Overall Height with Bucket at Maximum Lift	mm	6096	6096	6096
		ft/in	20'0"	20'0"	20'0"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6913	6996	6996
		ft/in	22'9"	23'0"	23'0"
	Static Tipping Load, Straight (No tire deflection)	kg	14 087	13 951	14 244
		lb	31,058	30,757	31,403
	Static Tipping Load, Articulated (No tire deflection)	kg	12 179	12 042	12 322
		lb	26,850	26,549	27,167
	Breakout Force (§)	kN	128	127	138
		lbf	28,829	28,555	31,086
	Operating Weight*	kg	23 359	23 467	23 310
		lb	51,497	51,735	51,389

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

† Illustration shown with Dimension charts.

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

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

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

Operating Specifications – Buckets *(continued)*

Linkage		High Lift Linkage		
Bucket Type		**Waste, Load, and Carry – Hook-On – Fusion**		
Edge Type		**Bolt-On Cutting Edges**	**Teeth and Segments**	**Tips**
Capacity – Rated	m^3	5.20	5.20	5.00
	yd^3	6.75	6.75	6.50
Capacity – Rated at 110% Fill Factor	m^3	5.70	5.70	5.50
	yd^3	7.50	7.50	7.25
Width	mm	3059	3138	3138
	ft/in	10'0"	10'3"	10'3"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3265	3103	3103
	ft/in	10'8"	10'2"	10'2"
17† Reach at Maximum Lift and 45° Discharge	mm	1347	1471	1471
	ft/in	4'5"	4'9"	4'9"
Reach at Level Lift Arm and Bucket Level	mm	3120	3322	3322
	ft/in	10'2"	10'10"	10'10"
A† Digging Depth	mm	71	71	36
	in	2.8"	2.8"	1.4"
12† Overall Length	mm	8842	9061	9061
	ft/in	29'1"	29'9"	29'9"
B† Overall Height with Bucket at Maximum Lift	mm	6634	6634	6634
	ft/in	21'10"	21'10"	21'10"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6961	7064	7064
	ft/in	22'11"	23'3"	23'3"
Static Tipping Load, Straight (No tire deflection)	kg	15 187	14 965	15 280
	lb	33,481	32,993	33,687
Static Tipping Load, Articulated (No tire deflection)	kg	13 088	12 866	13 167
	lb	28,855	28,366	29,028
Breakout Force (§)	kN	129	128	137
	lbf	29,205	28,780	30,929
Operating Weight*	kg	23 767	23 926	23 775
	lb	52,396	52,746	52,414

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

† Illustration shown with Dimension charts.

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

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

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

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

950

Forestry Machine

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

Proven Reliability

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Features an electric fuel priming pump, fuel-water separator, and secondary filtration system.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Durability

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

Achieve Greater Fuel Efficiency and Productivity

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

Safety Features

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.

Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 35%.*
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat app helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

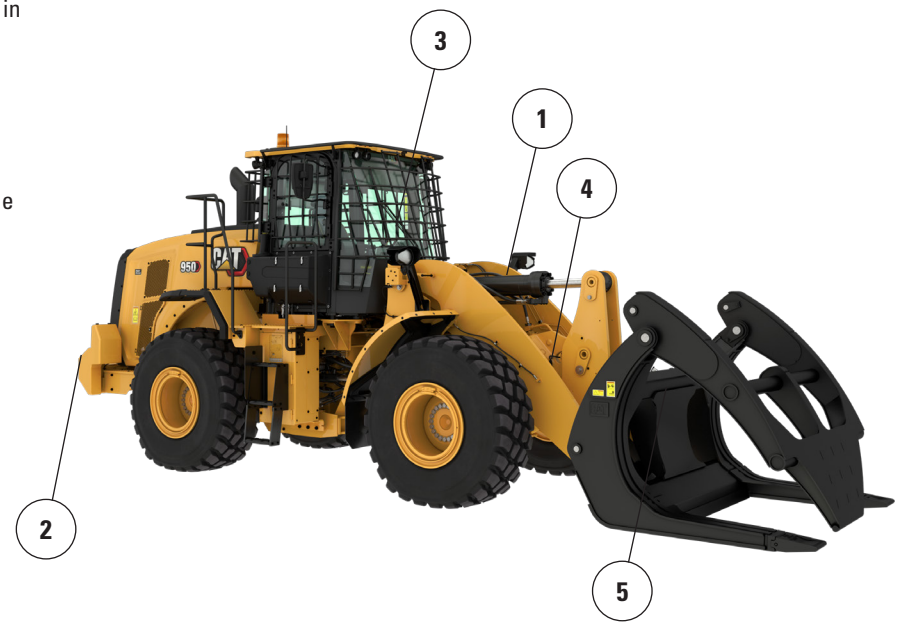
Work in Comfort in the All New Cab

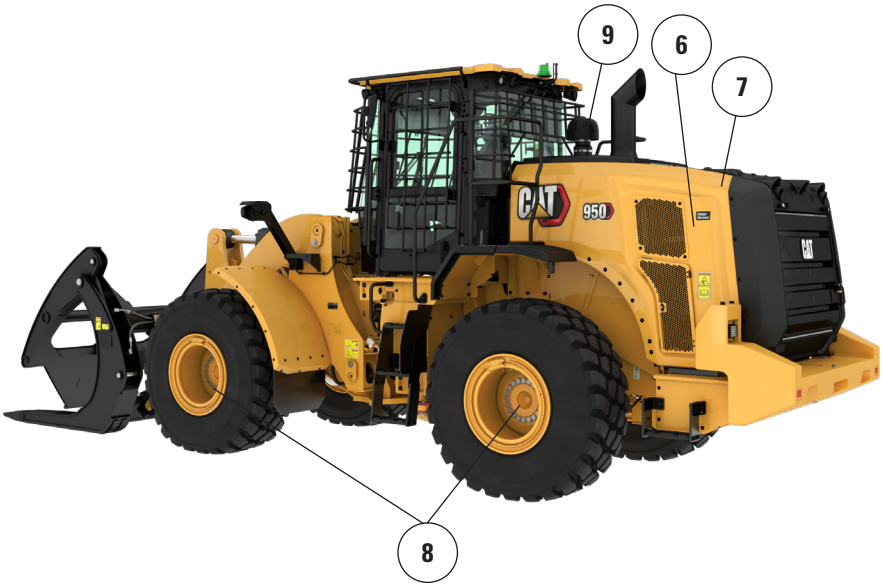
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The standard hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. An optional seat-mounted electro-hydraulic joystick steering system (replaces the HMU steering wheel) is also available in many regions.

**Parts and fluids only.*

950 Forestry Machine Features

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





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

Tire Options

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

*Width over tire bulge and includes tire growth.

Operating Specifications – Buckets

Linkage		Forestry Linkage
Bucket Type		**Woodchip – Hook-On – Fusion**
Edge Type		**Bolt-On Cutting Edges**
Capacity – Rated	m^3	9.20
	yd^3	12.00
Capacity – Rated at 110% Fill Factor	m^3	10.10
	yd^3	13.25
Width	mm	3330
	ft/in	10'11"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2247
	ft/in	7'4"
17† Reach at Maximum Lift and 45° Discharge	mm	1766
	ft/in	5'9"
Reach at Level Lift Arm and Bucket Level	mm	3386
	ft/in	11'1"
A† Digging Depth	mm	104
	in	4.1"
12† Overall Length	mm	9007
	ft/in	29'7"
B† Overall Height with Bucket at Maximum Lift	mm	6331
	ft/in	20'10"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7079
	ft/in	23'3"
Static Tipping Load, Straight (With tire deflection)	kg	12 520
	lb	27,603
Static Tipping Load, Straight (No tire deflection)	kg	13 412
	lb	29,569
Static Tipping Load, Articulated (With tire deflection)	kg	10 649
	lb	23,478
Static Tipping Load, Articulated (No tire deflection)	kg	11 543
	lb	25,449
Breakout Force (§)	kN	134
	lbf	30,190
Operating Weight*	kg	19 580
	lb	43,166

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

† Illustration shown with Dimension charts.

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine length	mm in	1614 63.5
2	Fork width	mm in	2280 89.8
	End area	m2 ft2	1.93 21
3	Inside Height (only applies to double top clamp)	mm in	1391 55
4	Min. opening (only applies to millyard forks)	mm in	N/A N/A
	Operating Weight	kg lbs	19076 42055
5	Distance inside of tine tips	mm in	1744 69
	Static tipping load, articulated Fork level	kg lbs	8427 18579.2
	Static tipping load, straight Fork level	kg lbs	9845 21703.4
6	Max. height of fork (w/clamp open if applicable)	mm in	2932 115.4
7	Clearance w/full lift, 45 deg dump (if max. dump <> 45)	mm in	2589 101.9
8	Clearance @ full lift fork level	mm in	3717 146.3
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm in	1493 58.8
10	Reach w/lift arm horizontal and fork level	mm in	2951 116.2
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-57 -2.2
12	Width over tines	mm in	2268 89.3
13	Reach @ ground level	mm in	2304 91
14	Max. opening across tine and clamp	mm in	2530 99.6
15	Overall height of fork @ full lift and clamp open	mm in	6649 261.8
16	Overall length Tip of tine to rear of machine	mm in	8531 335.9
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2534 99.8
18	Clearance w/horizontal lift arms and fork level	mm in	1788.1 70.4
19	Reach @ full lift and fork level	mm in	2179.1 85.8
20	Max. discharge angle from horizontal	deg rad	48 0.8

*Negative values indicate below grade

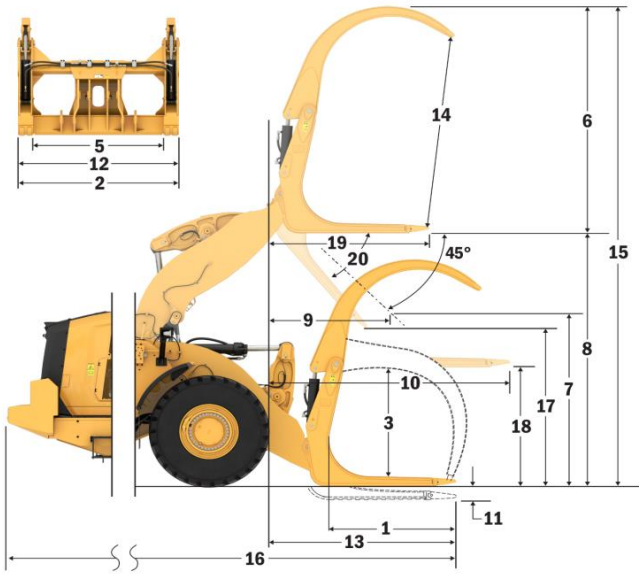
950 LOG

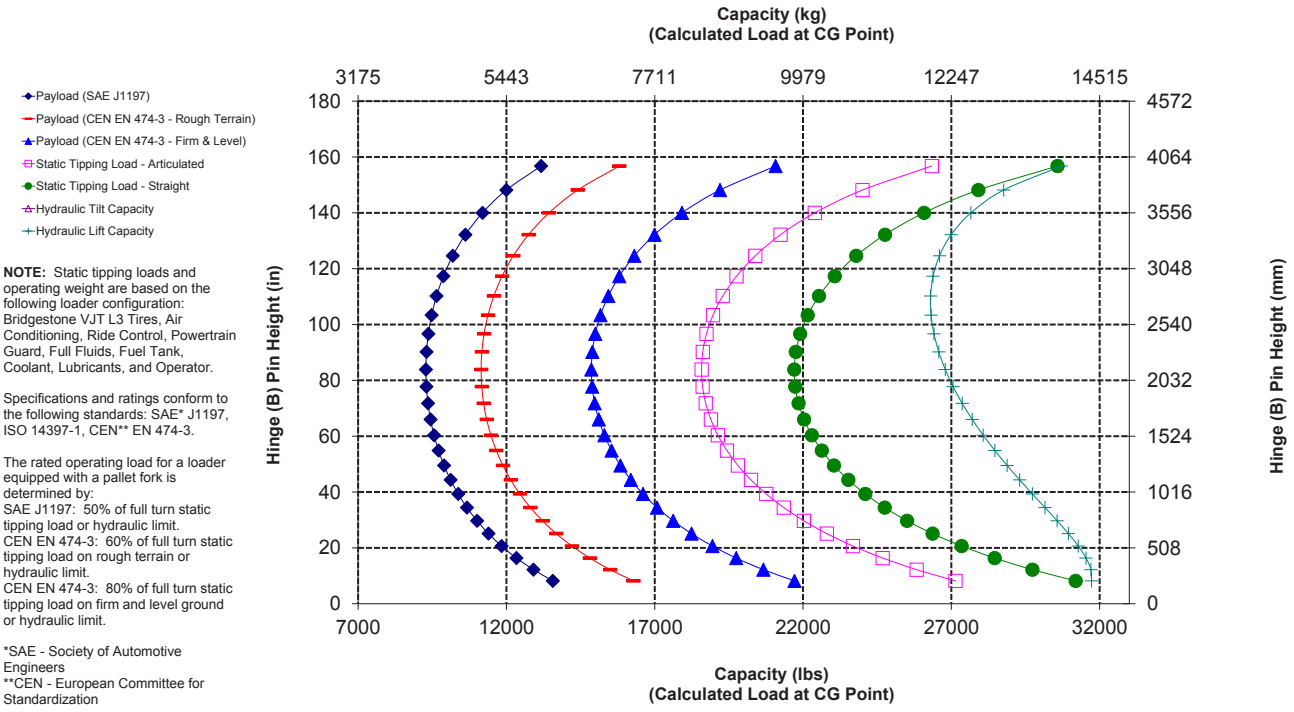
64" Tine

Logging Fork, Pin-On

257-1959

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





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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	914 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8071 17789
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6849 15096
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3425 7548
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4110 9058
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5480 12077
3	Maximum Overall Length	mm in	9218 362.9
4	Reach with Forks at Ground Level	mm in	1163 45.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-64 -2.5
6	Reach with Arms Horizontal and Forks Level	mm in	1743 68.6
7	Reach with Fork at Maximum Height	mm in	970 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1857 73.1
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3786 149.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5030 198.0
11	Clearance at Full Lift and Max Dump	mm in	1892 74.5
12	Max Discharge Angle from Horizontal	deg	57
13	Overall Carriage Width	mm in	2813 110.7
14	Overall Carriage Height	mm in	1321 52.0
15	Outside Tine Width (max spread)	mm in	2686 105.7
16	Outside Tine Width (min spread)	mm in	2686 105.7
	Tine Width (single tine)	mm in	203.2 8.0
	Tine Thickness	mm in	76.2 3.0
	Operating Weight	kg lbs	19355 42658
	Active-Clamp Tine Lift Capacity	kg lbs	7076 15596
	Tine Capacity	kg lbs	11794 25994

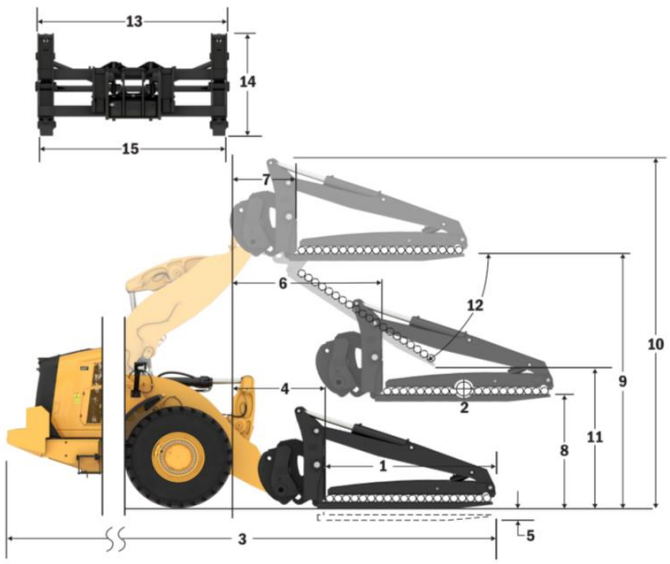
*Negative values indicate below grade

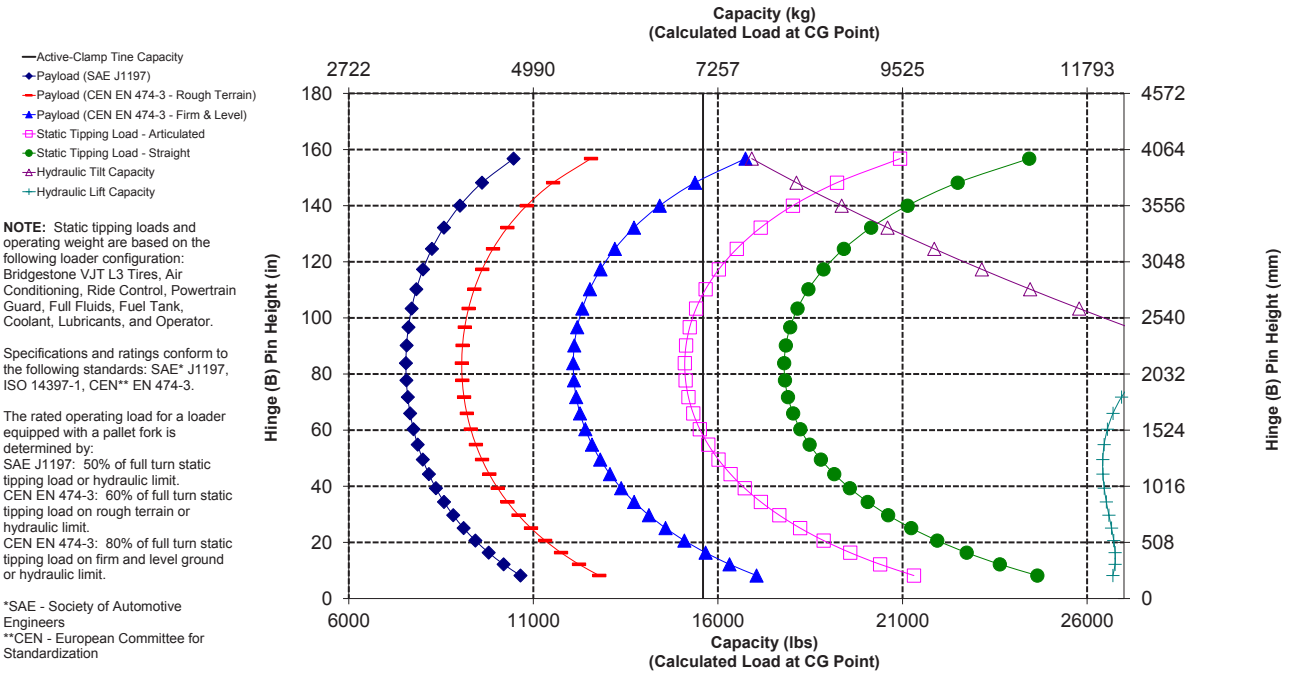
950 LOG

106" Carriage 72" Tine

Pipe & Pole – Small, FUSION **365-1316**

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





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

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

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

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

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

NOTICE: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7076 kg (15596 lbs.) at 914 mm (36") load center per pair.

Fork Specifications

Fork Specifications

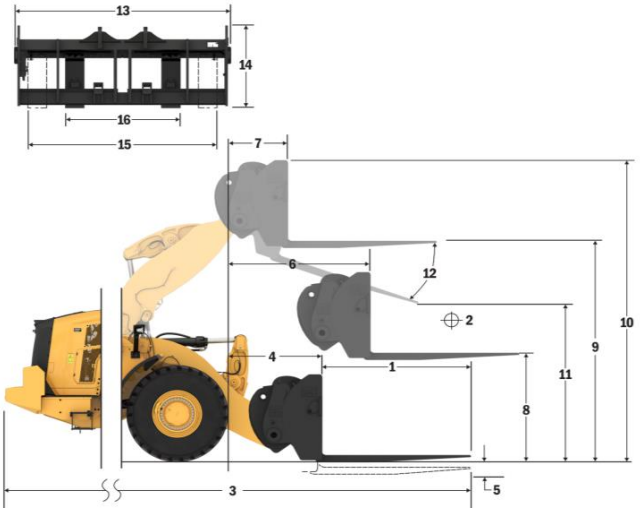
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9228 20339
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7994 17619
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3997 8809
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4796 10571
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6395 14095
3	Maximum Overall Length	mm in	9227 363.3
4	Reach with Forks at Ground Level	mm in	1170 46.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-167 -6.6
6	Reach with Arms Horizontal and Forks Level	mm in	1682 66.2
7	Reach with Fork at Maximum Height	mm in	910 35.8
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1743 68.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3671 144.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4446 175.1
11	Clearance at Full Lift and Max Dump	mm in	2042 80.4
12	Max Discharge Angle from Horizontal	deg	48
13	Overall Carriage Width	mm in	2217 87.3
14	Overall Carriage Height	mm in	840 33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm in	65.0 2.6
	Tine Capacity	kg lbs	5246 11562
	Operating Weight	kg lbs	18285 40300

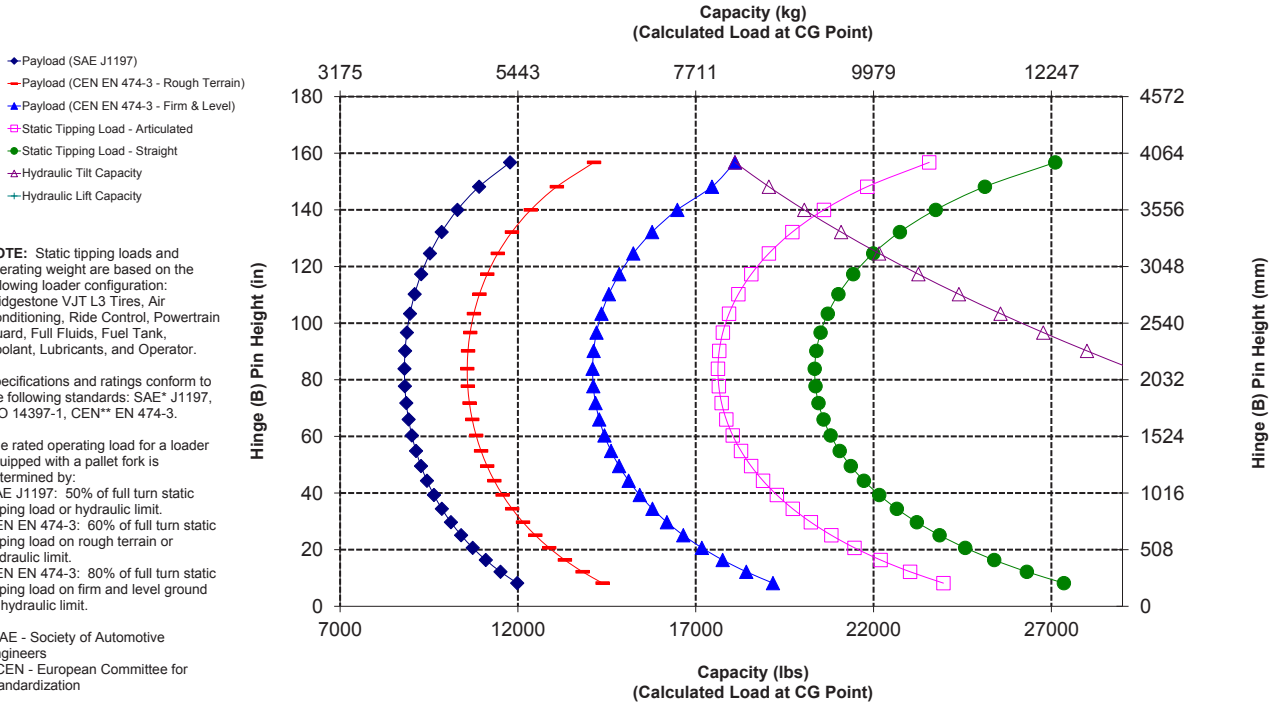
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	87" Carriage	72" Tine
	530-1861	530-1869

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





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

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8953 19732
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7716 17005
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3858 8503
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4629 10203
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6172 13604
3	Maximum Overall Length	mm in	9180 361.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1972 77.6
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	18674 41157

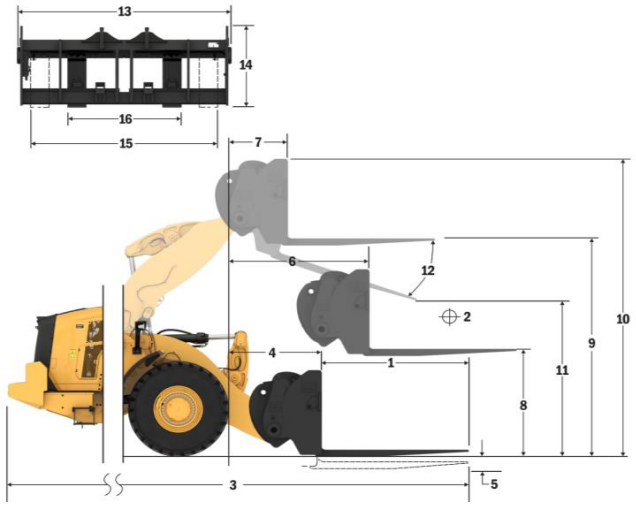
*Negative values indicate below grade

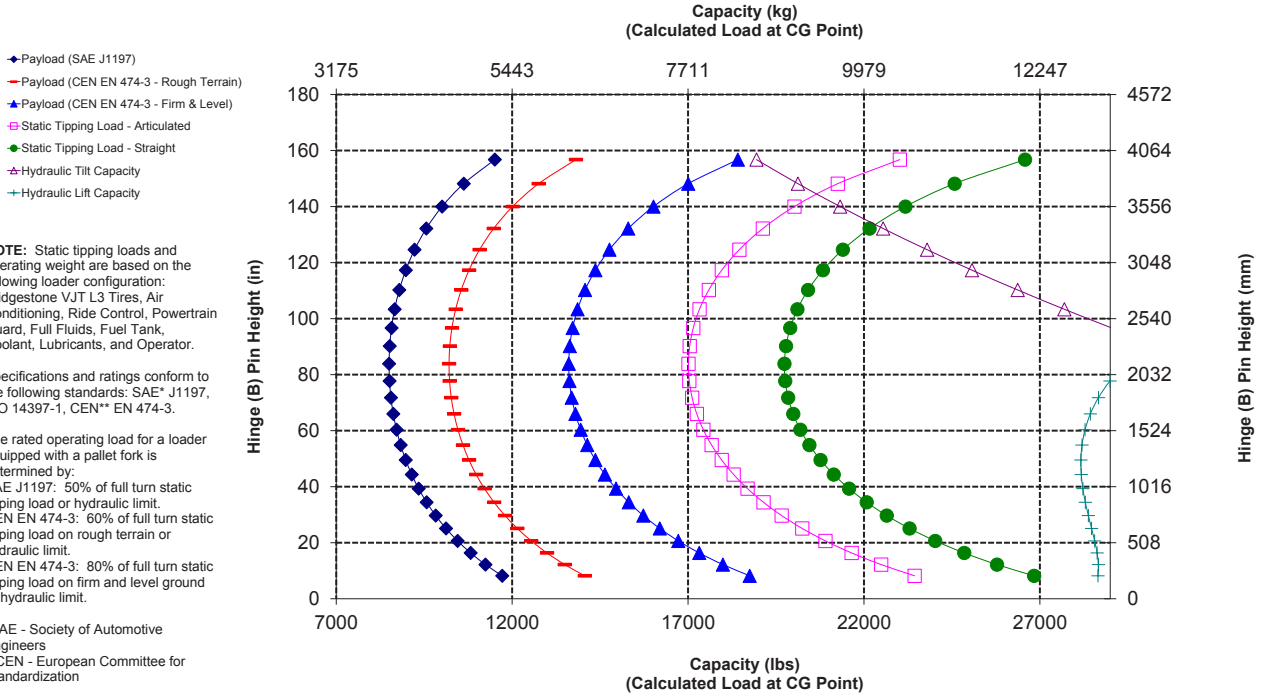
950 LOG

Construction Fork, FUSION

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

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





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

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

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

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

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

950 Forestry Machine Specifications

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8502 18739
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7318 16128
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3659 8064
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4391 9677
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5854 12903
3	Maximum Overall Length	mm in	9485 373.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1723 67.8
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	18737 41296

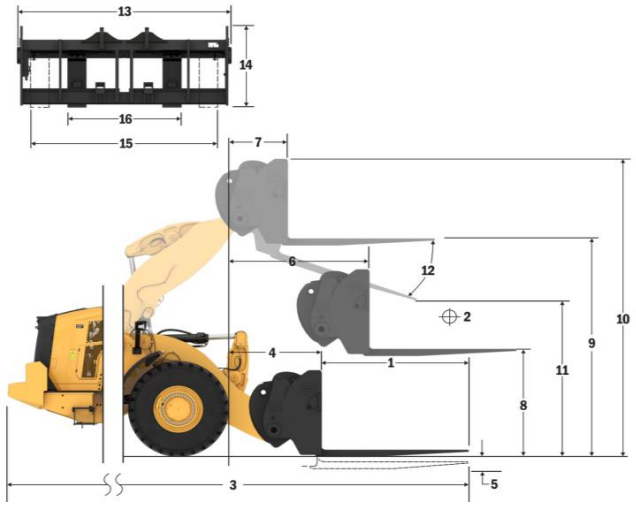
*Negative values indicate below grade

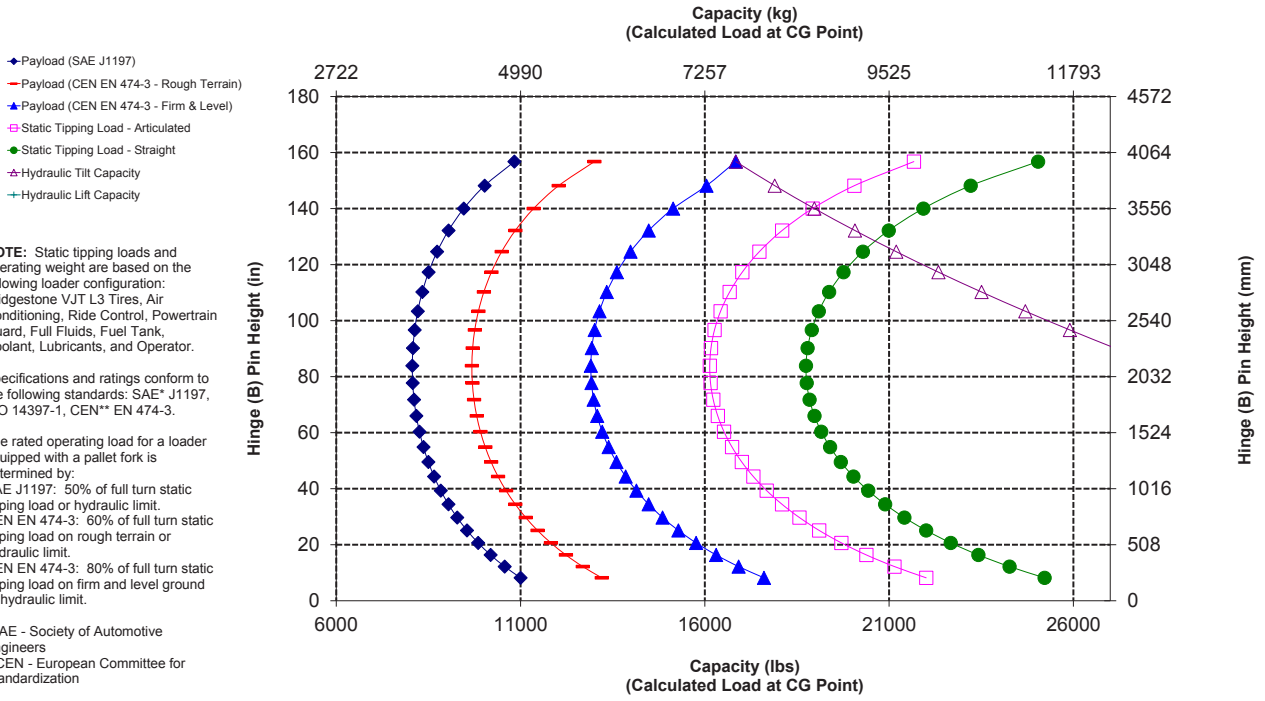
950 LOG

Construction Fork, FUSION

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

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





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

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

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

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

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

Fork Specifications

Fork Specifications

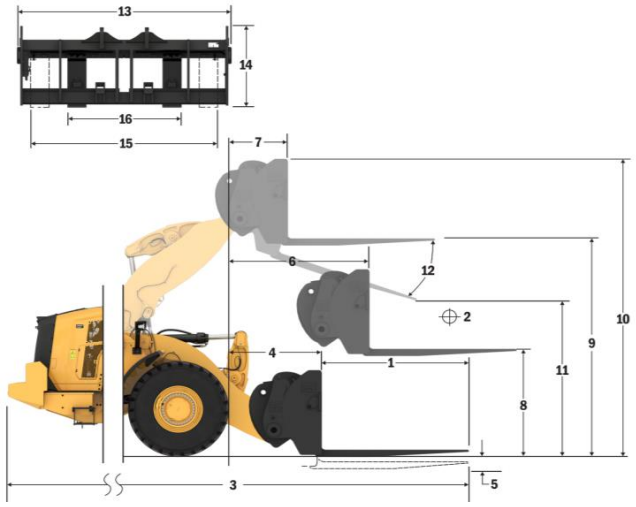
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8086 17822
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6950 15317
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3475 7659
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4170 9190
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5560 12254
3	Maximum Overall Length	mm in	9789 385.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1476 58.1
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	18799 41433

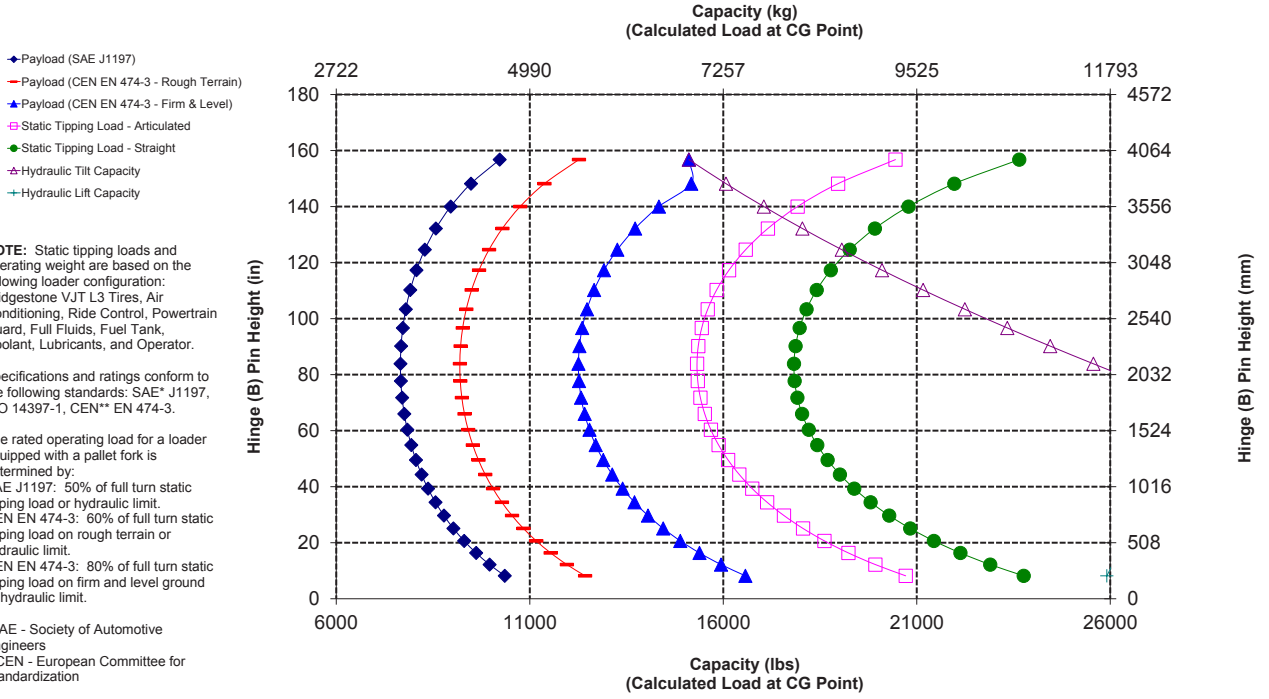
*Negative values indicate below grade

950 LOG

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

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





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

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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

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

950 Forestry Machine Specifications

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8919 19657
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7681 16930
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3841 8465
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4609 10158
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6145 13544
3	Maximum Overall Length	mm in	9180 361.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1972 77.6
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	14800 32619
	Operating Weight	kg lbs	18724 41267

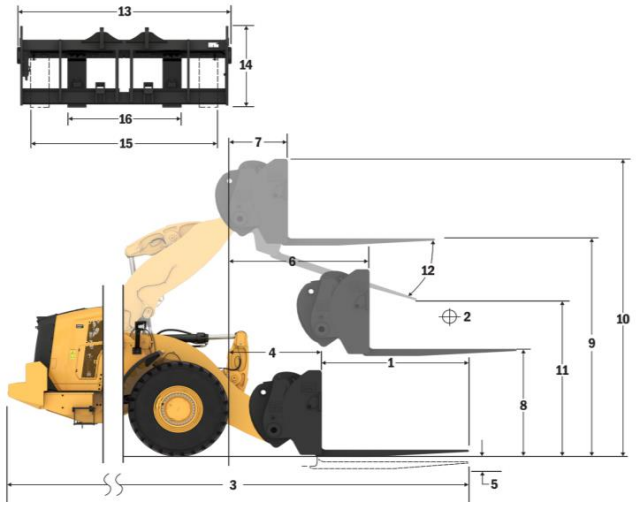
*Negative values indicate below grade

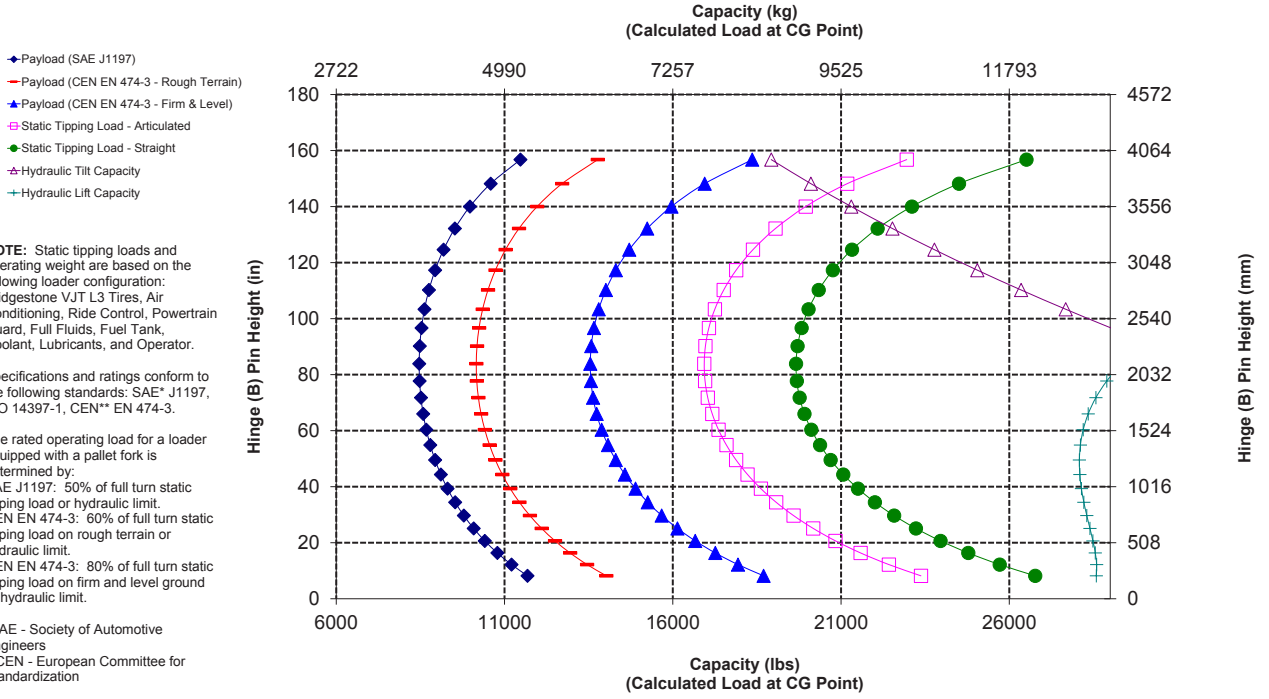
950 LOG

Construction Fork, FUSION

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

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





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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8470 18669
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7286 16058
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3643 8029
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4372 9635
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5829 12847
3	Maximum Overall Length	mm in	9485 373.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1723 67.8
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	12700 27991
	Operating Weight	kg lbs	18786 41404

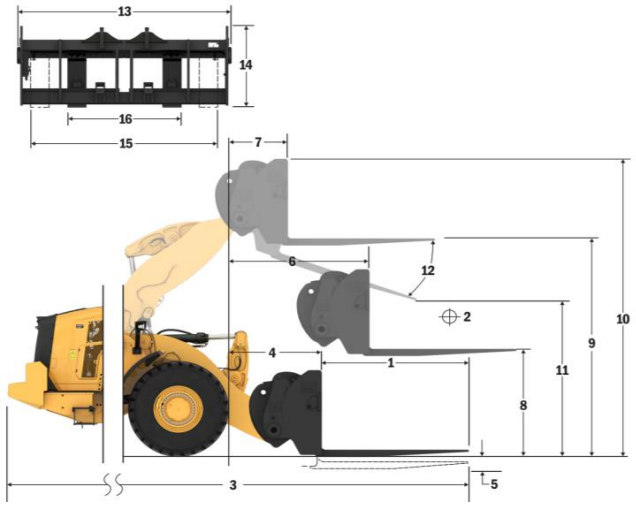
*Negative values indicate below grade

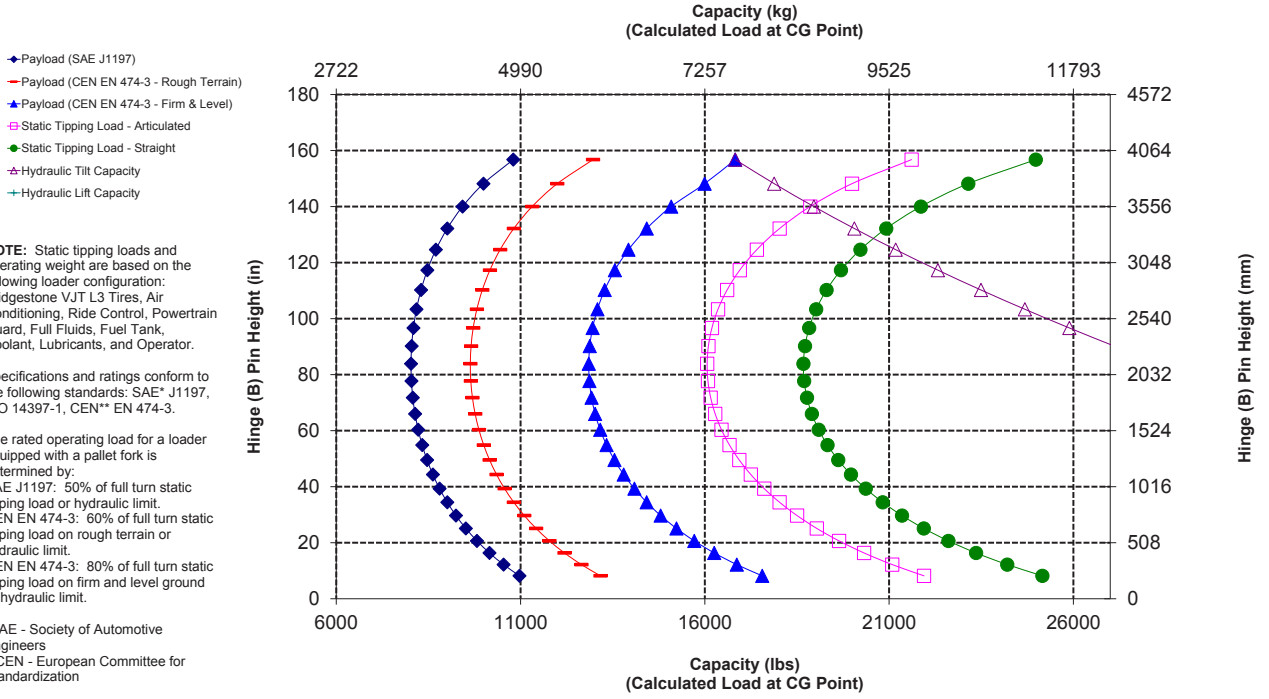
950 LOG

Construction Fork, FUSION

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

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





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

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

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

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

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8055 17752
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6918 15248
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3459 7624
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4151 9149
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5535 12198
3	Maximum Overall Length	mm in	9789 385.4
4	Reach with Forks at Ground Level	mm in	1124 44.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-88 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1675 66.0
7	Reach with Fork at Maximum Height	mm in	903 35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1847 72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3776 148.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4816 189.6
11	Clearance at Full Lift and Max Dump	mm in	1476 58.1
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	11300 24905
	Operating Weight	kg lbs	18849 41543

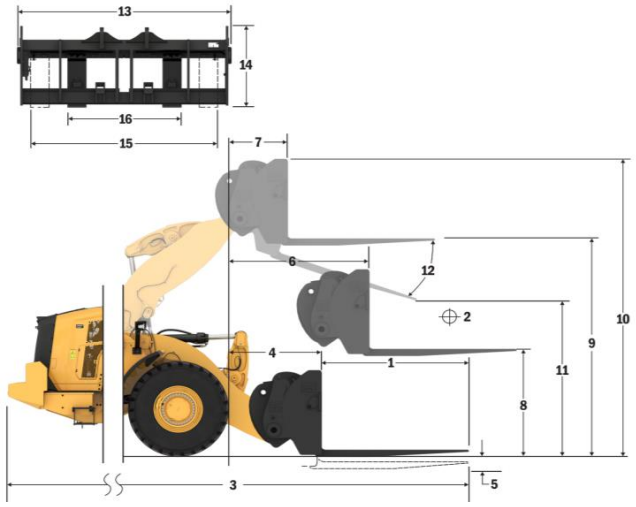
*Negative values indicate below grade

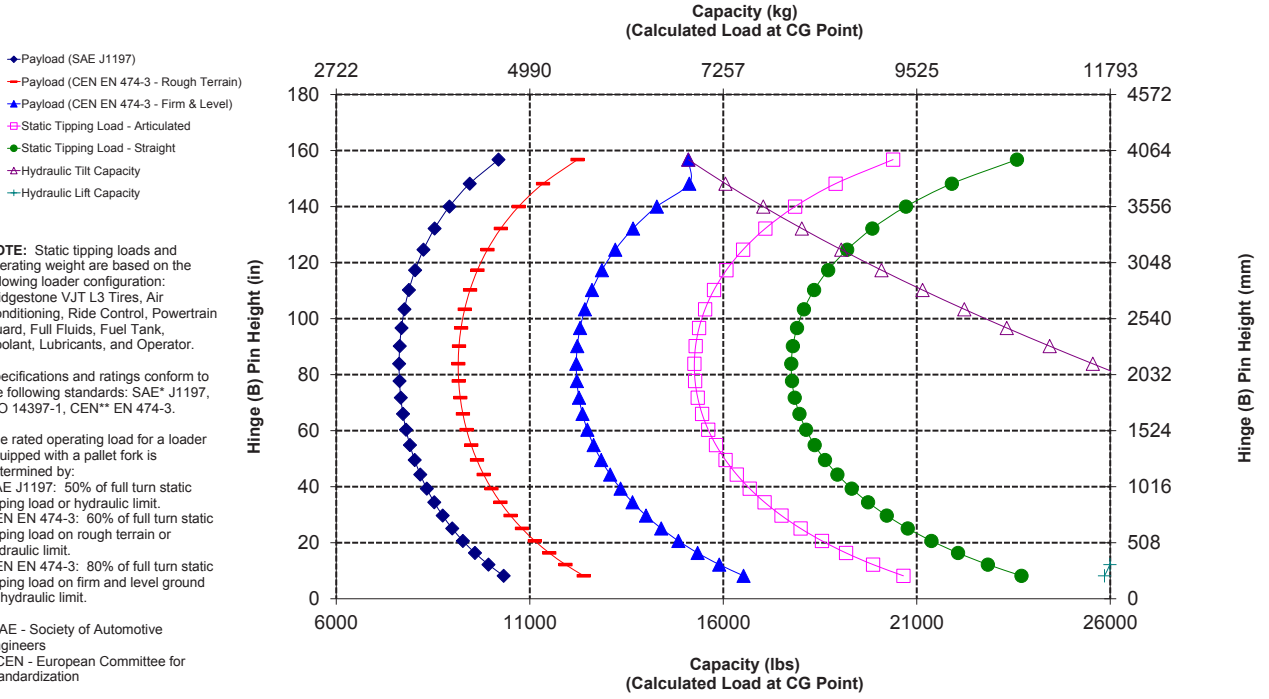
950 LOG

Construction Fork, FUSION

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

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





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

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

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

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

Fork Specifications

Fork Specifications

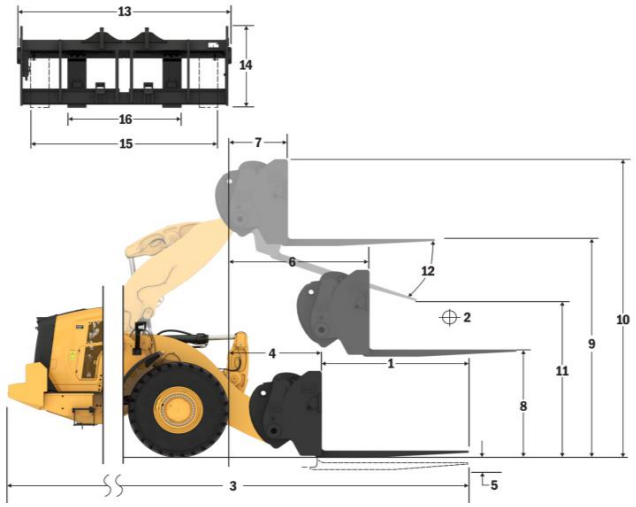
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	7783 17153
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6676 14714
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3338 7357
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4006 8829
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5341 11771
3	Maximum Overall Length	mm in	9896 389.6
4	Reach with Forks at Ground Level	mm in	1231 48.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-98 -3.9
6	Reach with Arms Horizontal and Forks Level	mm in	1775 69.9
7	Reach with Fork at Maximum Height	mm in	1003 39.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1837 72.3
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3765 148.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4834 190.3
11	Clearance at Full Lift and Max Dump	mm in	1399 55.1
12	Max Discharge Angle from Horizontal	deg	54
13	Overall Carriage Width	mm in	2542 100.1
14	Overall Carriage Height	mm in	1158 45.6
15	Outside Tine Width (max spread)	mm in	2312 91.0
16	Outside Tine Width (min spread)	mm in	896 35.3
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	10100 22260
	Operating Weight	kg lbs	18898 41651

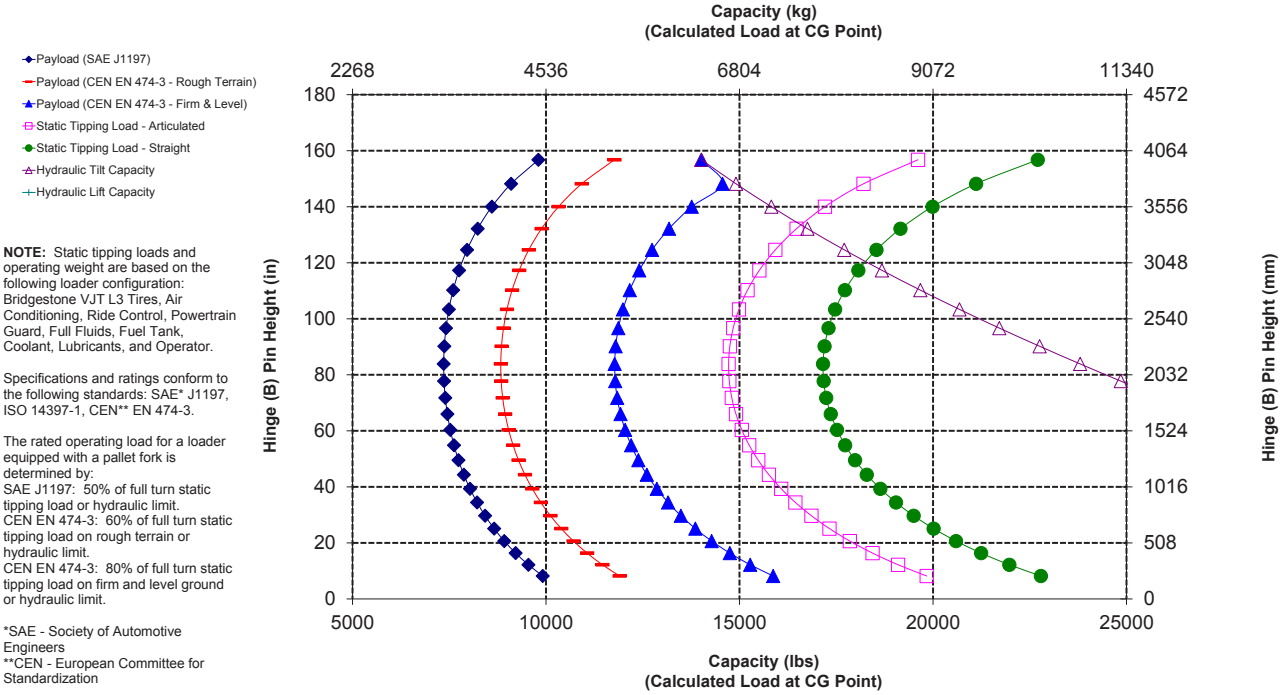
*Negative values indicate below grade

950 LOG

Fork-Hyd Adj, Pin-On — **96" Tine** **468-2852**

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





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

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

The rated operating load for a loader equipped with a pallet fork is determined by:
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NOTICE: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

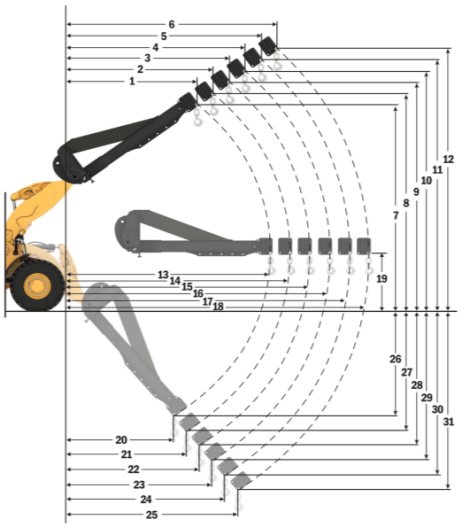
950 Forestry Machine Specifications

Fork Specifications

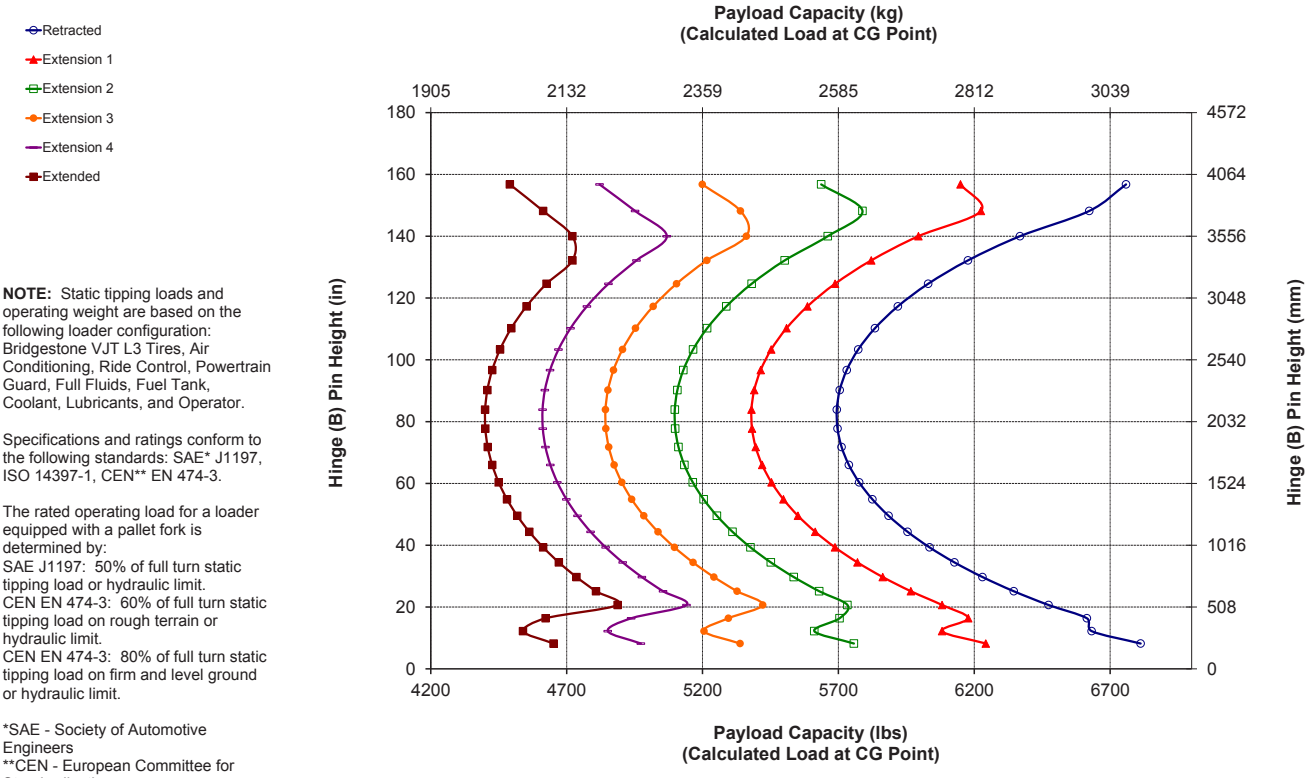
950 LOG 289-9885

Material Handling Arm, FUSION 6 Position

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



MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	mm	2,103	2,234	2,365	2,495	2,626	2,757
	ft, in	6' 10"	7' 3"	7' 9"	8' 2"	8' 7"	9' 0"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	6,854	7,129	7,405	7,680	7,955	8,231
	ft, in	22' 5"	23' 4"	24' 3"	25' 2"	26' 1"	27' 0"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,540	4,845	5,150	5,454	5,759	6,064
	ft, in	14' 10"	15' 10"	16' 10"	17' 10"	18' 10"	19' 10"
Level - Hook Eyelet Height (19)	mm	1,813	1,813	1,813	1,813	1,813	1,813
	ft, in	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"	5' 11.3"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	1,315	1,407	1,499	1,591	1,683	1,774
	ft, in	4' 3"	4' 7"	4' 11"	5' 2"	5' 6"	5' 9"
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	mm	(3,004)	(3,295)	(3,585)	(3,876)	(4,167)	(4,457)
	ft, in	-9' 1"	-10' 2"	-11' 2"	-12' 3"	-13' 3"	-14' 4"
Static Tipping Load, Straight	kg	5,965	5,636	5,341	5,074	4,832	4,611
	lb	13,147	12,422	11,771	11,183	10,650	10,163
Static Tipping Load, Articulated	kg	5,181	4,895	4,637	4,405	4,194	4,001
	lb	11,420	10,788	10,221	9,708	9,243	8,818
Operating Weight	kg	17,996	17,996	17,996	17,996	17,996	17,996
	lb	39,663	39,663	39,663	39,663	39,663	39,663



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

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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

950
Steel Mill

The Cat 950 Wheel Loader Steel Mill package is designed for the challenging work environment of steel mills and slag handling applications, incorporating an added level of safety.

Proven Reliability

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Features an electric fuel priming pump, fuel-water separator, and secondary filtration system.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Durability

- Steel mill package adds additional steel guards all around the machine to protect your investment.
- Hydraulic hoses and electrical harnesses outside of the frame are insulated and wrapped with stainless steel braiding.
- Heavy-duty hinge pins with a cross hatch design and high temp bushings are purpose built.
- Heavy-duty steel cable lower steps stand up to the harshest of conditions.
- Heavy-duty axles are designed to handle extreme applications.

Achieve Greater Fuel Efficiency and Productivity

- Five-speed transmission and lock-up clutch torque converter, powertrains deliver smooth shifting, fast acceleration, and speed on grade for greater performance and fuel efficiency
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.
- In-cab parking brake and transmission override controls provide an added level of machine protection for steel mill applications.

Safety Features

- Ground-level parking brake override and engine shutdown switches for emergency machine retrieval.
- Optional rear egress stairs allow for another point of machine exit for the operator.
- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- 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 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.

Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 35%.*
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat app helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

Work in Comfort in the All New Cab

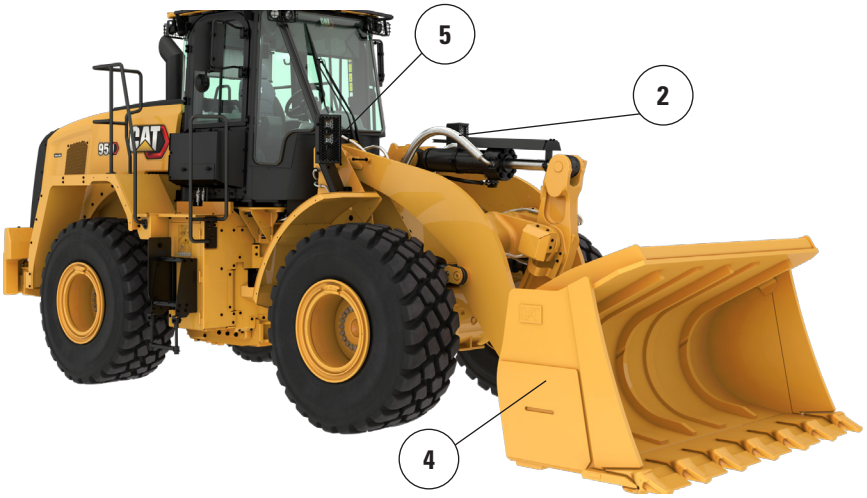
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The standard hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. An optional seat-mounted electro-hydraulic joystick steering system (replaces the HMU steering wheel) is also available in many regions.

**Parts and fluids only.*

950 Steel Mill Specifications

950 Steel Mill Features

1. Hydraulic hoses and electrical harness are wrapped with a thermal sleeve
2. Hoses and harnesses outside of the frame have an additional stainless-steel sleeve applied
3. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
4. Heavy-duty hinge pins with a cross hatch design and high temp bushings are purpose built
5. Front lights are guarded and positioned close to the frame for added protection



6. Ground-level parking brake override and engine shutdown switches
7. Optional rear egress with fire suppression left-hand mounting point available
8. Steel roof cap and steel mirrors integrated into the cab
9. In-cab parking brake and transmission override controls
10. In-cab secondary engine start
11. Non-bonded flat front cab glass allows for easy replacement
12. Eco-Safe FR46 hydraulic fluid available from the factory
13. Heavy-duty steel cable steps

Tire Options

Tire Brand	Bridgestone	Michelin	Michelin	Bridgestone	Bridgestone
Tire Size	**23.5R25**	**23.5R25**	**23.5R25**	**23.5R25**	**23.5-25**
Tread Type	**L–3**	**L–3**	**L–5**	**L–5**	**L–3**
Tread Pattern	**VJT**	**XHA2**	**XLD D2**	**VSDL**	**VL2**
Casing Strength	*	*	*	*	**20PR**
Width over Tires – Maximum (empty)*	2800 mm 9'3"	2816 mm 9'3"	2819 mm 9'4"	2787 mm 9'2"	2770 mm 9'2"
Width over Tires – Maximum (loaded)*	2824 mm 9'4"	2828 mm 9'4"	2834 mm 9'4"	2804 mm 9'3"	2790 mm 9'2"
Change in Vertical Dimensions (average of front and rear)	- -	10 mm 0.4"	40 mm 1.6"	65 mm 2.6"	19 mm 0.8"
Change in Horizontal Reach	- -	-6 mm -0.2"	-31 mm -1.2"	-36 mm -1.4"	-4 mm -0.1"
Change in Clearance Circle to Outside of Tires	- -	4 mm 0.2"	11 mm 0.4"	-20 mm -0.8"	-34 mm -1.3"
Change in Clearance Circle to Inside of Tires	- -	-4 mm -0.2"	-11 mm -0.4"	20 mm 0.8"	34 mm 1.3"
Change in Operating Weight (without ballast)	- -	-156 kg -344 lb	500 kg 1,103 lb	700 kg 1,544 lb	-268 kg -591 lb
Change in Static Tipping Load – Straight	- -	-104 kg -229 lb	333 kg 733 lb	466 kg 1,026 lb	-178 kg -393 lb
Change in Static Tipping Load – Articulated	- -	-90 kg -200 lb	290 kg 639 lb	406 kg 895 lb	-155 kg -343 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±8 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	481 mm 1'7"	481 mm 1'7"	298 mm 1'0"	298 mm 1'0"	481 mm 1'7"

*Width over tire bulge and includes tire growth.

950 Steel Mill Specifications

Tire Options

Tire Brand	Firestone	Maxam	Maxam	Triangle	Triangle
Tire Size	**23.5-25**	**23.5R25**	**23.5R25**	**23.5-25**	**23.5R25**
Tread Type	**L–5**	**L–3**	**L–5**	**L–3**	**L–3**
Tread Pattern	**SDT LD**	**MS302**	**MS503**	**TL612**	**TB516**
Casing Strength	**20PR**	**	**	**16PR**	**
Width over Tires – Maximum (empty)*	2776 mm 9'2"	2820 mm 9'4"	2780 mm 9'2"	2781 mm 9'2"	2785 mm 9'2"
Width over Tires – Maximum (loaded)*	2799 mm 9'3"	2828 mm 9'4"	2803 mm 9'3"	2809 mm 9'3"	2799 mm 9'3"
Change in Vertical Dimensions (average of front and rear)	62 mm 2.4"	14 mm 0.5"	58 mm 2.3"	1 mm 0"	43 mm 1.7"
Change in Horizontal Reach	-44 mm -1.7"	-15 mm -0.6"	-33 mm -1.3"	-8 mm -0.3"	-13 mm -0.5"
Change in Clearance Circle to Outside of Tires	-24 mm -1"	4 mm 0.2"	-21 mm -0.8"	-15 mm -0.6"	-25 mm -1"
Change in Clearance Circle to Inside of Tires	24 mm 1"	-4 mm -0.2"	21 mm 0.8"	15 mm 0.6"	25 mm 1"
Change in Operating Weight (without ballast)	500 kg 1,103 lb	0 kg 0 lb	472 kg 1,041 lb	-548 kg -1,208 lb	-452 kg -997 lb
Change in Static Tipping Load – Straight	333 kg 733 lb	0 kg 0 lb	314 kg 692 lb	-366 kg -806 lb	-302 kg -665 lb
Change in Static Tipping Load – Articulated	290 kg 639 lb	0 kg 0 lb	274 kg 604 lb	-319 kg -703 lb	-263 kg -580 lb
Rear Axle Oscillation Angle	±8 degrees	±13 degrees	±8 degrees	±13 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	298 mm 1'0"	481 mm 1'7"	298 mm 1'0"	481 mm 1'7"	481 mm 1'7"

*Width over tire bulge and includes tire growth.

Tire Brand	Brawler	Brawler
Tire Size	**23.5X25**	**23.5X25**
Tread Type		
Tread Pattern	**Smooth**	**Traction**
Casing Strength	**Solid**	**Solid**
Width over Tires – Maximum (empty)*	2140 mm 7'1"	2140 mm 7'1"
Width over Tires – Maximum (loaded)*	2140 mm 7'1"	2140 mm 7'1"
Change in Vertical Dimensions (average of front and rear)	65 mm 2.5"	65 mm 2.5"
Change in Horizontal Reach	-15 mm -0.6"	-15 mm -0.6"
Change in Clearance Circle to Outside of Tires	-684 mm -26.9"	-684 mm -26.9"
Change in Clearance Circle to Inside of Tires	684 mm 26.9"	684 mm 26.9"
Change in Operating Weight (without ballast)	3208 kg 7,074 lb	3064 kg 6,756 lb
Change in Static Tipping Load – Straight	2140 kg 4,718 lb	2044 kg 4,507 lb
Change in Static Tipping Load – Articulated	1866 kg 4,114 lb	1782 kg 3,929 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees
Maximum Single-Wheel Rise and Fall	298 mm 1'0"	298 mm 1'0"

*Width over tire bulge and includes tire growth.

Operating Specifications – Buckets

Linkage		Standard Linkage
Bucket Type		**Slag – Pin-On**
Edge Type		**Teeth and Segments**
Capacity – Rated	m^3	2.90
	yd^3	3.75
Capacity – Rated at 110% Fill Factor	m^3	3.10
	yd^3	4.00
Width	mm	2845
	ft/in	9'4"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2757
	ft/in	9'0"
17† Reach at Maximum Lift and 45° Discharge	mm	1500
	ft/in	4'11"
Reach at Level Lift Arm and Bucket Level	mm	2802
	ft/in	9'2"
A† Digging Depth	mm	100
	in	3.9"
12† Overall Length	mm	8447
	ft/in	27'9"
B† Overall Height with Bucket at Maximum Lift	mm	5491
	ft/in	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6712
	ft/in	22'1"
Static Tipping Load, Straight (With tire deflection)	kg	10 881
	lb	23,989
Static Tipping Load, Straight (No tire deflection)	kg	11 620
	lb	25,619
Static Tipping Load, Articulated (With tire deflection)	kg	9150
	lb	20,172
Static Tipping Load, Articulated (No tire deflection)	kg	9894
	lb	21,813
Breakout Force (§)	kN	151
	lbf	34,002
Operating Weight*	kg	20 699
	lb	45,632

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

† Illustration shown with Dimension charts.

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

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

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

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

950
Tunneling

The Cat 950 Wheel Loader Tunneling package provides added performance and protection for working in tunnels.

Proven Reliability

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Features an electric fuel priming pump, fuel-water separator, and secondary filtration system.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Durability

- Handrails are designed with low clearance in mind.
- Fabricated counterweight with robust rear grill guard provides added protection at the rear of the machine.
- The front light brackets are designed close to the frame for added protection.
- Tunneling package includes a steel roof cap and service center guards for increased durability.
- Heavy-duty axles are designed to handle extreme applications.

Achieve Greater Fuel Efficiency and Productivity

- Tunneling package includes a larger tilt cylinder for increased tilt capacity.
- Optional 3rd and 4th valve auxiliary hydraulics to control work tools such as side dump buckets.
- Five-speed transmission and lock-up clutch torque converter, powertrains deliver smooth shifting, fast acceleration, and speed on grade for greater performance and fuel efficiency.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

Safety Features

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- 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 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.

Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 35%.*
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat app helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

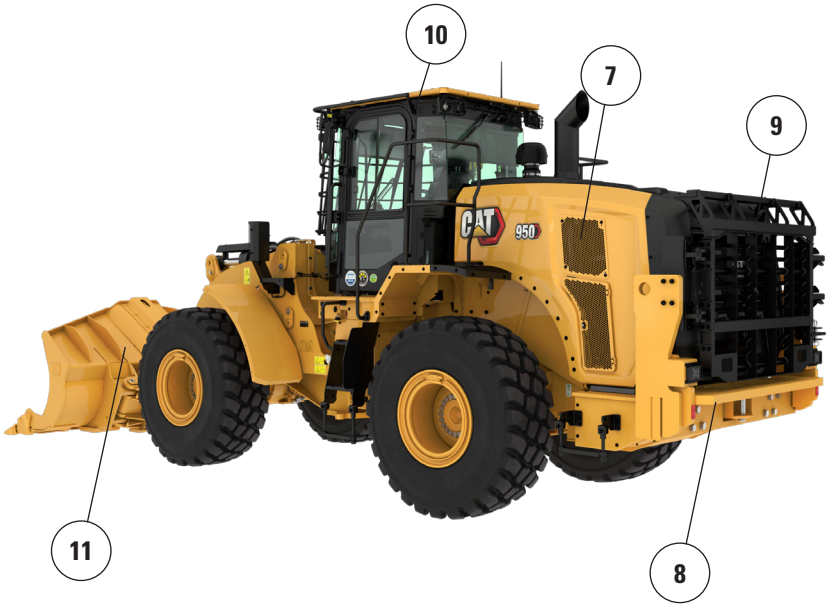
Work in Comfort in the All New Cab

- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The standard hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. An optional seat-mounted electro-hydraulic joystick steering system (replaces the HMU steering wheel) is also available in many regions.

**Parts and fluids only.*

950 Tunneling Features

1. Larger tilt cylinder for increased capacity
2. Tilt cylinder guard to protect the cylinder rod from falling debris
3. Low clearance handrails
4. Service center guards
5. Heavy-duty light brackets mounted close to the frame
6. 3rd/4th valve auxiliary hydraulics
7. Optional advanced cabin filtration



8. Fabricated counterweight
9. Heavy-duty rear guard
10. Steel roof cap
11. Large range of Cat work tools

Tire Options

Tire Brand	Bridgestone	Bridgestone
Tire Size	**23.5R25**	**23.5R25**
Tread Type	**L–3**	**L–5**
Tread Pattern	**VJT**	**VSDL**
Casing Strength	*	*
Width over Tires – Maximum (empty)*	2800 mm 9'3"	2787 mm 9'2"
Width over Tires – Maximum (loaded)*	2824 mm 9'4"	2804 mm 9'3"
Change in Vertical Dimensions (average of front and rear)	- -	65 mm 2.6"
Change in Horizontal Reach	- -	-36 mm -1.4"
Change in Clearance Circle to Outside of Tires	- -	-20 mm -0.8"
Change in Clearance Circle to Inside of Tires	- -	20 mm 0.8"
Change in Operating Weight (without ballast)	- -	700 kg 1,544 lb
Change in Static Tipping Load – Straight	- -	466 kg 1,026 lb
Change in Static Tipping Load – Articulated	- -	406 kg 895 lb
Rear Axle Oscillation Angle	±13 degrees	±8 degrees
Maximum Single-Wheel Rise and Fall	481 mm 1'7"	298 mm 1'0"

*Width over tire bulge and includes tire growth.

Operating Specifications – Buckets

Linkage			Standard Linkage		
Bucket Type			**Side Dump – Pin-On – Abrasion**		
Edge Type			**Bolt-On Cutting Edges**	**Teeth and Segments**	**Tips**
	Capacity – Rated	m^3	2.50	2.50	2.30
		yd^3	3.25	3.25	3.00
	Capacity – Rated at 110% Fill Factor	m^3	2.80	2.80	2.50
		yd^3	3.75	3.75	3.25
	Width	mm	3065	3166	3166
		ft/in	10'0"	10'4"	10'4"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	2666	2508	2508
		ft/in	8'8"	8'2"	8'2"
17†	Reach at Maximum Lift and 45° Discharge	mm	1344	1447	1447
		ft/in	4'4"	4'8"	4'8"
	Reach at Level Lift Arm and Bucket Level	mm	2791	2975	2975
		ft/in	9'1"	9'9"	9'9"
A†	Digging Depth	mm	106	106	71
		in	4.2"	4.2"	2.8"
12†	Overall Length	mm	8444	8659	8659
		ft/in	27'9"	28'5"	28'5"
B†	Overall Height with Bucket at Maximum Lift	mm	5723	5723	5723
		ft/in	18'10"	18'10"	18'10"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6788	6900	6900
		ft/in	22'4"	22'8"	22'8"
	Static Tipping Load, Straight (With tire deflection)	kg	11 907	11 681	11 980
		lb	26,250	25,753	26,412
	Static Tipping Load, Straight (No tire deflection)	kg	12 676	12 447	12 759
		lb	27,946	27,442	28,130
	Static Tipping Load, Articulated (With tire deflection)	kg	10 060	9834	10 117
		lb	22,179	21,682	22,304
	Static Tipping Load, Articulated (No tire deflection)	kg	10 841	10 613	10 907
		lb	23,902	23,397	24,047
	Breakout Force (§)	kN	128	126	135
		lbf	28,819	28,392	30,432
	Operating Weight*	kg	20 256	20 433	20 283
		lb	44,656	45,047	44,716

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

† Illustration shown with Dimension charts.

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

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

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

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

950

Corrosion Resistant

The Cat 950 Wheel Loader Corrosion Resistant package adds real value in protecting your machine investment. An industry-unique factory treatment provides more protection for all machine components that can be affected by corrosive materials. It's designed for improving reliability and durability in demanding corrosive environments such as fertilizer plants, chemical industries, agriculture, saltwater ports, and others.

Proven Reliability

- Cat C7.1 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Durability

- Corrosion resistant package includes silicon protection applied to all electrical terminals: alternator, engine starter, engine ground cable, and battery cables to maximize component life.
- Exposed electrical connectors are treated with shrinkable heat tube.
- Heavy-duty brushless alternator is utilized for increased durability.
- Optional paint protection that is more than two times the thickness of the standard paint. Extra primer coats are applied before the final polyurethane topcoat.

Achieve Greater Fuel Efficiency and Productivity

- Five-speed transmission and lock-up clutch torque converter, powertrains deliver smooth shifting, fast acceleration, and speed on grade for greater performance and fuel efficiency.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

Safety Features

- Rear-vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and inclined steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear-vision camera provide industry leading all-around visibility.
- Monitored seat belt is standard and can be enhanced with an optional exterior indicator.
- Optional multiview (360˚) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 35%.*
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat app helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

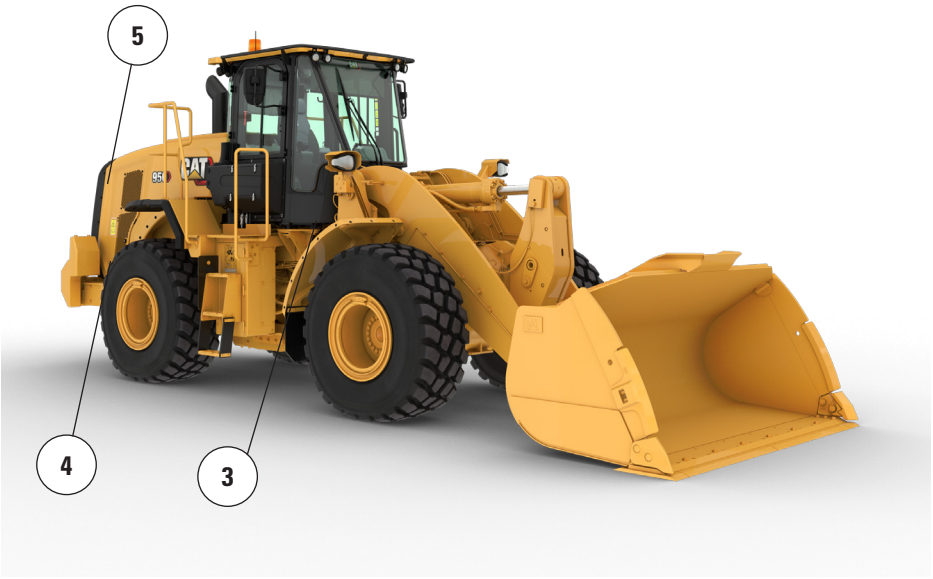
Work in Comfort in the All New Cab

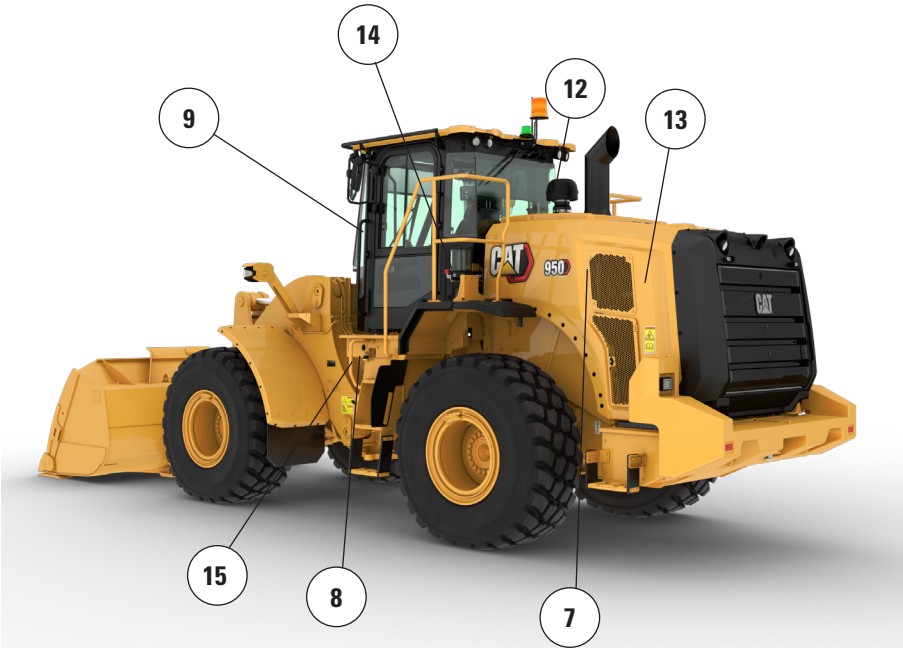
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The standard hydraulic metering unit (HMU) steering wheel provides precision control, resulting in excellent comfort and accuracy. An optional seat-mounted electro-hydraulic joystick steering system (replaces the HMU steering wheel) is also available in many regions.

**Parts and fluids only.*

950 Corrosion Resistant Features

1. Silicon protection applied to all electric terminals
2. Shrinkable heat-tube on exposed electrical connectors
3. Zerust vapor capsules in electrical compartments
4. Grease points on hood articulation pins
5. Optional corrosion resistant cooling package: E-coated cooling cores, heavy-duty latch, and greaseable hinges
6. Optional hydraulic system protection that includes silicone sealant and heat shrinkable tubing over the couplings





7. Heavy-duty brushless alternator
8. Sealed disconnect switch
9. Grease points on the cab door hinges
10. Additional coats of paint. Extra primer coats are applied before the final polyurethane topcoat
11. Varnish protection applied to under hood components
12. Optional turbine precleaner
13. Optional variable pitch fan
14. Optional autolube system
15. Anti-corrosion transmission fill cover

オフロード法２０１４年
基準適合

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.

AEXQ3868-00 (7-2024)
Build Number: 14B
(Afr-ME, Eurasia,
S Am [excluding Chile],
SE Asia, Japan, Indonesia)

CAT®