950
Wheel Loader

Technical Specifications

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

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950 Wheel Loader Specifications

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

Engine Model	Cat® C7.1	
Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.		
Engine Power @ 2,100 rpm 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.

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

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** 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	11 201 kg	24,694 lb
No Tire Deflection	11 961 kg	26,369 lb
Breakout Force	181 kN	40,690 lbf

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

Buckets

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

Weight

Operating Weight	19 260 kg	42,461 lb

- Weight based on a machine configuration with parallel lift Z-bar linkage, Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link™, front manual differential/open rear axles, powertrain guard, secondary steering, sound suppression, and a 3.1 m^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	29 300 kPa	4,250 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	5.1 sec	
Dump at Maximum Raise	1.5 sec	
Lower, Empty, Float Down	2.5 sec	
Total	9.1 sec	

Sound

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

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

Service Refill Capacities

Fuel Tank	259.5 L	68.6 gal
Diesel Exhaust Fluid (DEF) Tank (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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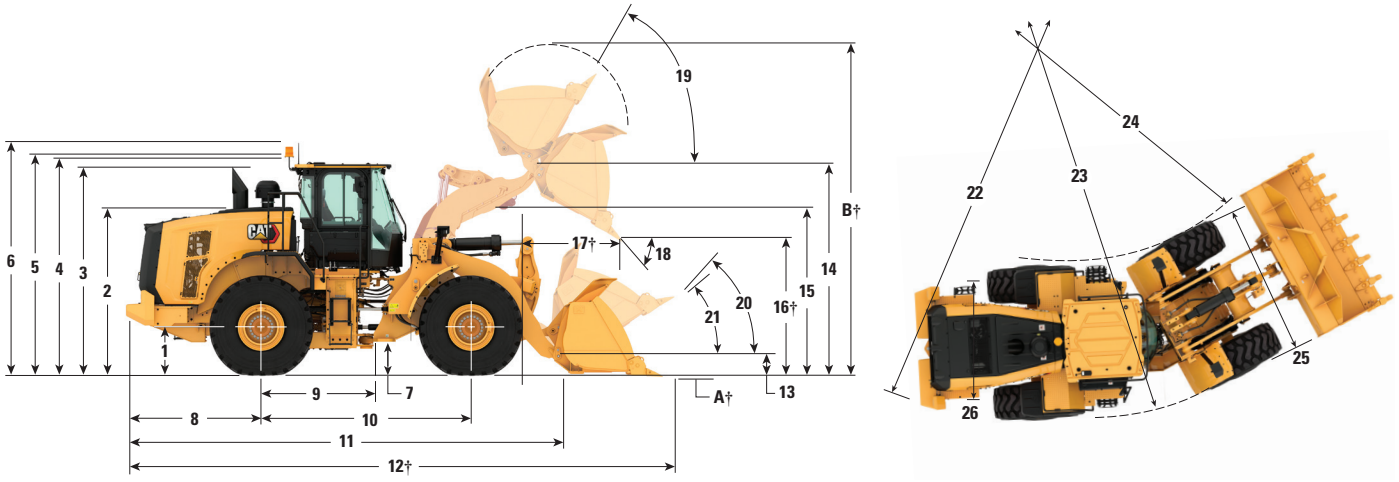
Dimensions

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

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

•All dimensions are approximate and based on machine equipped with 3.1 m^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"

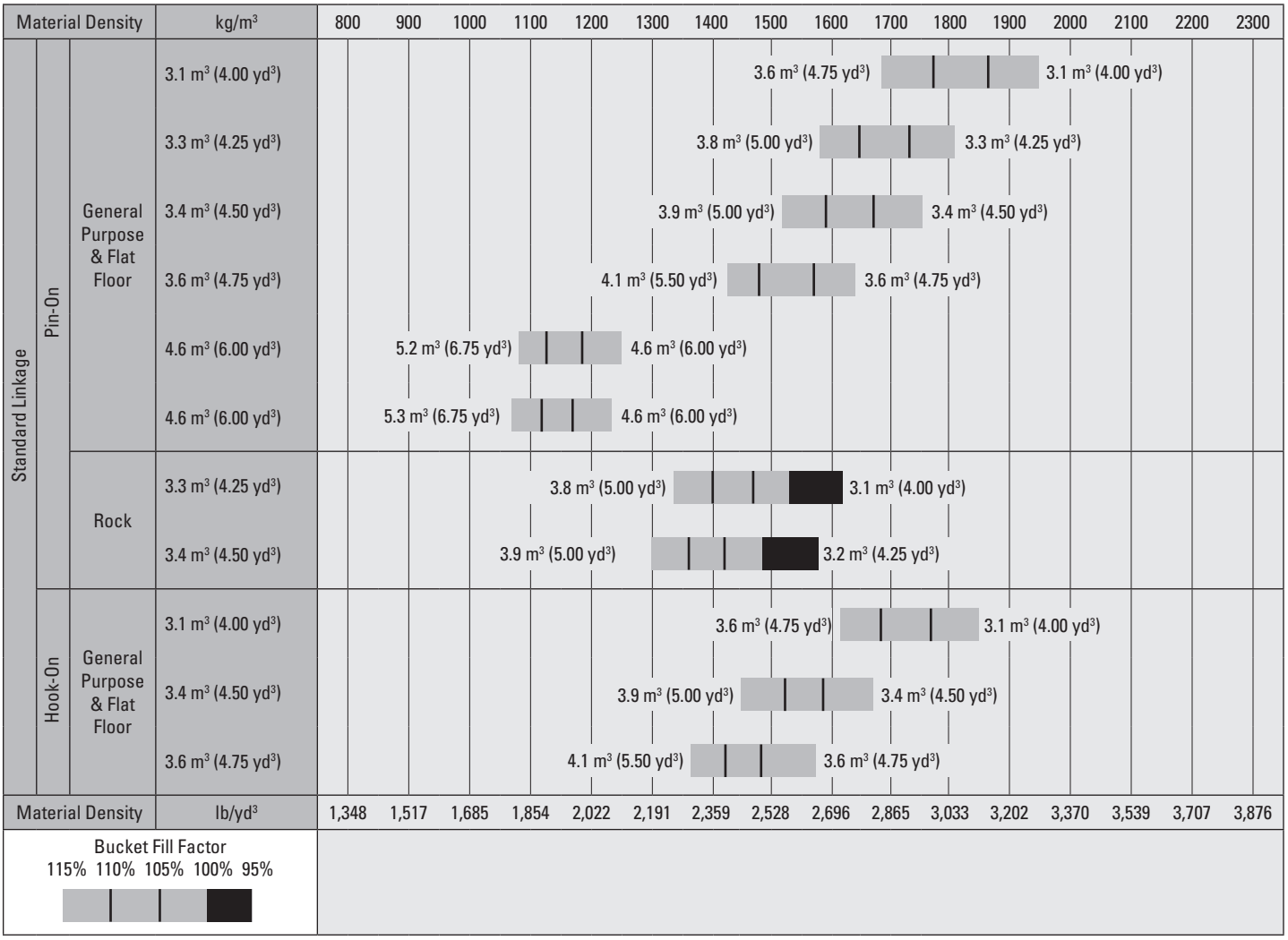
*Width over tire bulge and includes tire growth.

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.

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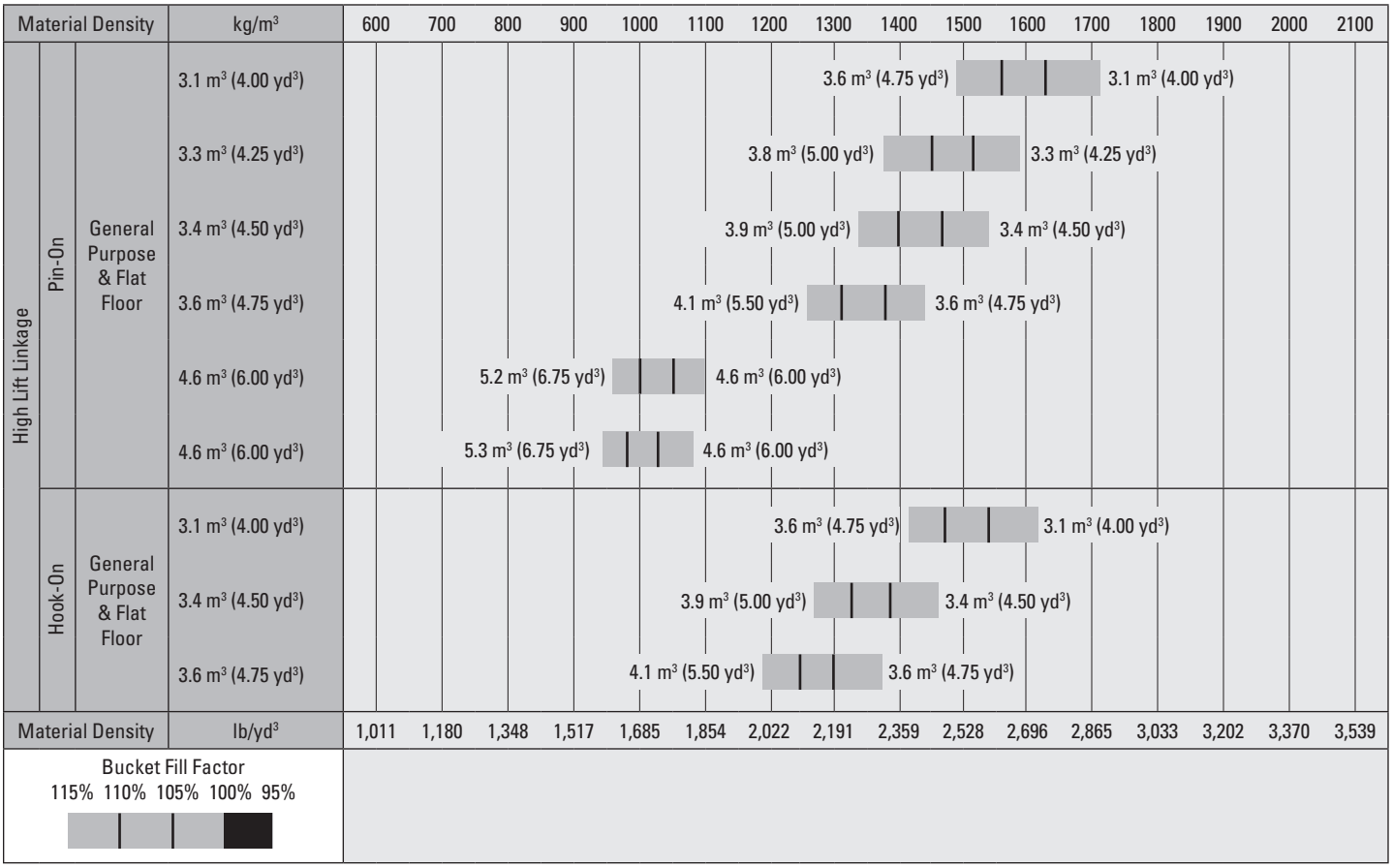

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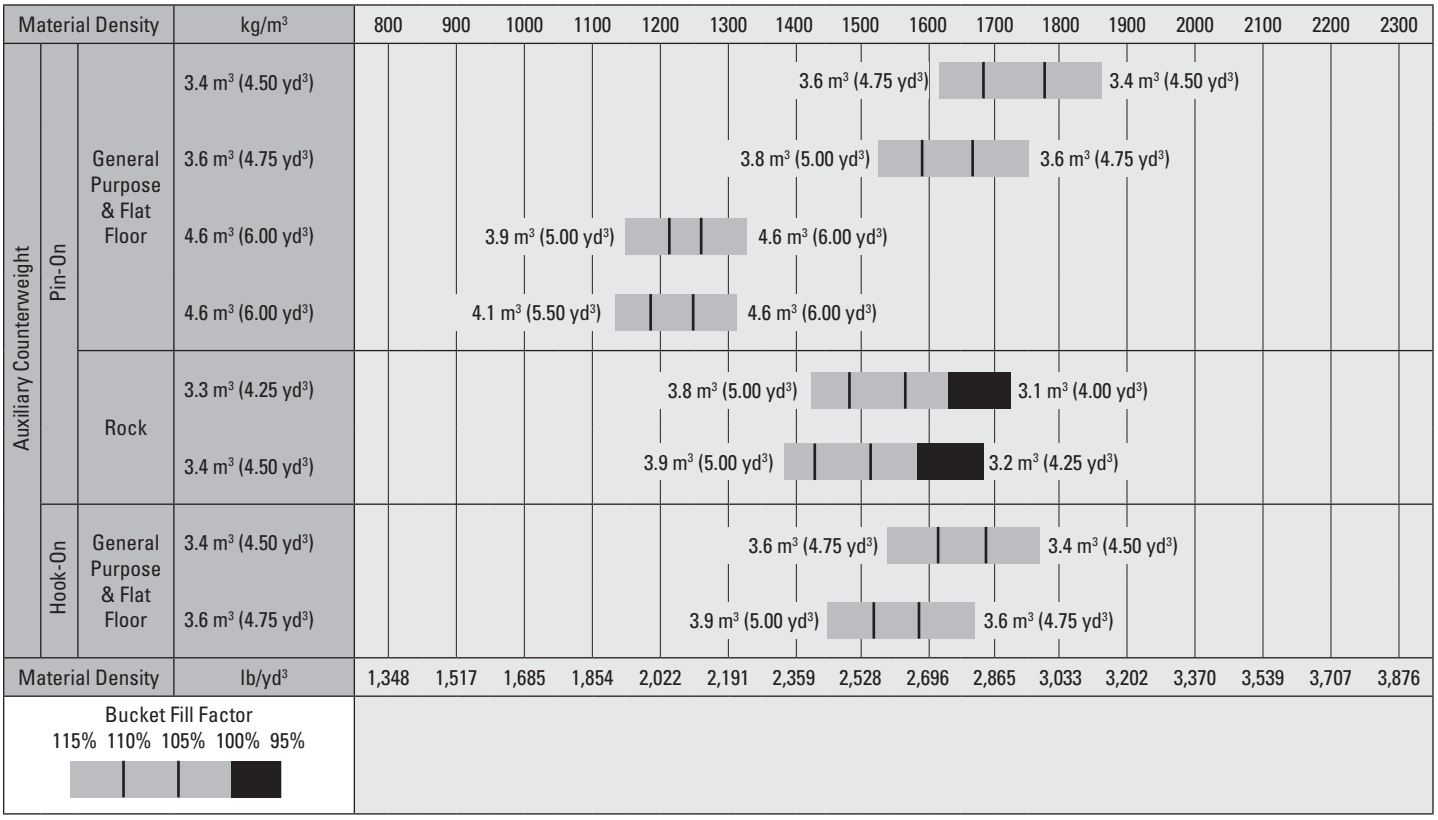

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950 Wheel Loader Specifications

Bucket Fill Factors and Selection Guide

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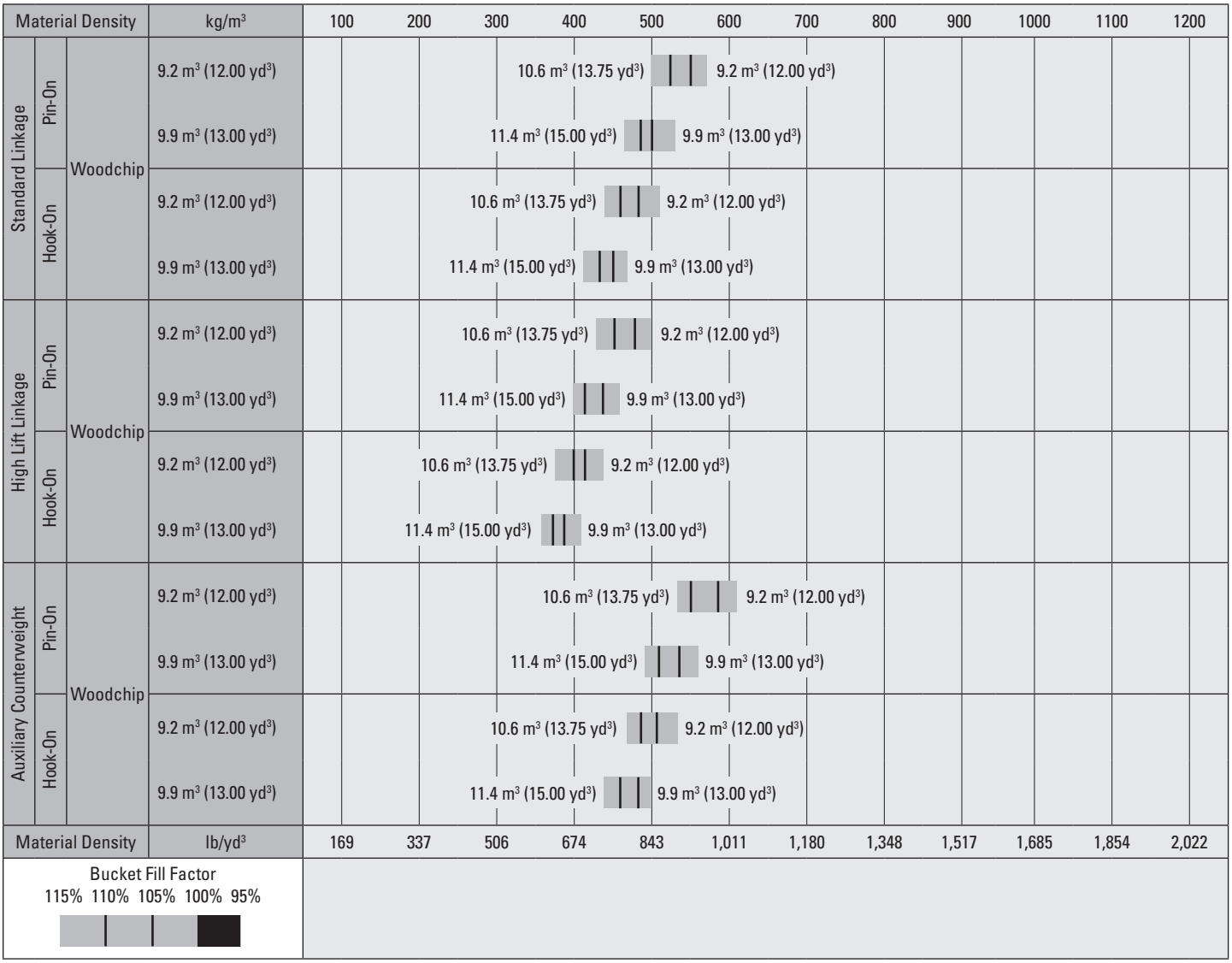


Note: All buckets are showing Bolt-On Edges.

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**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	3.10	3.10	3.30	3.30	3.40	3.40	3.60	3.60
	yd^3	4.00	4.00	4.25	4.25	4.50	4.50	4.75	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.60	3.60	3.70	3.70	4.00	4.00
	yd^3	4.50	4.50	4.75	4.75	4.75	4.75	5.25	5.25
Width	mm	2927	2994	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2864	2746	2826	2707	2807	2688	2781	2661
	ft/in	9'4"	9'0"	9'3"	8'10"	9'2"	8'9"	9'1"	8'8"
17† Reach at Maximum Lift and 45° Discharge	mm	1435	1546	1464	1574	1479	1588	1501	1610
	ft/in	4'8"	5'0"	4'9"	5'1"	4'10"	5'2"	4'11"	5'3"
Reach at Level Lift Arm and Bucket Level	mm	2694	2855	2743	2904	2767	2928	2802	2963
	ft/in	8'10"	9'4"	9'0"	9'6"	9'0"	9'7"	9'2"	9'8"
A† Digging Depth	mm	102	102	102	102	102	102	102	102
	in	4"	4"	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8314	8487	8363	8536	8387	8560	8422	8595
	ft/in	27'4"	27'11"	27'6"	28'1"	27'7"	28'1"	27'8"	28'3"
B† Overall Height with Bucket at Maximum Lift	mm	5513	5513	5559	5559	5585	5585	5618	5618
	ft/in	18' 2"	18' 2"	18'3"	18'3"	18'4"	18'4"	18'6"	18'6"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6735	6821	6750	6836	6757	6844	6768	6854
	ft/in	22'2"	22'5"	22'2"	22'6"	22'3"	22'6"	22'3"	22'6"
Static Tipping Load, Straight (With tire deflection)	kg	12 991	12 850	12 869	12 728	12 826	12 684	12 755	12 612
	lb	28,640	28,330	28,372	28,060	28,276	27,963	28,120	27,805
Static Tipping Load, Straight (No tire deflection)	kg	13 743	13 601	13 624	13 481	13 581	13 438	13 512	13 368
	lb	30,300	29,986	30,036	29,720	29,943	29,626	29,790	29,471
Static Tipping Load, Articulated (With tire deflection)	kg	11 200	11 059	11 084	10 942	11 042	10 900	10 975	10 832
	lb	24,693	24,383	24,436	24,124	24,344	24,031	24,195	23,881
Static Tipping Load, Articulated (No tire deflection)	kg	11 960	11 818	11 846	11 702	11 805	11 661	11 739	11 595
	lb	26,368	26,054	26,116	25,800	26,026	25,709	25,881	25,563
Breakout Force (§)	kN	181	179	173	172	170	169	165	164
	lbf	40,689	40,400	39,063	38,777	38,316	38,030	37,271	36,987
Operating Weight*	kg	19 261	19 369	19 330	19 438	19 354	19 462	19 390	19 498
	lb	42,462	42,700	42,615	42,853	42,668	42,906	42,748	42,986

* 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**	**Bolt-On Cutting Edges**	**Teeth and Segments**
Capacity – Rated	m^3	3.10	3.10	3.40	3.40	3.60	3.60
	yd^3	4.00	4.00	4.50	4.50	4.75	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.70	3.70	4.00	4.00
	yd^3	4.50	4.50	4.75	4.75	5.25	5.25
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	2825	2706	2767	2648	2741	2621
	ft/in	9'3"	8'10"	9'0"	8'8"	8'11"	8'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1481	1591	1524	1633	1545	1654
	ft/in	4'10"	5'2"	5'0"	5'4"	5'0"	5'5"
Reach at Level Lift Arm and Bucket Level	mm	2754	2915	2827	2988	2862	3023
	ft/in	9'0"	9'6"	9'3"	9'9"	9'4"	9'11"
A† Digging Depth	mm	102	102	102	102	102	102
	in	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8374	8547	8447	8620	8482	8655
	ft/in	27'6"	28'1"	27'9"	28'4"	27'10"	28'5"
B† Overall Height with Bucket at Maximum Lift	mm	5546	5546	5618	5618	5652	5652
	ft/in	18'3"	18'3"	18'6"	18'6"	18'7"	18'7"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6749	6836	6772	6859	6783	6870
	ft/in	22'2"	22'6"	22'3"	22'7"	22'4"	22'7"
Static Tipping Load, Straight (With tire deflection)	kg	12 402	12 262	12 268	12 127	12 202	12 060
	lb	27,342	27,033	27,048	26,736	26,902	26,589
Static Tipping Load, Straight (No tire deflection)	kg	13 143	13 001	13 013	12 870	12 949	12 805
	lb	28,976	28,663	28,689	28,373	28,547	28,230
Static Tipping Load, Articulated (With tire deflection)	kg	10 638	10 498	10 511	10 370	10 449	10 307
	lb	23,454	23,144	23,174	22,862	23,036	22,723
Static Tipping Load, Articulated (No tire deflection)	kg	11 387	11 245	11 263	11 120	11 203	11 059
	lb	25,105	24,792	24,832	24,517	24,698	24,381
Breakout Force (§)	kN	172	171	162	161	158	157
	lbf	38,737	38,451	36,582	36,299	35,623	35,340
Operating Weight*	kg	19 730	19 838	19 800	19 908	19 834	19 942
	lb	43,498	43,736	43,652	43,890	43,727	43,965

* 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
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges
Capacity – Rated	m^3	3.30	3.30	3.40	3.40	3.60	3.60	4.60
	yd^3	4.25	4.25	4.50	4.50	4.75	4.75	6.00
Capacity – Rated at 110% Fill Factor	m^3	3.60	3.60	3.70	3.70	4.00	4.00	5.00
	yd^3	4.75	4.75	4.75	4.75	5.25	5.25	6.50
Width	mm	2927	2994	2927	2994	2927	2994	3338
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	10'11"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2777	2652	2749	2624	2717	2592	2622
	ft/in	9'1"	8'8"	9'0"	8'7"	8'11"	8'6"	8'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1384	1486	1412	1514	1444	1546	1553
	ft/in	4'6"	4'10"	4'7"	4'11"	4'8"	5'0"	5'1"
Reach at Level Lift Arm and Bucket Level	mm	2737	2898	2777	2938	2822	2983	2967
	ft/in	8'11"	9'6"	9'1"	9'7"	9'3"	9'9"	9'8"
A† Digging Depth	mm	102	102	102	102	102	102	92
	in	4"	4"	4"	4"	4"	4"	3.6"
12† Overall Length	mm	8357	8530	8397	8570	8442	8615	8580
	ft/in	27'6"	28'0"	27'7"	28'2"	27'9"	28'4"	28'2"
B† Overall Height with Bucket at Maximum Lift	mm	5515	5515	5554	5554	5602	5602	5502
	ft/in	18'2"	18'2"	18'3"	18'3"	18'5"	18'5"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6748	6834	6760	6847	6774	6861	6999
	ft/in	22'2"	22'6"	22'3"	22'6"	22'3"	22'7"	23'0"
Static Tipping Load, Straight (With tire deflection)	kg	12 751	12 611	12 672	12 531	12 584	12 442	12 269
	lb	28,112	27,803	27,938	27,627	27,743	27,431	27,048
Static Tipping Load, Straight (No tire deflection)	kg	13 486	13 344	13 408	13 266	13 322	13 179	12 988
	lb	29,732	29,420	29,561	29,247	29,371	29,055	28,635
Static Tipping Load, Articulated (With tire deflection)	kg	10 984	10 844	10 909	10 768	10 825	10 684	10 542
	lb	24,217	23,908	24,051	23,741	23,866	23,554	23,242
Static Tipping Load, Articulated (No tire deflection)	kg	11 727	11 585	11 653	11 511	11 572	11 428	11 271
	lb	25,854	25,542	25,692	25,378	25,511	25,196	24,848
Breakout Force (§)	kN	174	173	169	167	163	162	147
	lbf	39,241	38,955	38,002	37,717	36,690	36,407	33,132
Operating Weight*	kg	19 316	19 424	19 356	19 464	19 400	19 508	19 480
	lb	42,584	42,822	42,672	42,910	42,769	43,007	42,945

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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 – Hook-On – Fusion**			
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	2707	2581	2675	2549
	ft/in	8'10"	8'5"	8'9"	8'4"
17† Reach at Maximum Lift and 45° Discharge	mm	1455	1557	1486	1589
	ft/in	4'9"	5'1"	4'10"	5'2"
Reach at Level Lift Arm and Bucket Level	mm	2837	2998	2882	3043
	ft/in	9'3"	9'10"	9'5"	9'11"
A† Digging Depth	mm	102	102	102	102
	in	4"	4"	4"	4"
12† Overall Length	mm	8457	8630	8502	8675
	ft/in	27'9"	28'4"	27'11"	28'6"
B† Overall Height with Bucket at Maximum Lift	mm	5588	5588	5631	5631
	ft/in	18'4"	18'4"	18'6"	18'6"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6775	6862	6789	6877
	ft/in	22'3"	22'7"	22'4"	22'7"
Static Tipping Load, Straight (With tire deflection)	kg	12 124	11 983	12 041	11 900
	lb	26,729	26,419	26,546	26,235
Static Tipping Load, Straight (No tire deflection)	kg	12 850	12 708	12 768	12 626
	lb	28,330	28,017	28,150	27,835
Static Tipping Load, Articulated (With tire deflection)	kg	10 386	10 246	10 308	10 167
	lb	22,898	22,589	22,726	22,415
Static Tipping Load, Articulated (No tire deflection)	kg	11 121	10 979	11 044	10 901
	lb	24,518	24,205	24,349	24,034
Breakout Force (§)	kN	161	160	156	154
	lbf	36,293	36,010	35,090	34,809
Operating Weight*	kg	19 803	19 911	19 843	19 951
	lb	43,657	43,895	43,745	43,983

* 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	2.90	2.90	2.90	2.90
		yd^3	3.75	3.75	3.75	3.75
	Capacity – Rated at 110% Fill Factor	m^3	3.20	3.20	3.20	3.20
		yd^3	4.25	4.25	4.25	4.25
	Width	mm	2943	3020	3007	3000
		ft/in	9'7"	9'10"	9'10"	9'10"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	3003	2877	2964	2854
		ft/in	9'10"	9'5"	9'8"	9'4"
17†	Reach at Maximum Lift and 45° Discharge	mm	1448	1574	1537	1657
		ft/in	4'9"	5'1"	5'0"	5'5"
	Reach at Level Lift Arm and Bucket Level	mm	2590	2766	2685	2846
		ft/in	8'5"	9'0"	8'9"	9'4"
A†	Digging Depth	mm	103	103	82	82
		in	4"	4"	3.2"	3.2"
12†	Overall Length	mm	8211	8407	8290	8465
		ft/in	27'0"	27'7"	27'3"	27'10"
B†	Overall Height with Bucket at Maximum Lift	mm	5321	5321	5393	5393
		ft/in	17'6"	17'6"	17'9"	17'9"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6712	6811	6756	6810
		ft/in	22'1"	22'5"	22'2"	22'5"
	Static Tipping Load, Straight (With tire deflection)	kg	12 596	12 423	11 895	11 766
		lb	27,771	27,389	26,224	25,940
	Static Tipping Load, Straight (No tire deflection)	kg	13 334	13 159	12 629	12 498
		lb	29,397	29,010	27,842	27,554
	Static Tipping Load, Articulated (With tire deflection)	kg	10 820	10 647	10 148	10 019
		lb	23,855	23,473	22,373	22,088
	Static Tipping Load, Articulated (No tire deflection)	kg	11 565	11 390	10 890	10 759
		lb	25,497	25,111	24,009	23,721
	Breakout Force (§)	kN	196	194	180	178
		lbf	44,133	43,733	40,511	40,222
	Operating Weight*	kg	19 605	19 740	20 160	20 260
		lb	43,221	43,518	44,445	44,664

* 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		**High Dump – Pin-On**			
Edge Type		**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	5.10	6.10	7.60	9.20
	yd^3	6.75	8.00	10.00	12.00
Capacity – Rated at 110% Fill Factor	m^3	5.60	6.70	8.40	10.10
	yd^3	7.25	8.75	11.00	13.25
Width	mm	3029	2910	3350	3350
	ft/in	9'11"	9'6"	10'11"	10'11"
16† Dump Clearance at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	4568	4535	4462	4298
	ft/in	14'10"	14'9"	14'6"	14'1"
17† Reach at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	1757	1798	1870	2031
	ft/in	5'8"	5'9"	6'1"	6'7"
Reach at Level Lift Arm and Bucket Level	mm	3207	3311	3478	3678
	ft/in	10'6"	10'10"	11'4"	12'0"
A† Digging Depth	mm	94	168	72	72
	in	3.7"	6.6"	2.8"	2.8"
12† Overall Length	mm	8821	8978	9098	9298
	ft/in	29'0"	29'6"	29'11"	30'7"
B† Overall Height at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	6674	6827	6818	6972
	ft/in	21'9"	22'4"	22'4"	22'9"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6938	6947	7171	7239
	ft/in	22'10"	22'10"	23'7"	23'9"
Static Tipping Load, Straight (With tire deflection)	kg	11 226	10 289	10 698	10 371
	lb	24,749	22,684	23,585	22,866
Static Tipping Load, Straight (No tire deflection)	kg	11 958	11 007	11 463	11 140
	lb	26,365	24,267	25,272	24,561
Static Tipping Load, Articulated (With tire deflection)	kg	9544	8640	9009	8700
	lb	21,041	19,048	19,861	19,180
Static Tipping Load, Articulated (No tire deflection)	kg	10 285	9366	9781	9476
	lb	22,675	20,649	21,564	20,892
Breakout Force (§)	kN	123	114	108	96
	lbf	27,694	25,628	24,436	21,789
Operating Weight*	kg	20 108	20 870	20 669	20 842
	lb	44,329	46,009	45,566	45,948

* 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		**High Dump – Hook-On – Fusion**		
Edge Type		**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	6.10	7.60	9.20
	yd^3	8.00	10.00	12.00
Capacity – Rated at 110% Fill Factor	m^3	6.70	8.40	10.10
	yd^3	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
16† Dump Clearance at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	4520	4517	4354
	ft/in	14'8"	14'8"	14'3"
17† Reach at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	1918	1904	2065
	ft/in	6'3"	6'2"	6'8"
Reach at Level Lift Arm and Bucket Level	mm	3442	3543	3743
	ft/in	11'3"	11'7"	12'3"
A† Digging Depth	mm	102	72	72
	in	4"	2.8"	2.8"
12† Overall Length	mm	9062	9163	9363
	ft/in	29'9"	30'1"	30'9"
B† Overall Height at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	6821	6873	7027
	ft/in	22'4"	22'5"	23'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7022	7193	7262
	ft/in	23'1"	23'8"	23'10"
Static Tipping Load, Straight (With tire deflection)	kg	9956	10 058	9740
	lb	21,949	22,174	21,474
Static Tipping Load, Straight (No tire deflection)	kg	10 651	10 806	10 492
	lb	23,481	23,824	23,131
Static Tipping Load, Articulated (With tire deflection)	kg	8348	8394	8094
	lb	18,406	18,506	17,845
Static Tipping Load, Articulated (No tire deflection)	kg	9054	9151	8853
	lb	19,960	20,174	19,519
Breakout Force (§)	kN	105	104	93
	lbf	23,767	23,412	20,922
Operating Weight*	kg	21 017	21 236	21 408
	lb	46,333	46,816	47,195

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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 – Pin-On**		**Woodchip – Hook-On – Fusion**	
Edge Type		**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	9.20	9.90	9.20	9.90
	yd^3	12.00	13.00	12.00	13.00
Capacity – Rated at 110% Fill Factor	m^3	10.10	10.90	10.10	10.90
	yd^3	13.25	14.25	13.25	14.25
Width	mm	3330	3330	3330	3330
	ft/in	10'11"	10'11"	10'11"	10'11"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2237	2162	2143	2139
	ft/in	7'4"	7'1"	7'0"	7'0"
17† Reach at Maximum Lift and 45° Discharge	mm	1932	2007	2025	2029
	ft/in	6'4"	6'7"	6'7"	6'7"
Reach at Level Lift Arm and Bucket Level	mm	3507	3613	3639	3645
	ft/in	11'6"	11'10"	11'11"	11'11"
A† Digging Depth	mm	97	97	97	97
	in	3.8"	3.8"	3.8"	3.8"
12† Overall Length	mm	9123	9229	9255	9261
	ft/in	30'0"	30'4"	30'5"	30'5"
B† Overall Height with Bucket at Maximum Lift	mm	6240	6332	6298	6349
	ft/in	20'6"	20'10"	20'8"	20'10"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7170	7206	7215	7217
	ft/in	23'7"	23'8"	23'9"	23'9"
Static Tipping Load, Straight (With tire deflection)	kg	11 462	11 386	10 199	10 249
	lb	25,269	25,102	22,485	22,595
Static Tipping Load, Straight (No tire deflection)	kg	12 254	12 187	10 894	10 952
	lb	27,016	26,869	24,017	24,147
Static Tipping Load, Articulated (With tire deflection)	kg	9761	9678	8614	8658
	lb	21,519	21,337	18,991	19,089
Static Tipping Load, Articulated (No tire deflection)	kg	10 560	10 487	9320	9372
	lb	23,281	23,119	20,547	20,663
Breakout Force (§)	kN	104	98	97	96
	lbf	23,478	22,134	21,897	21,762
Operating Weight*	kg	19 942	20 034	20 577	20 538
	lb	43,964	44,166	45,363	45,277

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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*****	**Rock, Spade – Pin-On – Abrasion*****	**Side Dump – Pin-On**	**Side Dump – Hook-On – Fusion**
Edge Type		**Teeth and Segments**	**Teeth and Segments**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	3.40	3.30	2.90	2.90
	yd^3	4.50	4.25	3.75	3.75
Capacity – Rated at 110% Fill Factor	m^3	3.70	3.60	3.20	3.20
	yd^3	4.75	4.75	4.25	4.25
Width	mm	2995	2937	3220	3220
	ft/in	9'9"	9'7"	10'6"	10'6"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2643	2809	2727	2727
	ft/in	8'8"	9'2"	8'11"	8'11"
17† Reach at Maximum Lift and 45° Discharge	mm	1695	1506	1428	1427
	ft/in	5'6"	4'11"	4'8"	4'8"
Reach at Level Lift Arm and Bucket Level	mm	3070	2819	2804	2803
	ft/in	10'0"	9'2"	9'2"	9'2"
A† Digging Depth	mm	39	36	107	107
	in	1.5"	1.4"	4.2"	4.2"
12† Overall Length	mm	8691	8439	8428	8427
	ft/in	28'7"	27'9"	27'8"	27'8"
B† Overall Height with Bucket at Maximum Lift	mm	5641	5641	5516	5508
	ft/in	18'7"	18'7"	18'2"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6898	6792	6884	6898
	ft/in	22'8"	22'4"	22'8"	22'8"
Static Tipping Load, Straight (With tire deflection)	kg	12 991	13 198	11 720	11 436
	lb	28,641	29,096	25,838	25,212
Static Tipping Load, Straight (No tire deflection)	kg	13 786	13 995	12 450	12 164
	lb	30,394	30,854	27,449	26,819
Static Tipping Load, Articulated (With tire deflection)	kg	11 143	11 350	10 006	9722
	lb	24,566	25,022	22,059	21,434
Static Tipping Load, Articulated (No tire deflection)	kg	11 945	12 154	10 746	10 460
	lb	26,335	26,796	23,691	23,060
Breakout Force (§)	kN	155	179	160	162
	lbf	35,003	40,312	36,024	36,584
Operating Weight*	kg	20 343	20 188	19 943	20 399
	lb	44,848	44,507	43,966	44,971

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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**	**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	3.60	3.60
	yd^3	4.00	4.00	4.25	4.25	4.50	4.50	4.75	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.60	3.60	3.70	3.70	4.00	4.00
	yd^3	4.50	4.50	4.75	4.75	4.75	4.75	5.25	5.25
Width	mm	2927	2994	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	3369	3251	3331	3212	3313	3193	3286	3167
	ft/in	11'0"	10'8"	10'11"	10'6"	10'10"	10'5"	10'9"	10'4"
17† Reach at Maximum Lift and 45° Discharge	mm	1471	1581	1499	1609	1514	1624	1536	1645
	ft/in	4'9"	5'2"	4'11"	5'3"	4'11"	5'3"	5'0"	5'4"
Reach at Level Lift Arm and Bucket Level	mm	3069	3230	3118	3279	3142	3303	3177	3338
	ft/in	10'0"	10'7"	10'2"	10'9"	10'3"	10'10"	10'5"	10'11"
A† Digging Depth	mm	106	106	106	106	106	106	106	106
	in	4.1"	4.1"	4.1"	4.1"	4.1"	4.1"	4.1"	4.1"
12† Overall Length	mm	8795	8966	8844	9015	8868	9039	8903	9074
	ft/in	28'11"	29'5"	29'1"	29'7"	29'2"	29'8"	29'3"	29'10"
B† Overall Height with Bucket at Maximum Lift	mm	6018	6018	6064	6064	6090	6090	6124	6124
	ft/in	19'9"	19'9"	19'11"	19'11"	20'0"	20'0"	20'2"	20'2"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6937	7027	6953	7043	6960	7051	6972	7063
	ft/in	22'10"	23'1"	22'10"	23'2"	22'11"	23'2"	22'11"	23'3"
Static Tipping Load, Straight (With tire deflection)	kg	11 512	11 376	11 399	11 262	11 358	11 220	11 292	11 154
	lb	25,381	25,080	25,131	24,828	25,041	24,737	24,895	24,591
Static Tipping Load, Straight (No tire deflection)	kg	12 099	11 961	11 987	11 849	11 947	11 808	11 882	11 743
	lb	26,674	26,371	26,427	26,122	26,339	26,033	26,196	25,889
Static Tipping Load, Articulated (With tire deflection)	kg	9851	9714	9742	9605	9702	9565	9640	9501
	lb	21,718	21,417	21,478	21,175	21,391	21,087	21,253	20,948
Static Tipping Load, Articulated (No tire deflection)	kg	10 455	10 317	10 347	10 209	10 309	10 170	10 247	10 108
	lb	23,049	22,746	22,812	22,507	22,727	22,421	22,592	22,285
Breakout Force (§)	kN	172	171	165	164	162	160	157	156
	lbf	38,686	38,433	37,134	36,882	36,421	36,169	35,424	35,172
Operating Weight*	kg	19 921	20 029	19 991	20 099	20 015	20 123	20 051	20 159
	lb	43,918	44,156	44,071	44,309	44,124	44,362	44,204	44,442

* 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	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	3.10	3.10	3.40	3.40	3.60	3.60
	yd^3	4.00	4.00	4.50	4.50	4.75	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.70	3.70	4.00	4.00
	yd^3	4.50	4.50	4.75	4.75	5.25	5.25
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	3330	3212	3273	3154	3246	3127
	ft/in	10'11"	10'6"	10'8"	10'4"	10'7"	10'3"
17† Reach at Maximum Lift and 45° Discharge	mm	1516	1627	1559	1669	1581	1690
	ft/in	4'11"	5'4"	5'1"	5'5"	5'2"	5'6"
Reach at Level Lift Arm and Bucket Level	mm	3129	3290	3202	3363	3237	3398
	ft/in	10'3"	10'9"	10'6"	11'0"	10'7"	11'1"
A† Digging Depth	mm	106	106	106	106	106	106
	in	4.1"	4.1"	4.1"	4.1"	4.1"	4.1"
12† Overall Length	mm	8855	9026	8928	9099	8963	9134
	ft/in	29'1"	29'8"	29'4"	29'11"	29'5"	30'0"
B† Overall Height with Bucket at Maximum Lift	mm	6051	6051	6123	6123	6157	6157
	ft/in	19'11"	19'11"	20'2"	20'2"	20'3"	20'3"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6946	7037	6970	7061	6981	7073
	ft/in	22'10"	23'2"	22'11"	23'2"	22'11"	23'3"
Static Tipping Load, Straight (With tire deflection)	kg	10 956	10 820	10 832	10 694	10 770	10 633
	lb	24,154	23,854	23,880	23,578	23,745	23,441
Static Tipping Load, Straight (No tire deflection)	kg	11 535	11 398	11 414	11 275	11 354	11 215
	lb	25,431	25,129	25,163	24,858	25,031	24,725
Static Tipping Load, Articulated (With tire deflection)	kg	9317	9180	9198	9061	9140	9002
	lb	20,540	20,240	20,279	19,976	20,151	19,847
Static Tipping Load, Articulated (No tire deflection)	kg	9913	9776	9798	9659	9741	9602
	lb	21,856	21,554	21,601	21,296	21,475	21,169
Breakout Force (§)	kN	163	162	154	153	150	149
	lbf	36,824	36,572	34,767	34,516	33,852	33,600
Operating Weight*	kg	20 391	20 499	20 461	20 569	20 495	20 603
	lb	44,954	45,192	45,108	45,346	45,183	45,421

* 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
Edge Type			Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges
	Capacity – Rated	m^3	3.30	3.30	3.40	3.40	3.60	3.60	4.60
		yd^3	4.25	4.25	4.50	4.50	4.75	4.75	6.00
	Capacity – Rated at 110% Fill Factor	m^3	3.60	3.60	3.70	3.70	4.00	4.00	5.00
		yd^3	4.75	4.75	4.75	4.75	5.25	5.25	6.50
	Width	mm	2927	2994	2927	2994	2927	2994	3338
		ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	10'11"
16†	Dump Clearance at Maximum Lift and 45° Discharge	mm	3283	3157	3255	3129	3223	3097	3127
		ft/in	10'9"	10'4"	10'8"	10'3"	10'6"	10'1"	10'3"
17†	Reach at Maximum Lift and 45° Discharge	mm	1419	1522	1448	1550	1479	1582	1589
		ft/in	4'7"	4'11"	4'9"	5'1"	4'10"	5'2"	5'2"
	Reach at Level Lift Arm and Bucket Level	mm	3112	3273	3152	3313	3197	3358	3342
		ft/in	10'2"	10'8"	10'4"	10'10"	10'5"	11'0"	10'11"
A†	Digging Depth	mm	106	106	106	106	106	106	96
		in	4.1"	4.1"	4.1"	4.1"	4.1"	4.1"	3.8"
12†	Overall Length	mm	8838	9009	8878	9049	8923	9094	9062
		ft/in	29'0"	29'7"	29'2"	29'9"	29'4"	29'11"	29'9"
B†	Overall Height with Bucket at Maximum Lift	mm	6020	6020	6059	6059	6108	6108	6007
		ft/in	19'9"	19'9"	19'11"	19'11"	20'1"	20'1"	19'9"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6951	7042	6964	7055	6978	7070	7198
		ft/in	22'10"	23'2"	22'11"	23'2"	22'11"	23'3"	23'8"
	Static Tipping Load, Straight (With tire deflection)	kg	11 313	11 177	11 240	11 103	11 158	11 021	10 893
		lb	24,942	24,643	24,781	24,480	24,600	24,298	24,015
	Static Tipping Load, Straight (No tire deflection)	kg	11 888	11 751	11 816	11 679	11 736	11 598	11 459
		lb	26,209	25,908	26,051	25,747	25,874	25,569	25,263
	Static Tipping Load, Articulated (With tire deflection)	kg	9671	9535	9601	9464	9523	9386	9284
		lb	21,321	21,021	21,167	20,866	20,996	20,693	20,468
	Static Tipping Load, Articulated (No tire deflection)	kg	10 263	10 126	10 195	10 057	10 119	9980	9868
		lb	22,627	22,325	22,476	22,173	22,308	22,003	21,755
	Breakout Force (§)	kN	165	164	160	159	155	154	140
		lbf	37,304	37,051	36,121	35,869	34,869	34,618	31,463
	Operating Weight*	kg	19 976	20 084	20 016	20 124	20 060	20 168	20 140
		lb	44,040	44,278	44,128	44,366	44,225	44,463	44,401

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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 – Hook-On – Fusion			
	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	3212	3087	3180	3055
		ft/in	10'6"	10'1"	10'5"	10'0"
17†	Reach at Maximum Lift and 45° Discharge	mm	1490	1592	1522	1624
		ft/in	4'10"	5'2"	4'11"	5'3"
	Reach at Level Lift Arm and Bucket Level	mm	3212	3373	3257	3418
		ft/in	10'6"	11'0"	10'8"	11'2"
A†	Digging Depth	mm	106	106	106	106
		in	4.1"	4.1"	4.1"	4.1"
12†	Overall Length	mm	8938	9109	8983	9154
		ft/in	29'4"	29'11"	29'6"	30'1"
B†	Overall Height with Bucket at Maximum Lift	mm	6094	6094	6137	6137
		ft/in	20'0"	20'0"	20'2"	20'2"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6973	7065	6988	7080
		ft/in	22'11"	23'3"	23'0"	23'3"
	Static Tipping Load, Straight (With tire deflection)	kg	10 721	10 584	10 644	10 507
		lb	23,635	23,335	23,467	23,165
	Static Tipping Load, Straight (No tire deflection)	kg	11 290	11 153	11 215	11 077
		lb	24,891	24,589	24,725	24,421
	Static Tipping Load, Articulated (With tire deflection)	kg	9103	8966	9030	8893
		lb	20,069	19,768	19,909	19,607
	Static Tipping Load, Articulated (No tire deflection)	kg	9690	9553	9619	9481
		lb	21,364	21,062	21,207	20,903
	Breakout Force (§)	kN	153	152	148	147
		lbf	34,491	34,239	33,343	33,092
	Operating Weight*	kg	20 463	20 571	20 503	20 611
		lb	45,113	45,351	45,201	45,439

* 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			High Dump – Pin-On			
	Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
	Capacity – Rated	m^3	5.10	6.10	7.60	9.20
		yd^3	6.75	8.00	10.00	12.00
	Capacity – Rated at 110% Fill Factor	m^3	5.60	6.70	8.40	10.10
		yd^3	7.25	8.75	11.00	13.25
	Width	mm	3029	2910	3350	3350
		ft/in	9'11"	9'6"	10'11"	10'11"
16†	Dump Clearance at Maximum Height and High Dump Fully Rolled Out (48˚)	mm	5024	4989	4913	4743
		ft/in	16'5"	16'4"	16'1"	15'6"
17†	Reach at Maximum Height and High Dump Fully Rolled Out (48˚)	mm	1815	1855	1923	2077
		ft/in	5'10"	6'1"	6'3"	6'8"
	Reach at Level Lift Arm and Bucket Level	mm	3582	3686	3853	4053
		ft/in	11'9"	12'1"	12'7"	13'3"
A†	Digging Depth	mm	99	173	76	76
		in	3.9"	6.8"	3"	3"
12†	Overall Length	mm	9303	9452	9579	9779
		ft/in	30'7"	31'1"	31'6"	32'1"
B†	Overall Height at Maximum Height and High Dump Fully Rolled Out (48˚)	mm	7143	7296	7286	7440
		ft/in	23'4"	23'10"	23'9"	24'4"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	7146	7165	7380	7450
		ft/in	23'6"	23'7"	24'3"	24'6"
	Static Tipping Load, Straight (With tire deflection)	kg	9911	9014	9362	9058
		lb	21,851	19,874	20,640	19,970
	Static Tipping Load, Straight (No tire deflection)	kg	10487	9581	9961	9660
		lb	23,121	21,123	21,960	21,297
	Static Tipping Load, Articulated (With tire deflection)	kg	8342	7474	7788	7500
		lb	18,391	16,477	17,171	16,535
	Static Tipping Load, Articulated (No tire deflection)	kg	8936	8057	8405	8120
		lb	19,702	17,764	18,531	17,902
	Breakout Force (§)	kN	116	108	102	91
		lbf	26,251	24,376	23,126	20,601
	Operating Weight*	kg	20 768	21 530	21 329	21 502
		lb	45,785	47,465	47,022	47,404

* 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		**High Dump – Hook-On – Fusion**		
Edge Type		**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**	**Bolt-On Cutting Edges**
Capacity – Rated	m^3	6.10	7.60	9.20
	yd^3	8.00	10.00	12.00
Capacity – Rated at 110% Fill Factor	m^3	6.70	8.40	10.10
	yd^3	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
16† Dump Clearance at Maximum Height and High Dump Fully Rolled Out (48˚)	mm	4969	4967	4797
	ft/in	16'3"	16'3"	15'7"
17† Reach at Maximum Height and High Dump Fully Rolled Out (48˚)	mm	1974	1959	2113
	ft/in	6'5"	6'4"	6'9"
Reach at Level Lift Arm and Bucket Level	mm	3817	3918	4118
	ft/in	12'6"	12'10"	13'6"
A† Digging Depth	mm	106	76	76
	in	4.1"	3"	3"
12† Overall Length	mm	9543	9644	9844
	ft/in	31'4"	31'8"	32'4"
B† Overall Height at Maximum Height and High Dump Fully Rolled Out (48˚)	mm	7286	7340	7494
	ft/in	23'9"	24'1"	24'6"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	7224	7392	7462
	ft/in	23'9"	24'3"	24'6"
Static Tipping Load, Straight (With tire deflection)	kg	8730	8749	8453
	lb	19,246	19,288	18,636
Static Tipping Load, Straight (No tire deflection)	kg	9282	9336	9043
	lb	20,463	20,584	19,937
Static Tipping Load, Articulated (With tire deflection)	kg	7223	7197	6916
	lb	15,924	15,866	15,248
Static Tipping Load, Articulated (No tire deflection)	kg	7794	7802	7524
	lb	17,183	17,202	16,589
Breakout Force (§)	kN	100	98	87
	lbf	22,500	22,144	19,768
Operating Weight*	kg	21 677	21 896	22 068
	lb	47,789	48,272	48,651

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

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

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	3.10	3.10	3.30	3.30	3.40	3.40	3.60	3.60
	yd^3	4.00	4.00	4.25	4.25	4.50	4.50	4.75	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.60	3.60	3.70	3.70	4.00	4.00
	yd^3	4.50	4.50	4.75	4.75	4.75	4.75	5.25	5.25
Width	mm	2927	2994	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2864	2746	2826	2707	2807	2688	2781	2661
	ft/in	9'4"	9'0"	9'3"	8'10"	9'2"	8'9"	9'1"	8'8"
17† Reach at Maximum Lift and 45° Discharge	mm	1435	1546	1464	1574	1479	1588	1501	1610
	ft/in	4'8"	5'0"	4'9"	5'1"	4'10"	5'2"	4'11"	5'3"
Reach at Level Lift Arm and Bucket Level	mm	2694	2855	2743	2904	2767	2928	2802	2963
	ft/in	8'10"	9'4"	9' 0"	9'6"	9'0"	9'7"	9'2"	9'8"
A† Digging Depth	mm	102	102	102	102	102	102	102	102
	in	4"	4"	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8343	8516	8392	8565	8416	8589	8451	8624
	ft/in	27'5"	28'0"	27'7"	28'2"	27'8"	28'3"	27'9"	28'4"
B† Overall Height with Bucket at Maximum Lift	mm	5513	5513	5559	5559	5585	5585	5618	5618
	ft/in	18'2"	18'2"	18'3"	18'3"	18'4"	18'4"	18'6"	18'6"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6735	6821	6750	6836	6757	6844	6768	6854
	ft/in	22'2"	22'5"	22'2"	22'6"	22'3"	22'6"	22'3"	22'6"
Static Tipping Load, Straight (With tire deflection)	kg	13 823	13 682	13 698	13 557	13 654	13 512	13 581	13 438
	lb	30,474	30,164	30,200	29,888	30,102	29,789	29,941	29,626
Static Tipping Load, Straight (No tire deflection)	kg	14 637	14 495	14 515	14 371	14 471	14 328	14 400	14 256
	lb	32,269	31,956	32,000	31,684	31,905	31,588	31,748	31,429
Static Tipping Load, Articulated (With tire deflection)	kg	11 889	11 748	11 770	11 628	11 727	11 585	11 658	11 515
	lb	26,211	25,901	25,949	25,637	25,855	25,542	25,702	25,388
Static Tipping Load, Articulated (No tire deflection)	kg	12 713	12 571	12 596	12 453	12 555	12 411	12 488	12 343
	lb	28,028	27,714	27,771	27,455	27,680	27,363	27,531	27,213
Breakout Force (§)	kN	181	179	173	172	170	169	165	164
	lbf	40,689	40,400	39,063	38,777	38,316	38,030	37,271	36,987
Operating Weight*	kg	19 671	19 779	19 740	19 848	19 764	19 872	19 800	19 908
	lb	43,366	43,604	43,519	43,757	43,572	43,810	43,652	43,890

* 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	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	3.10	3.10	3.40	3.40	3.60	3.60
	yd^3	4.00	4.00	4.50	4.50	4.75	4.75
Capacity – Rated at 110% Fill Factor	m^3	3.40	3.40	3.70	3.70	4.00	4.00
	yd^3	4.50	4.50	4.75	4.75	5.25	5.25
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	2825	2706	2767	2648	2741	2621
	ft/in	9'3"	8'10"	9'0"	8'8"	8'11"	8'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1481	1591	1524	1633	1545	1654
	ft/in	4'10"	5'2"	5'0"	5'4"	5'0"	5'5"
Reach at Level Lift Arm and Bucket Level	mm	2754	2915	2827	2988	2862	3023
	ft/in	9'0"	9'6"	9'3"	9'9"	9'4"	9'11"
A† Digging Depth	mm	102	102	102	102	102	102
	in	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8403	8576	8476	8649	8511	8684
	ft/in	27'7"	28'2"	27'10"	28'5"	28'0"	28'6"
B† Overall Height with Bucket at Maximum Lift	mm	5546	5546	5618	5618	5652	5652
	ft/in	18'3"	18'3"	18'6"	18'6"	18'7"	18'7"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6749	6836	6772	6859	6783	6870
	ft/in	22'2"	22'6"	22'3"	22'7"	22'4"	22'7"
Static Tipping Load, Straight (With tire deflection)	kg	13 221	13 081	13 084	12 942	13 016	12 874
	lb	29,147	28,838	28,845	28,533	28,696	28,382
Static Tipping Load, Straight (No tire deflection)	kg	14 023	13 881	13 889	13 746	13 823	13 679
	lb	30,915	30,602	30,621	30,305	30,476	30,159
Static Tipping Load, Articulated (With tire deflection)	kg	11 316	11 176	11 186	11 044	11 122	10 979
	lb	24,948	24,639	24,661	24,349	24,520	24,206
Static Tipping Load, Articulated (No tire deflection)	kg	12 128	11 987	12 002	11 859	11 940	11 796
	lb	26,739	26,426	26,461	26,145	26,323	26,006
Breakout Force (§)	kN	172	171	162	161	158	157
	lbf	38,737	38,451	36,582	36,299	35,623	35,340
Operating Weight*	kg	20 140	20 248	20 210	20 318	20 244	20 352
	lb	44,402	44,640	44,556	44,794	44,631	44,869

* 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
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges
Capacity – Rated	m^3	3.30	3.30	3.40	3.40	3.60	3.60	4.60
	yd^3	4.25	4.25	4.50	4.50	4.75	4.75	6.00
Capacity – Rated at 110% Fill Factor	m^3	3.60	3.60	3.70	3.70	4.00	4.00	5.00
	yd^3	4.75	4.75	4.75	4.75	5.25	5.25	6.50
Width	mm	2927	2994	2927	2994	2927	2994	3338
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	10'11"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2777	2652	2749	2624	2717	2592	2622
	ft/in	9'1"	8'8"	9'0"	8'7"	8'11"	8'6"	8'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1384	1486	1412	1514	1444	1546	1553
	ft/in	4'6"	4'10"	4'7"	4'11"	4'8"	5'0"	5'1"
Reach at Level Lift Arm and Bucket Level	mm	2737	2898	2777	2938	2822	2983	2967
	ft/in	8'11"	9'6"	9'1"	9'7"	9'3"	9'9"	9'8"
A† Digging Depth	mm	102	102	102	102	102	102	92
	in	4"	4"	4"	4"	4"	4"	3.6"
12† Overall Length	mm	8386	8559	8426	8599	8471	8644	8609
	ft/in	27'7"	28'1"	27'8"	28'3"	27'10"	28'5"	28'3"
B† Overall Height with Bucket at Maximum Lift	mm	5515	5515	5554	5554	5602	5602	5502
	ft/in	18'2"	18'2"	18'3"	18'3"	18'5"	18'5"	18'1"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6748	6834	6760	6847	6774	6861	6999
	ft/in	22'2"	22'6"	22'3"	22'6"	22'3"	22'7"	23'0"
Static Tipping Load, Straight (With tire deflection)	kg	13 573	13 432	13 491	13 350	13 400	13 259	13 070
	lb	29,923	29,614	29,743	29,433	29,543	29,231	28,816
Static Tipping Load, Straight (No tire deflection)	kg	14 367	14 226	14 288	14 145	14 199	14 056	13 849
	lb	31,675	31,363	31,500	31,186	31,304	30,988	30,533
Static Tipping Load, Articulated (With tire deflection)	kg	11 664	11 524	11 587	11 446	11 501	11 359	11 205
	lb	25,715	25,406	25,545	25,235	25,356	25,044	24,704
Static Tipping Load, Articulated (No tire deflection)	kg	12 469	12 328	12 394	12 252	12 311	12 167	11 996
	lb	27,491	27,179	27,326	27,012	27,141	26,825	26,447
Breakout Force (§)	kN	174	173	169	167	163	162	147
	lbf	39,241	38,955	38,002	37,717	36,690	36,407	33,132
Operating Weight*	kg	19 726	19 834	19 766	19 874	19 810	19 918	19 890
	lb	43,487	43,725	43,576	43,814	43,673	43,911	43,849

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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 – Hook-On – Fusion**			
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	2707	2581	2675	2549
	ft/in	8'10"	8'5"	8'9"	8'4"
17† Reach at Maximum Lift and 45° Discharge	mm	1455	1557	1486	1589
	ft/in	4'9"	5'1"	4'10"	5'2"
Reach at Level Lift Arm and Bucket Level	mm	2837	2998	2882	3043
	ft/in	9'3"	9'10"	9'5"	9'11"
A† Digging Depth	mm	102	102	102	102
	in	4"	4"	4"	4"
12† Overall Length	mm	8486	8659	8531	8704
	ft/in	27'11"	28'5"	28'0"	28'7"
B† Overall Height with Bucket at Maximum Lift	mm	5588	5588	5631	5631
	ft/in	18'4"	18'4"	18'6"	18'6"
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6775	6862	6789	6877
	ft/in	22'3"	22'7"	22'4"	22'7"
Static Tipping Load, Straight (With tire deflection)	kg	12 930	12 790	12 845	12 704
	lb	28,507	28,198	28,318	28,008
Static Tipping Load, Straight (No tire deflection)	kg	13 716	13 574	13 632	13 489
	lb	30,239	29,927	30,054	29,740
Static Tipping Load, Articulated (With tire deflection)	kg	11 054	10 914	10 973	10 832
	lb	24,370	24,061	24,192	23,881
Static Tipping Load, Articulated (No tire deflection)	kg	11 851	11 709	11 772	11 629
	lb	26,128	25,815	25,954	25,639
Breakout Force (§)	kN	161	160	156	154
	lbf	36,293	36,010	35,090	34,809
Operating Weight*	kg	20 213	20 321	20 253	20 361
	lb	44,561	44,799	44,649	44,887

* 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 – Pin-On			
	Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
	Capacity – Rated	m^3	5.10	6.10	7.60	9.20
		yd^3	6.75	8.00	10.00	12.00
	Capacity – Rated at 110% Fill Factor	m^3	5.60	6.70	8.40	10.10
		yd^3	7.25	8.75	11.00	13.25
	Width	mm	3029	2910	3350	3350
		ft/in	9'11"	9'6"	10'11"	10'11"
16†	Dump Clearance at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	4568	4589	4462	4298
		ft/in	14'10"	15'1"	14'6"	14'1"
17†	Reach at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	1757	1833	1870	2031
		ft/in	5'8"	6'0"	6'1"	6'7"
	Reach at Level Lift Arm and Bucket Level	mm	3207	3311	3543	3743
		ft/in	10'6"	10'10"	11'7"	12'3"
A†	Digging Depth	mm	94	168	72	72
		in	3.7"	6.6"	2.8"	2.8"
12†	Overall Length	mm	8850	9007	9192	9392
		ft/in	29'1"	29'7"	30'2"	30'10"
B†	Overall Height at Maximum Height and High Dump Fully Rolled Out (45˚)	mm	6674	6868	6818	6972
		ft/in	21'9"	22'5"	22'4"	22'9"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm	6938	6947	7193	7262
		ft/in	22'10"	22'10"	23'8"	23'10"
	Static Tipping Load, Straight (With tire deflection)	kg	12 003	11 050	10 824	10 497
		lb	26,463	24,362	23,863	23,143
	Static Tipping Load, Straight (No tire deflection)	kg	12 797	11 829	11 636	11 313
		lb	28,213	26,080	25,652	24,941
	Static Tipping Load, Articulated (With tire deflection)	kg	10 186	9269	9026	8718
		lb	22,457	20,435	19,901	19,221
	Static Tipping Load, Articulated (No tire deflection)	kg	10 992	10 059	9850	9545
		lb	24,233	22,177	21,715	21,044
	Breakout Force (§)	kN	123	114	104	93
		lbf	27,694	25,628	23,412	20,922
	Operating Weight*	kg	20 518	21 280	21 646	21 818
		lb	45,233	46,913	47,720	48,099

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

† Illustration shown with Dimension charts.

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

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

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

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

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

950 Wheel Loader Specifications

Operating Specifications – Buckets *(continued)*

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

* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, 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.

Fork Specifications

Fork Specifications

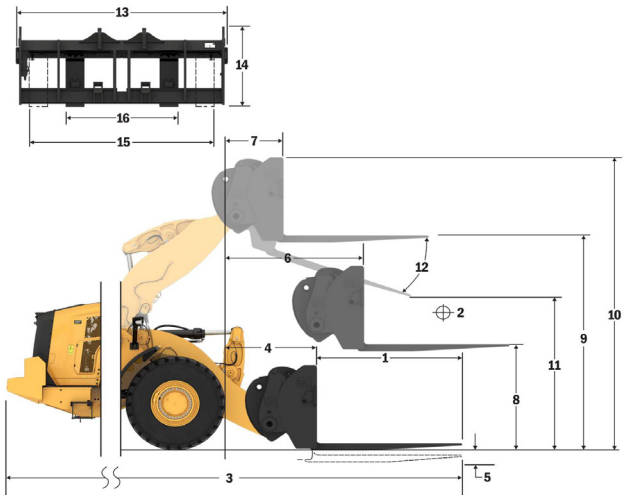
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9625 21213
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8341 18383
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4170 9191
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

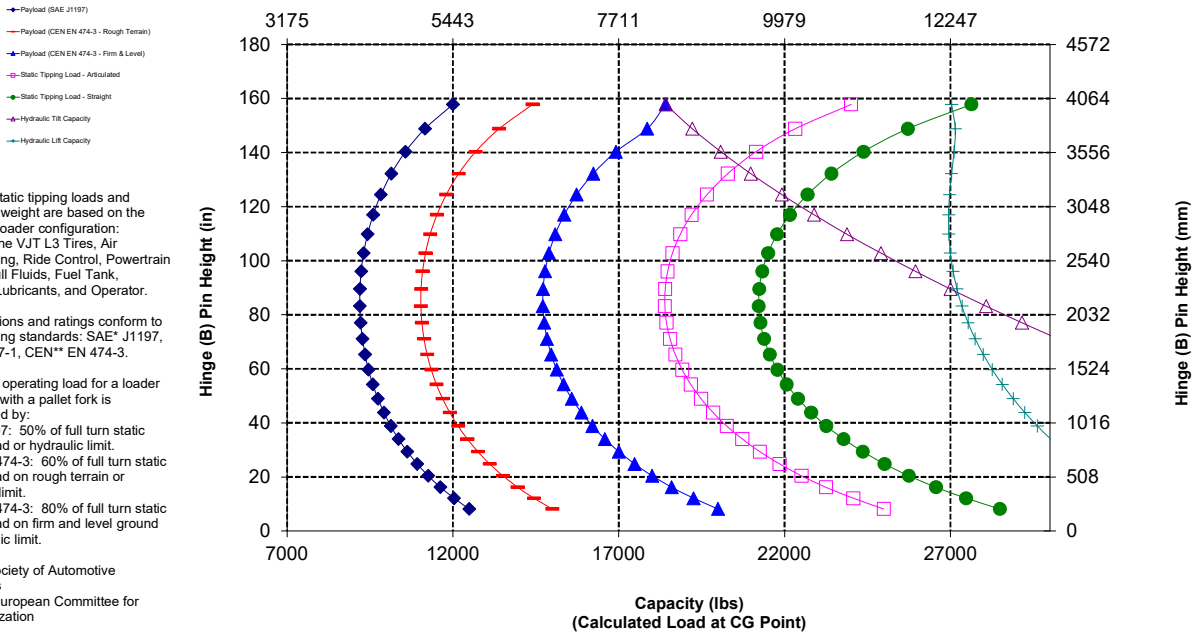
*Negative values indicate below grade

950 STD

Pallet Fork, FUSION	87" Carriage	60" Tine
	530-1861	548-3265

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





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

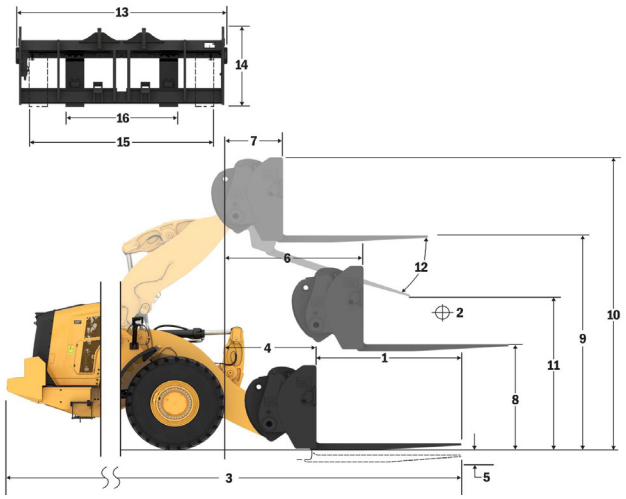
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9158 20184
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7930 17477
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3965 8739
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4758 10486
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6344 13982
3	Maximum Overall Length	mm in	9286 365.6
4	Reach with Forks at Ground Level	mm in	1258 49.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-160 -6.3
6	Reach with Arms Horizontal and Forks Level	mm in	1752 69.0
7	Reach with Fork at Maximum Height	mm in	1037 40.8
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1772 69.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3707 145.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4482 176.4
11	Clearance at Full Lift and Max Dump	mm in	2105 82.9
12	Max Discharge Angle from Horizontal	deg	47
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	18997 41870

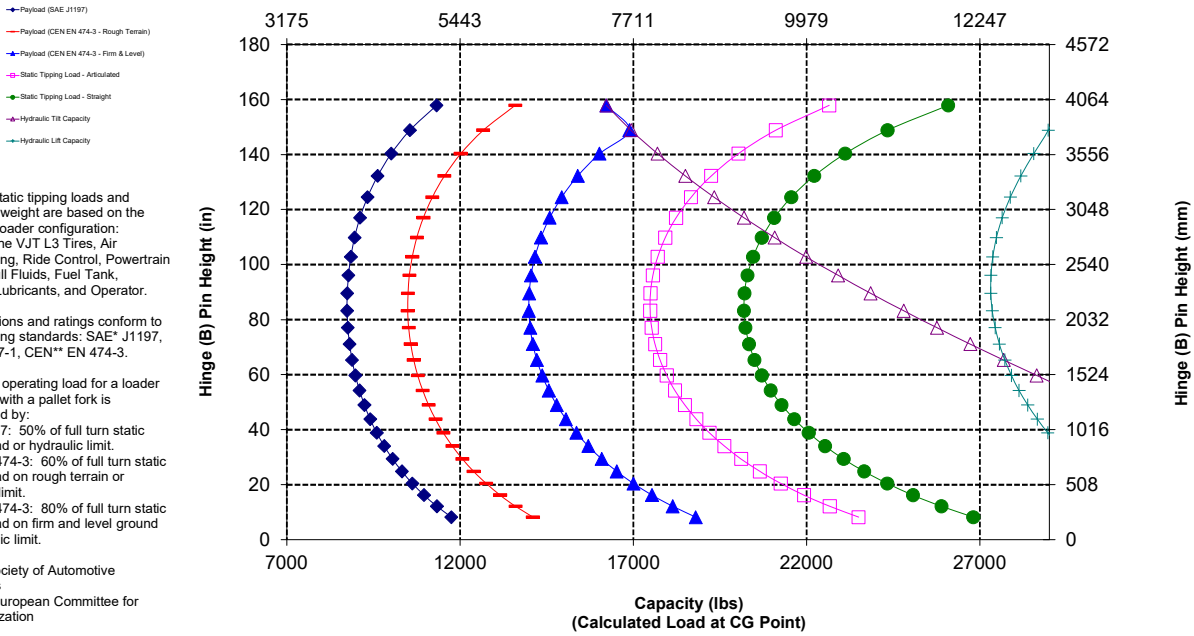
*Negative values indicate below grade

950 STD

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

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





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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.

Fork Specifications

Fork Specifications

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

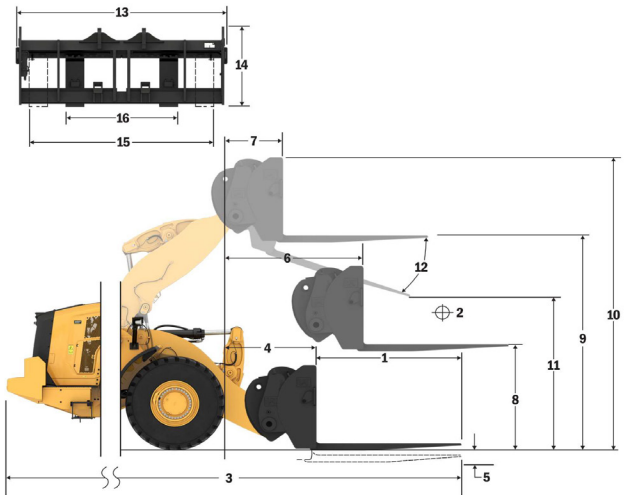
*Negative values indicate below grade

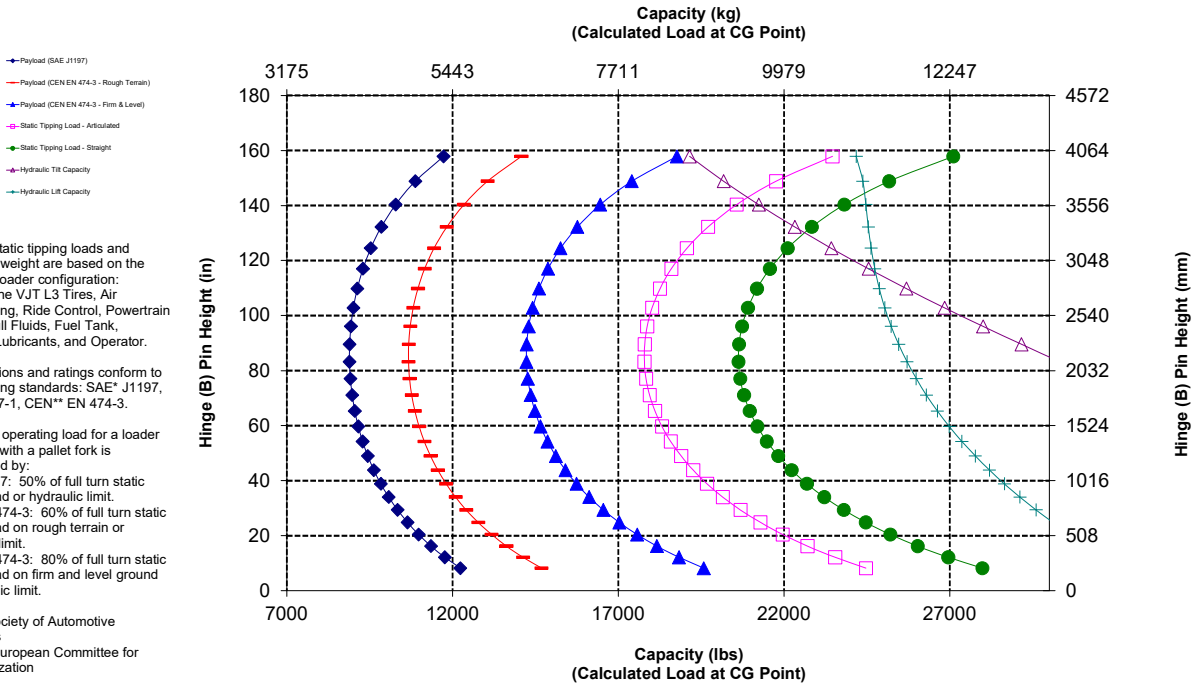
950 STD

Construction Fork, FUSION

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

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





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	8883 19579
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7652 16864
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3826 8432
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4591 10118
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6121 13491
3	Maximum Overall Length	mm in	9240 363.8
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	2029 79.9
12	Max Discharge Angle from Horizontal	deg	53
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	19386 42727

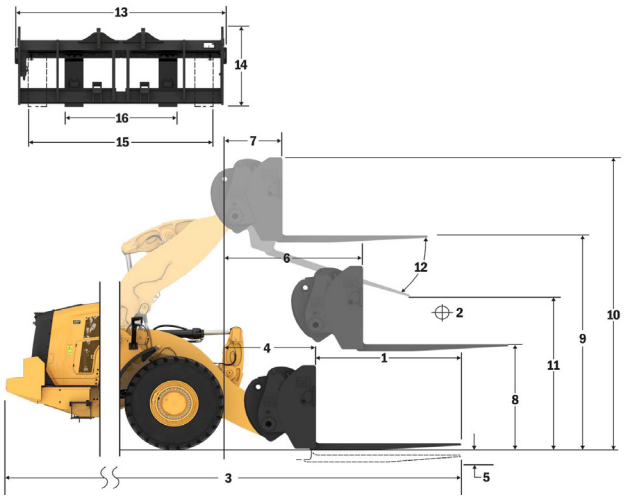
*Negative values indicate below grade

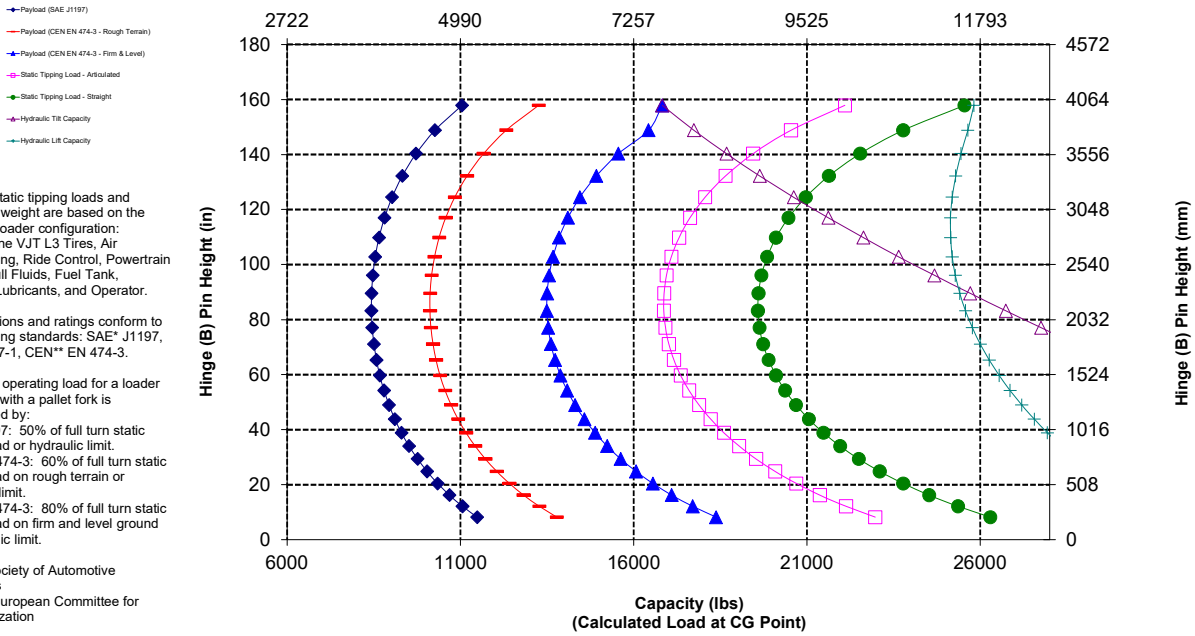
950 STD

Construction Fork, FUSION

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

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





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	8443 18609
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7263 16008
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3631 8004
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4358 9605
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5810 12806
3	Maximum Overall Length	mm in	9545 375.8
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1786 70.3
12	Max Discharge Angle from Horizontal	deg	53
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	19449 42866

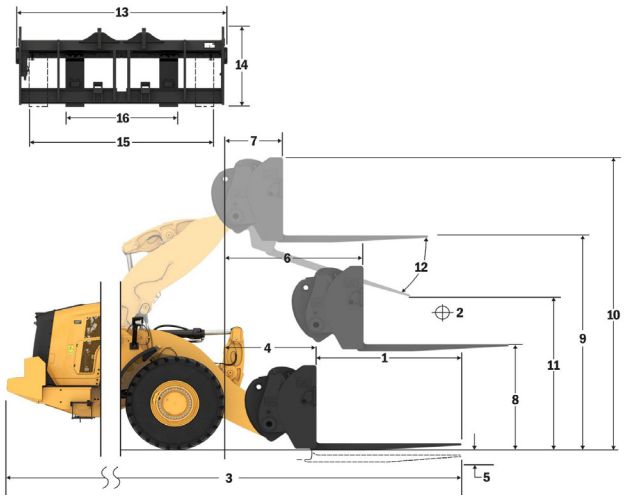
*Negative values indicate below grade

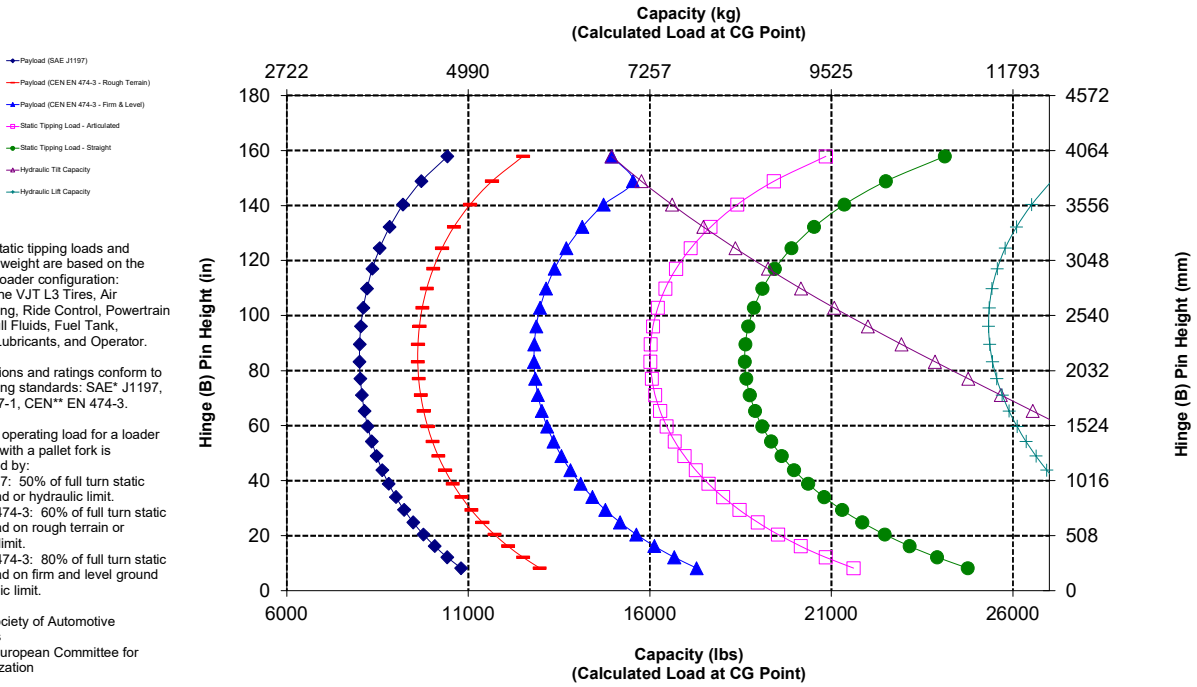
950 STD

Construction Fork, FUSION

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

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





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	8036 17712
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6903 15214
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3452 7607
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4142 9129
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5522 12171
3	Maximum Overall Length	mm in	9849 387.7
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1544 60.8
12	Max Discharge Angle from Horizontal	deg	53
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	19511 43003

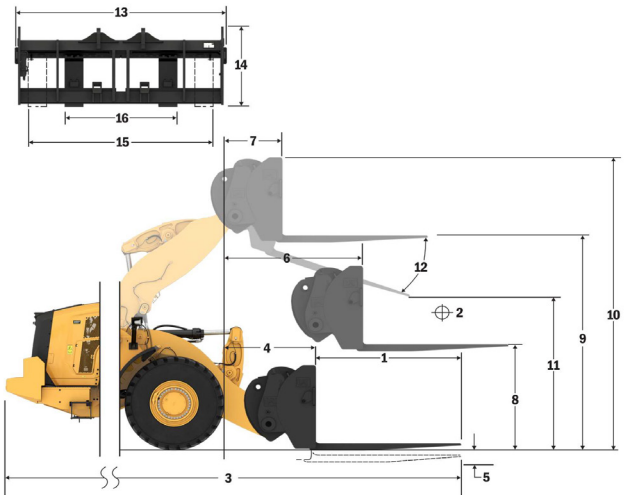
*Negative values indicate below grade

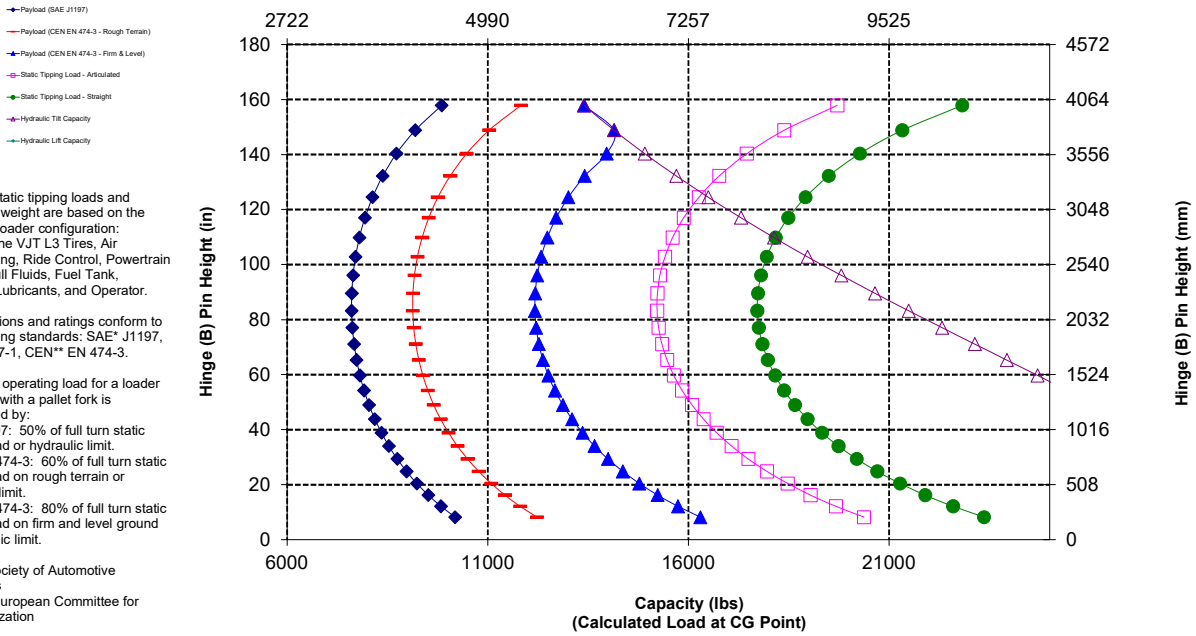
950 STD

Construction Fork, FUSION

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

*Build 14A
*Parallel 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	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9321 20543
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8033 17705
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4017 8852
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4820 10623
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6426 14164
3	Maximum Overall Length	mm in	8935 351.8
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	2272 89.5
12	Max Discharge Angle from Horizontal	deg	53
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	17800 39231
	Operating Weight	kg lbs	19374 42701

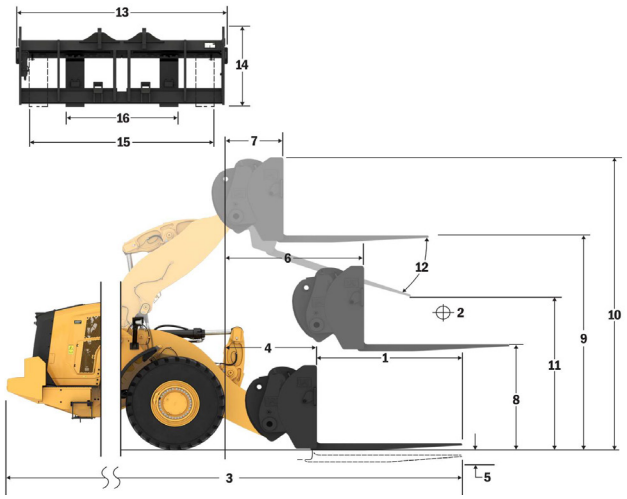
*Negative values indicate below grade

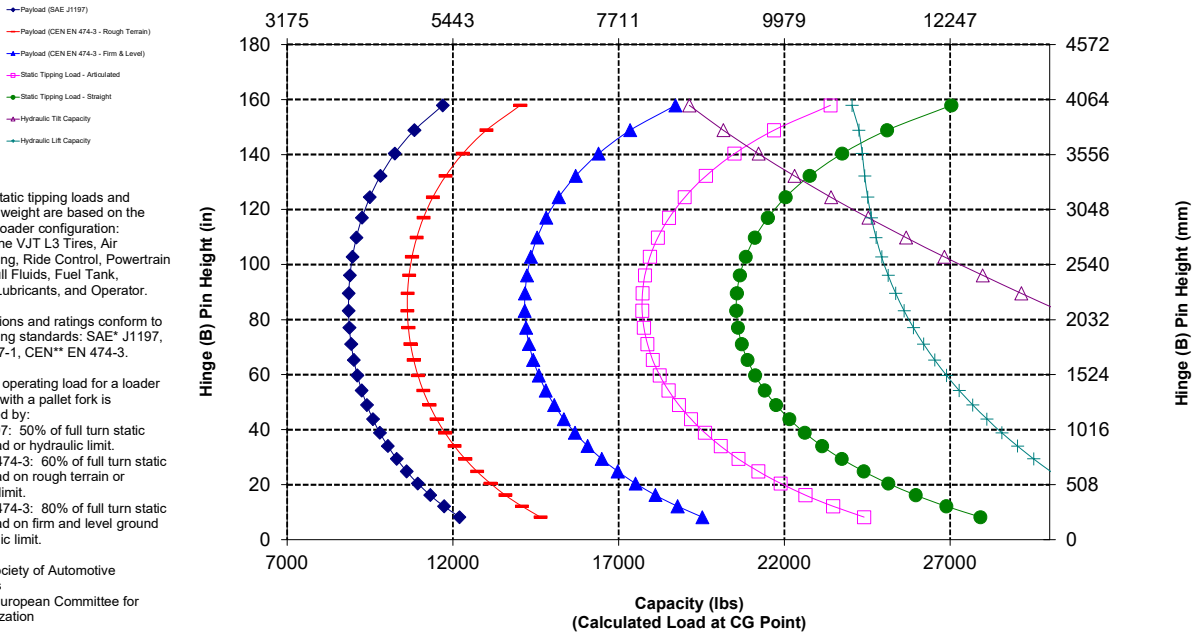
950 STD

Construction Fork, FUSION

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

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





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	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8849 19502
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7617 16788
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3808 8394
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4570 10073
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6094 13430
3	Maximum Overall Length	mm in	9240 363.8
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	2029 79.9
12	Max Discharge Angle from Horizontal	deg	53
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	19436 42838

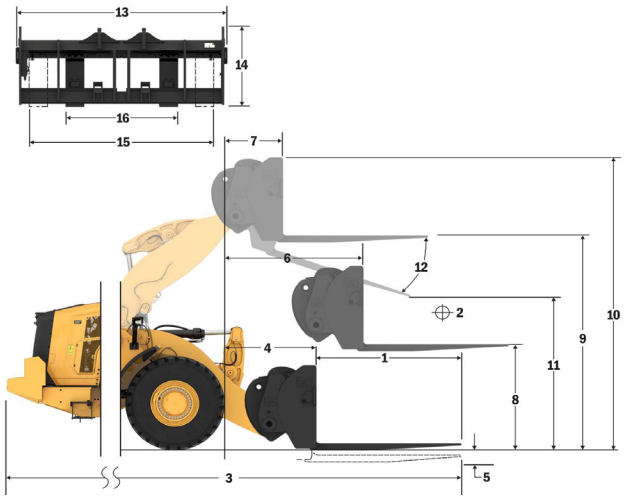
*Negative values indicate below grade

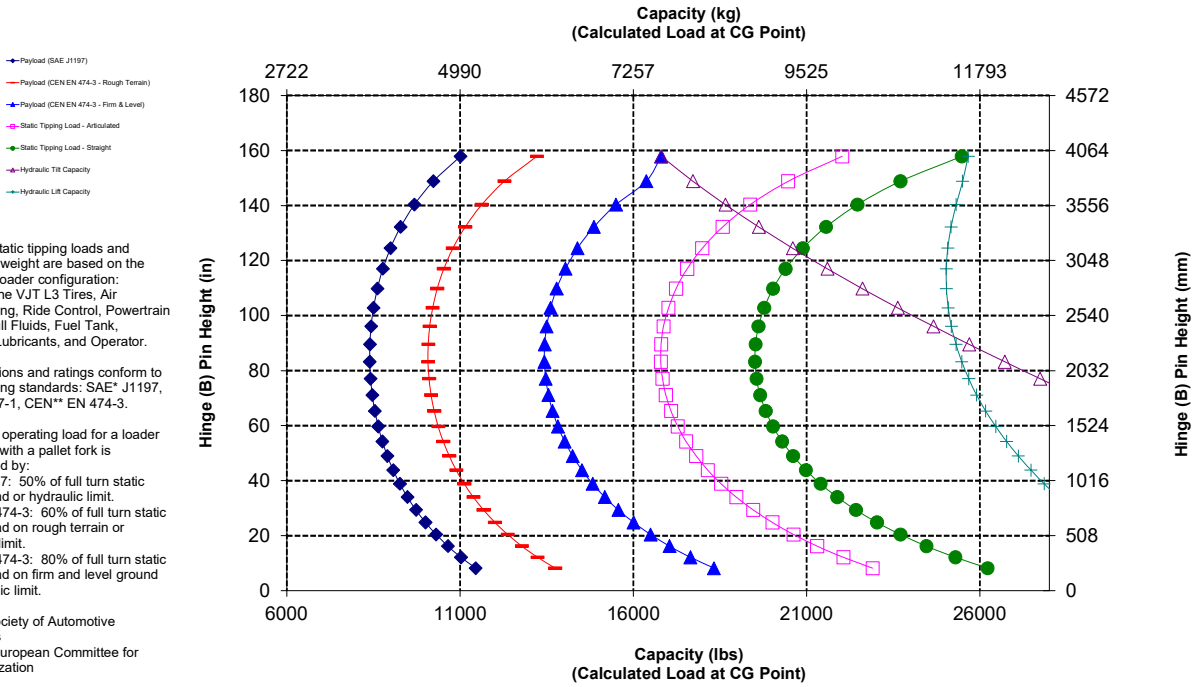
950 STD

Construction Fork, FUSION

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

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





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	8411 18538
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7231 15937
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3615 7968
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4338 9562
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5785 12749
3	Maximum Overall Length	mm in	9545 375.8
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1786 70.3
12	Max Discharge Angle from Horizontal	deg	53
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	19498 42974

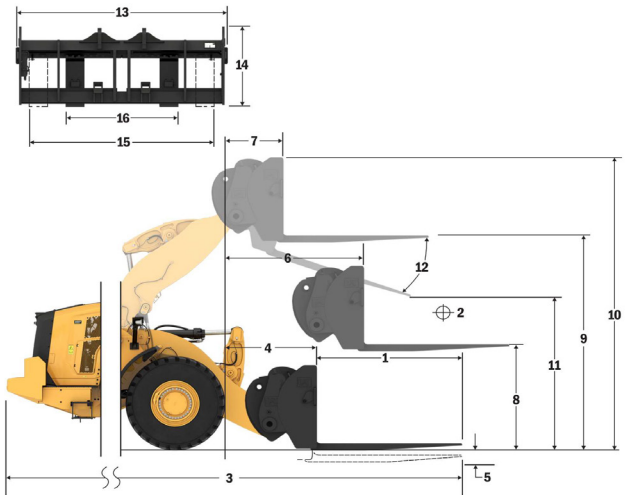
*Negative values indicate below grade

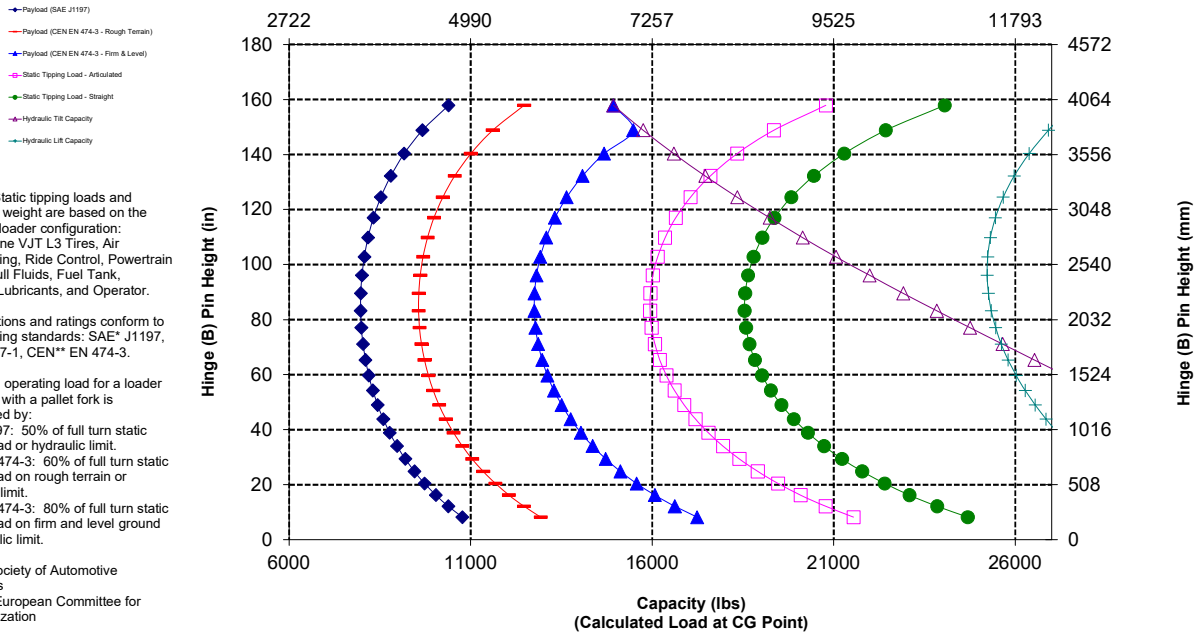
950 STD

Construction Fork, FUSION

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

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





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	8004 17642
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6871 15144
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3436 7572
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4123 9087
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5497 12115
3	Maximum Overall Length	mm in	9849 387.7
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1544 60.8
12	Max Discharge Angle from Horizontal	deg	53
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	19561 43113

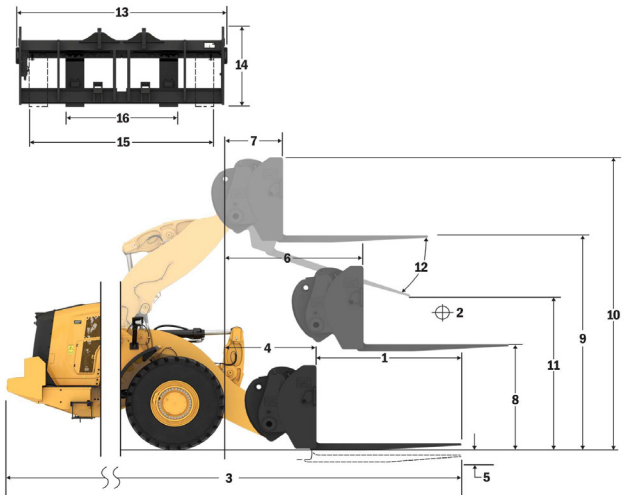
*Negative values indicate below grade

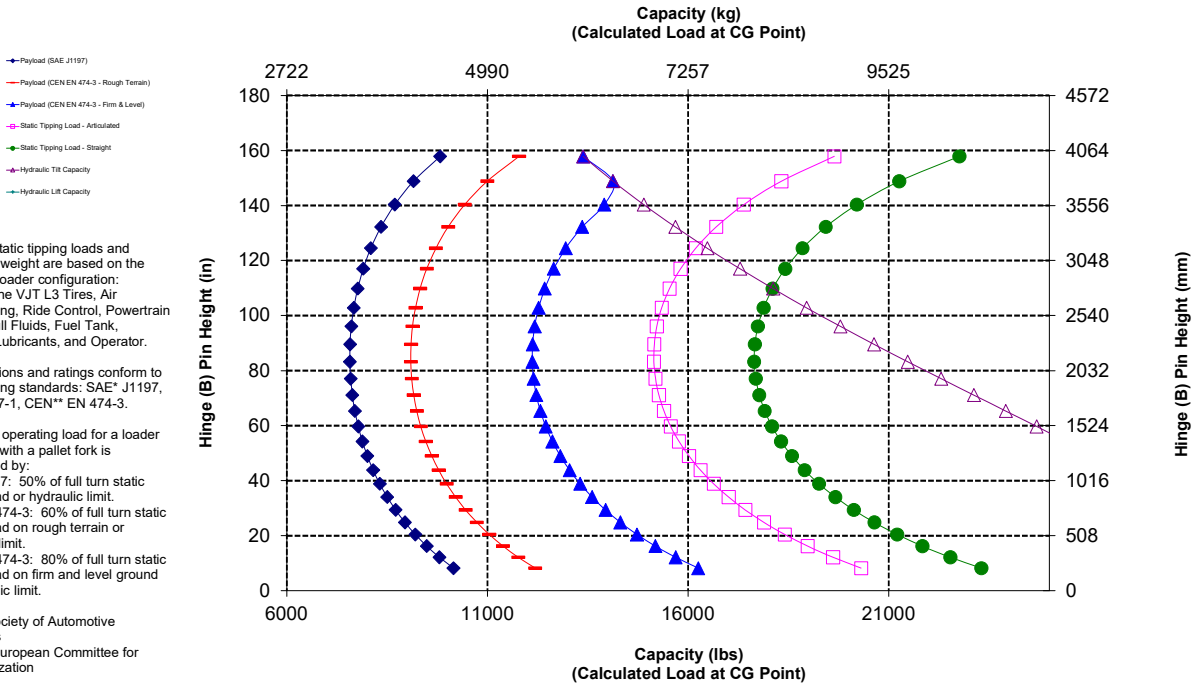
950 STD

Construction Fork, FUSION

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

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





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.

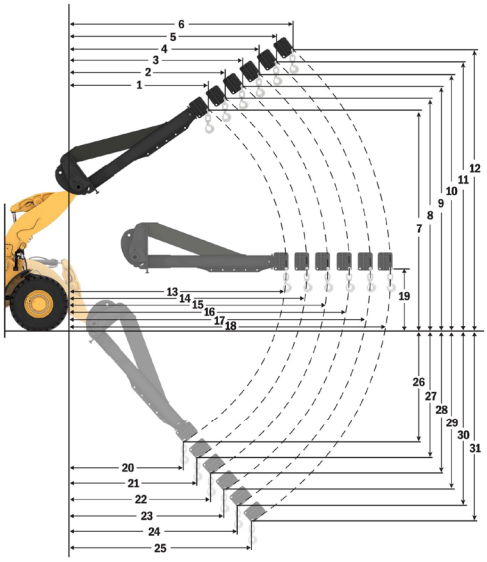
Material Handling Arm Specifications

950 STD

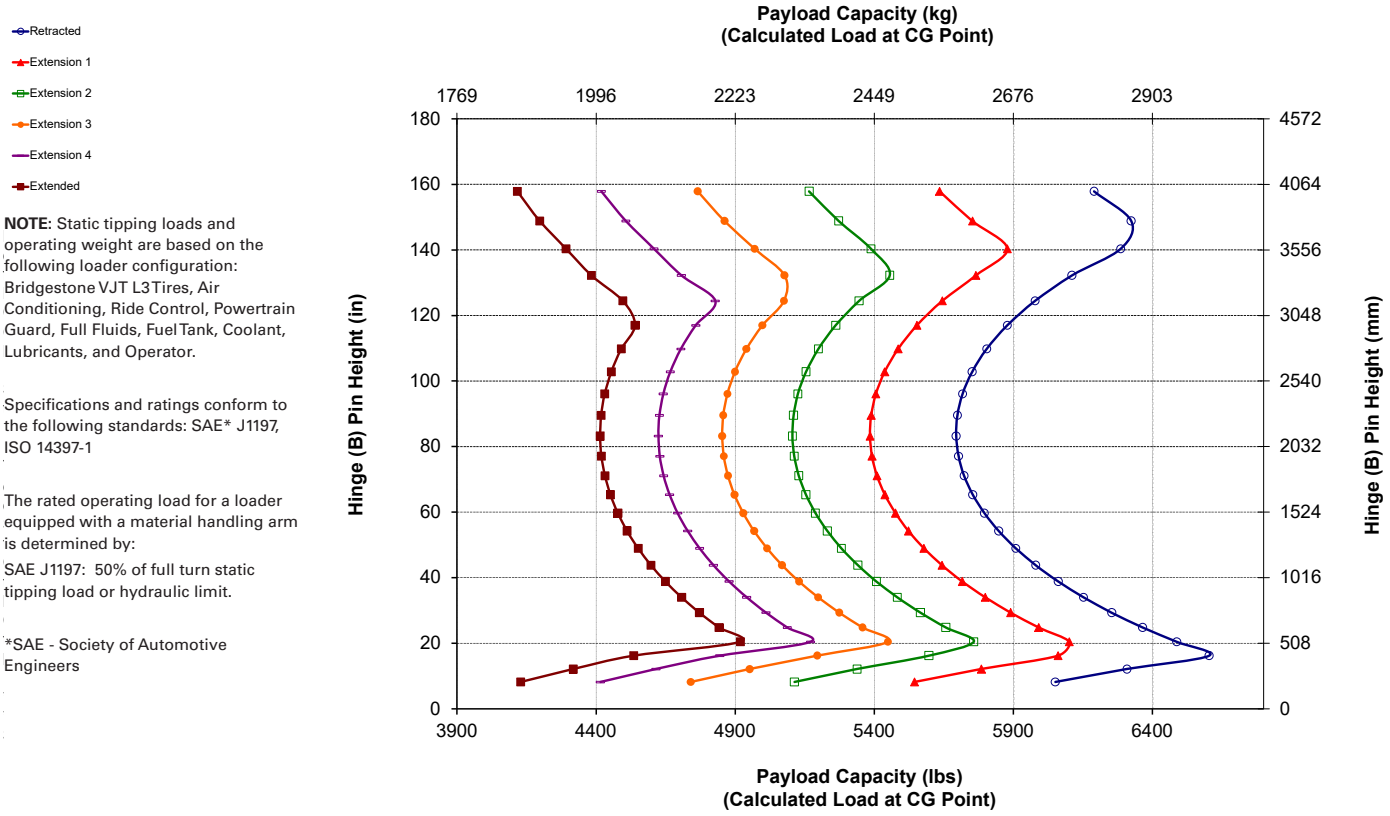
289-9885

Material Handling Arm, FUSION — 6 Position

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



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

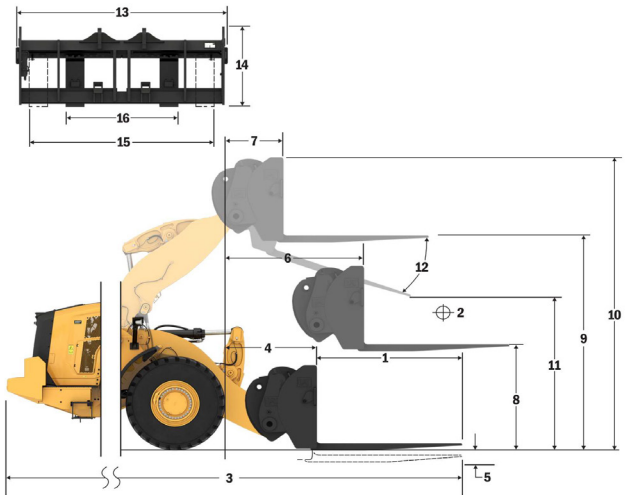
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8954 19734
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7704 16980
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3852 8490
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

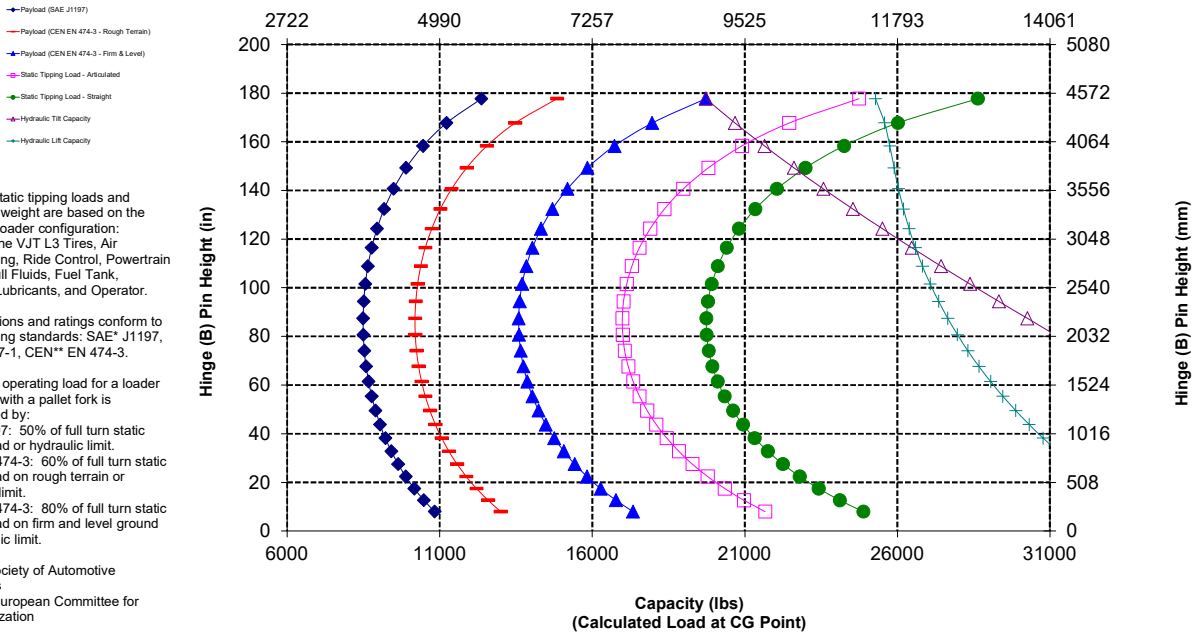
*Negative values indicate below grade

950 HL

	87" Carriage	60" Tine
Pallet Fork, FUSION	**530-1861**	**548-3265**

*Build 14A
*Parallel 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

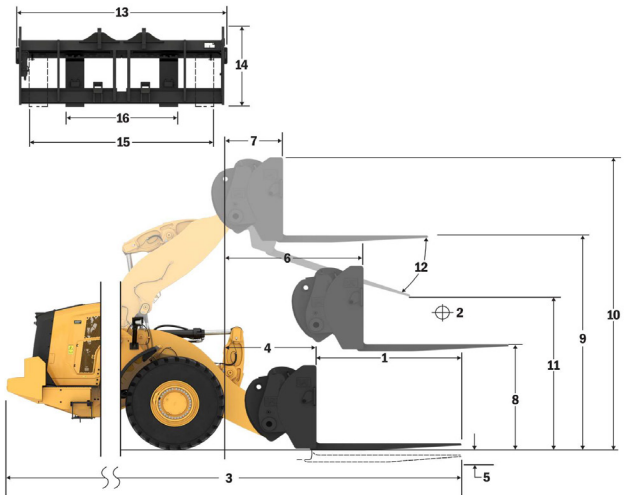
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8553 18851
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7353 16206
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3677 8103
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4412 9724
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5883 12965
3	Maximum Overall Length	mm in	9754 384.0
4	Reach with Forks at Ground Level	mm in	1697 66.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-164 -6.5
6	Reach with Arms Horizontal and Forks Level	mm in	2127 83.7
7	Reach with Fork at Maximum Height	mm in	1072 42.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1772 69.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4212 165.8
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4987 196.3
11	Clearance at Full Lift and Max Dump	mm in	2675 105.3
12	Max Discharge Angle from Horizontal	deg	44
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	19658 43326

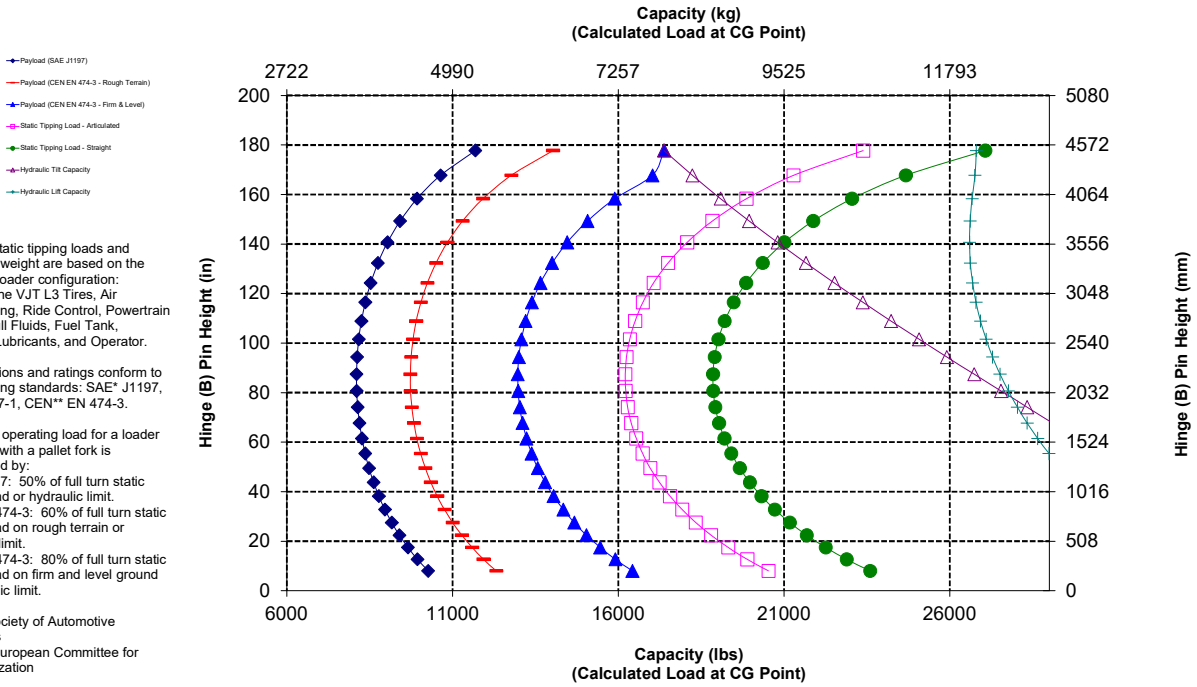
*Negative values indicate below grade

950 HL

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

*Build 14A
*Parallel 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	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8672 19114
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7420 16353
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3710 8177
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4452 9812
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5936 13083
3	Maximum Overall Length	mm in	9408 370.4
4	Reach with Forks at Ground Level	mm in	1657 65.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4318 170.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5358 210.9
11	Clearance at Full Lift and Max Dump	mm in	2826 111.3
12	Max Discharge Angle from Horizontal	deg	50
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	17800 39231
	Operating Weight	kg lbs	19986 44049

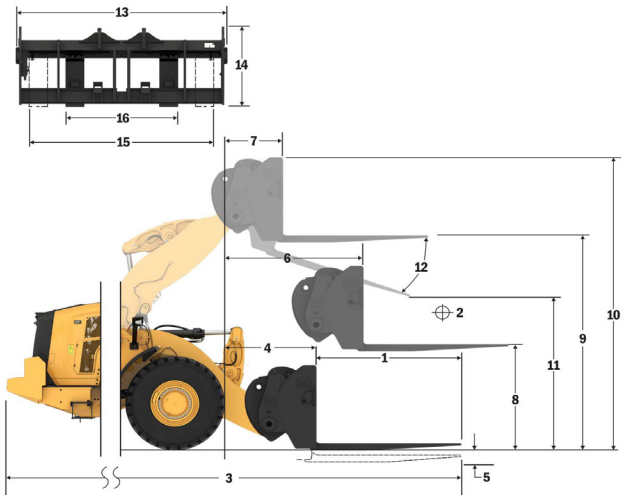
*Negative values indicate below grade

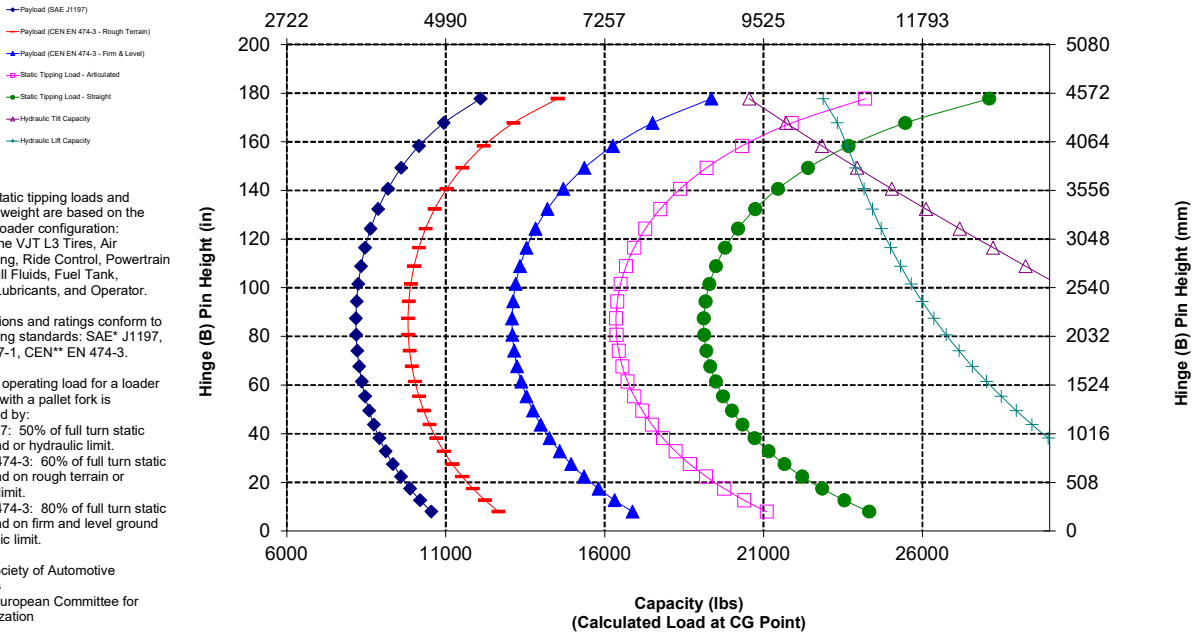
950 HL

Construction Fork, FUSION

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

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





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	8266 18218
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7063 15566
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3531 7783
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4238 9340
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5650 12453
3	Maximum Overall Length	mm in	9713 382.4
4	Reach with Forks at Ground Level	mm in	1657 65.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4318 170.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5358 210.9
11	Clearance at Full Lift and Max Dump	mm in	2592 102.1
12	Max Discharge Angle from Horizontal	deg	50
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	20047 44183

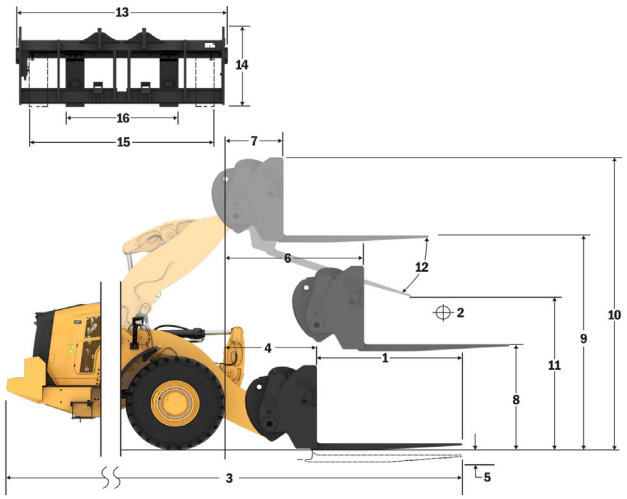
*Negative values indicate below grade

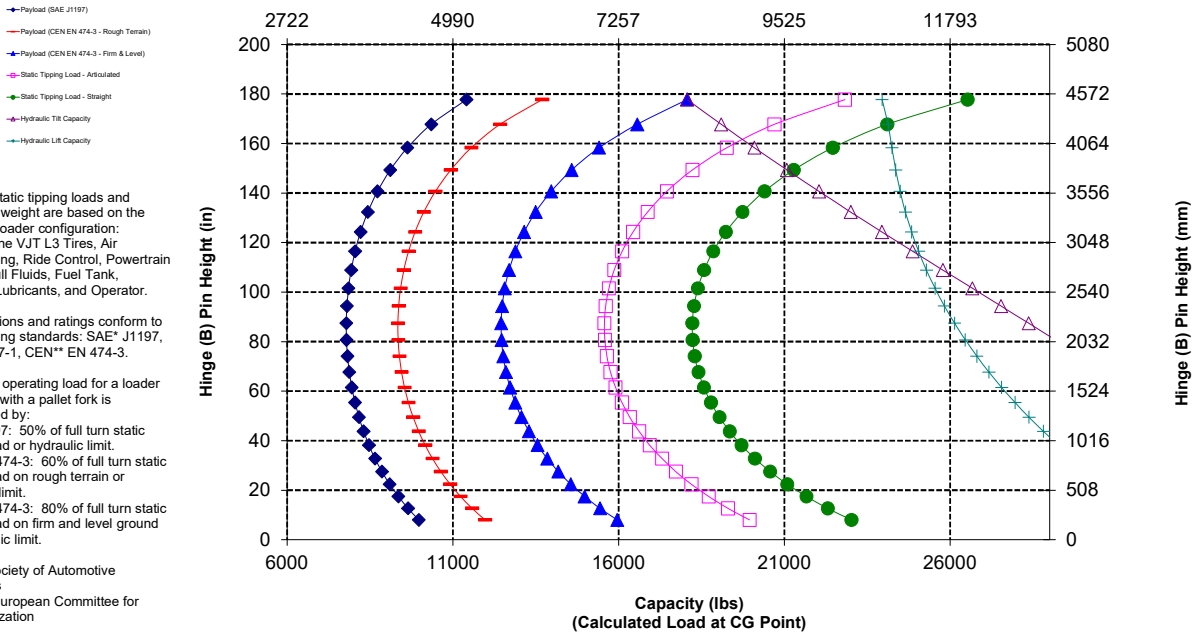
950 HL

Construction Fork, FUSION

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

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





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.

950 Wheel Loader 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	7884 17376
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6726 14825
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3363 7413
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4036 8895
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5381 11860
3	Maximum Overall Length	mm in	10018 394.4
4	Reach with Forks at Ground Level	mm in	1657 65.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4318 170.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5358 210.9
11	Clearance at Full Lift and Max Dump	mm in	2358 92.8
12	Max Discharge Angle from Horizontal	deg	50
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	20110 44322

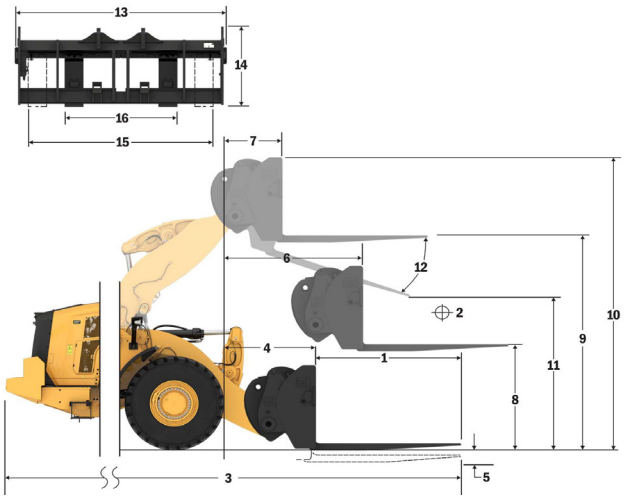
*Negative values indicate below grade

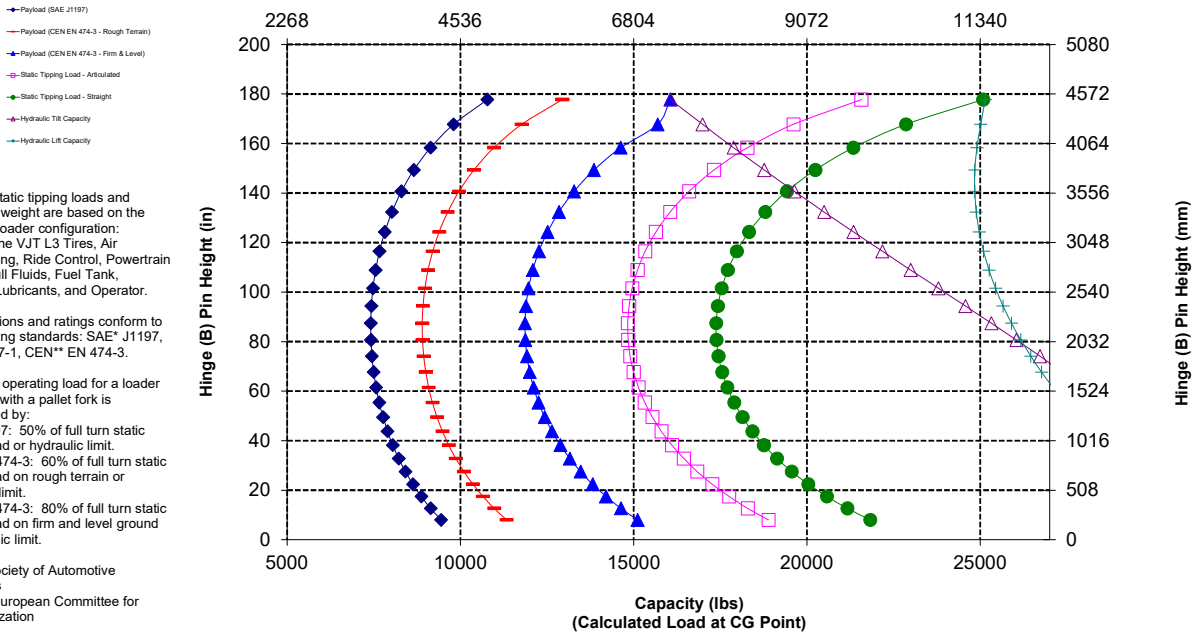
950 HL

Construction Fork, FUSION

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

*Build 14A
*Parallel 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	7528 16592
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6412 14133
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3206 7067
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3847 8480
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5130 11306
3	Maximum Overall Length	mm in	10322 406.4
4	Reach with Forks at Ground Level	mm in	1657 65.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4318 170.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5358 210.9
11	Clearance at Full Lift and Max Dump	mm in	2125 83.7
12	Max Discharge Angle from Horizontal	deg	50
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	20172 44459

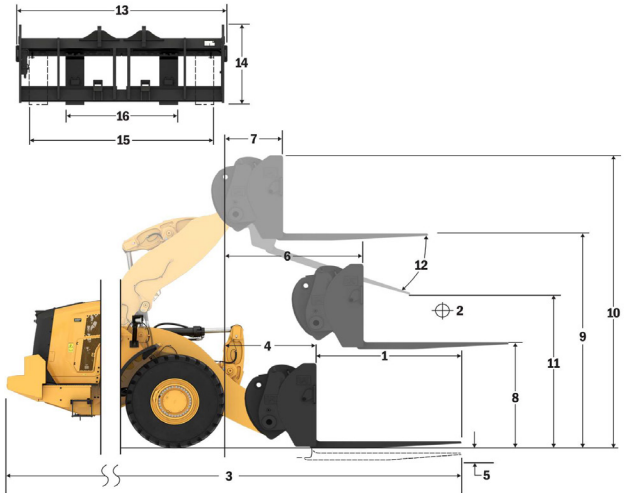
*Negative values indicate below grade

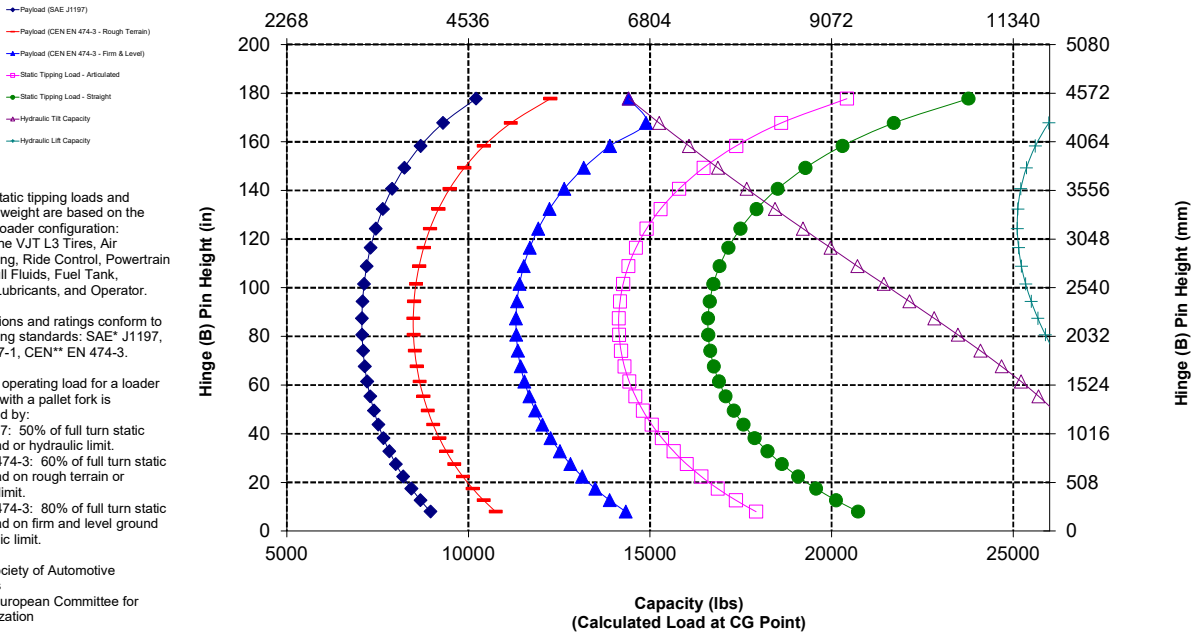
950 HL

Construction Fork, FUSION

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

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

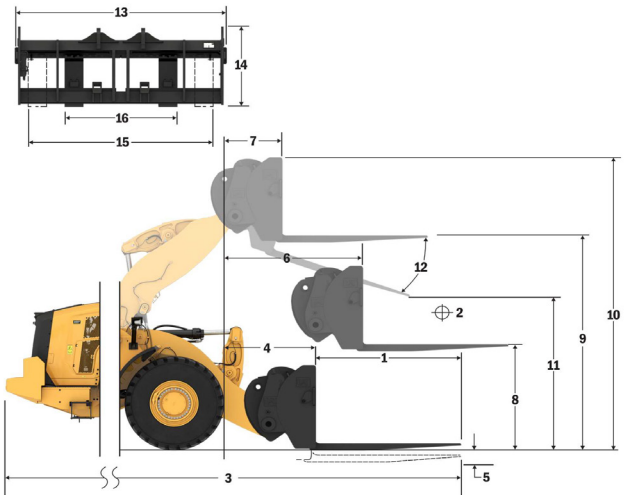
*Negative values indicate below grade

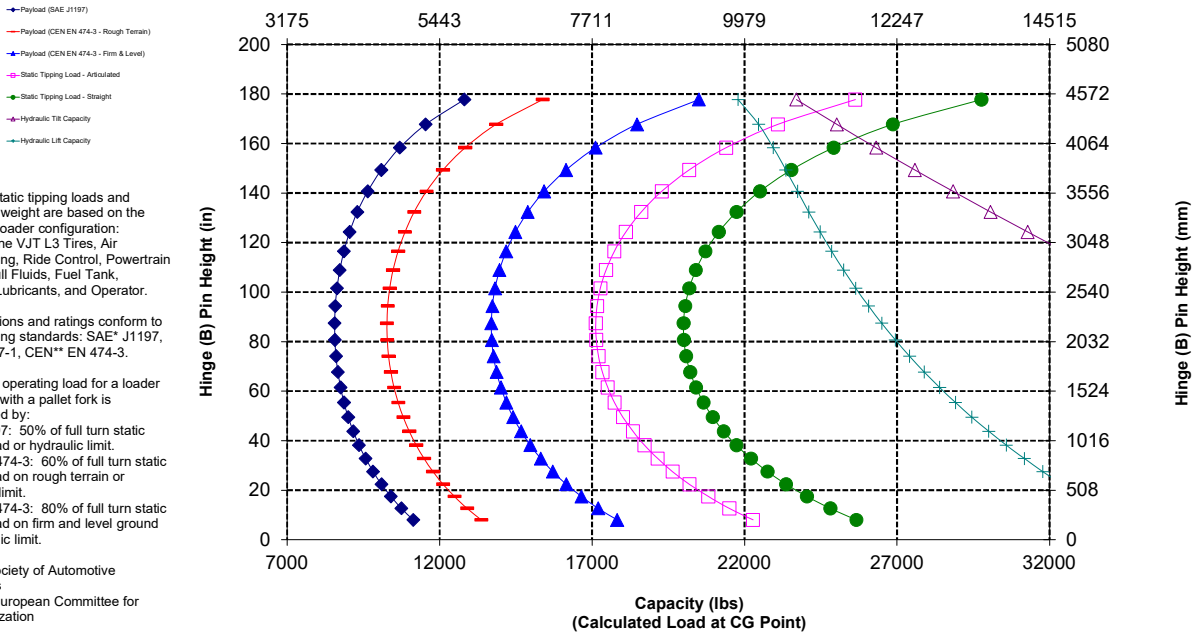
950 HL

Construction Fork, FUSION

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

*Build 14A
*Parallel 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.
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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.

Fork Specifications

Fork Specifications

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

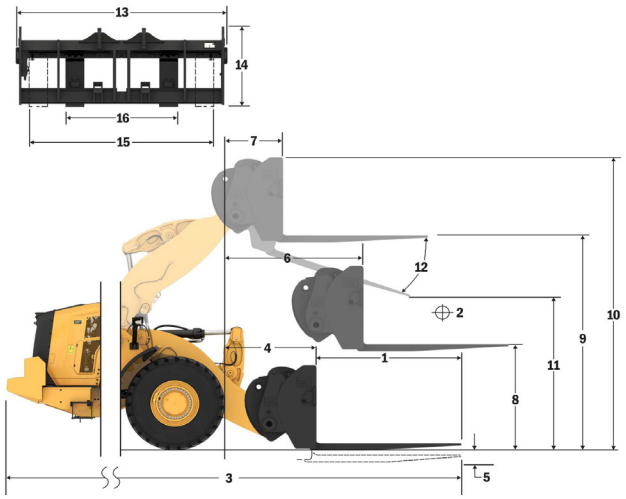
*Negative values indicate below grade

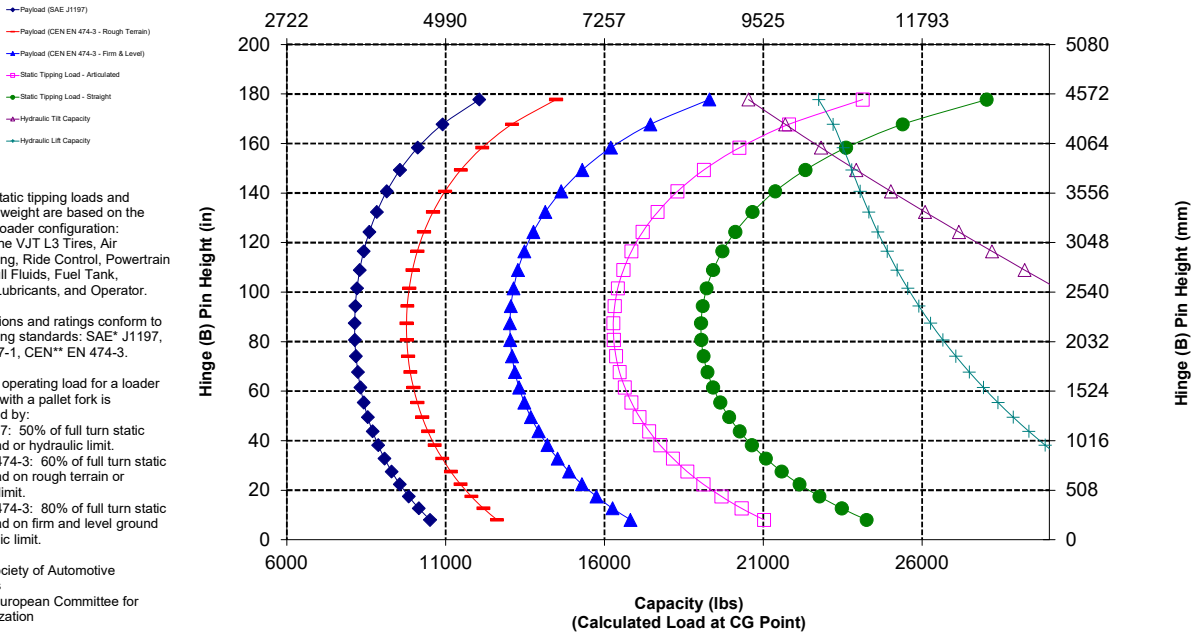
950 HL

Construction Fork, FUSION

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

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





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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The rated operating load for a loader equipped with a pallet fork is determined by:
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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.

950 Wheel Loader 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	8230 18139
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7027 15487
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3513 7743
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4216 9292
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5621 12389
3	Maximum Overall Length	mm in	9713 382.4
4	Reach with Forks at Ground Level	mm in	1657 65.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4318 170.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5358 210.9
11	Clearance at Full Lift and Max Dump	mm in	2592 102.1
12	Max Discharge Angle from Horizontal	deg	50
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	20097 44293

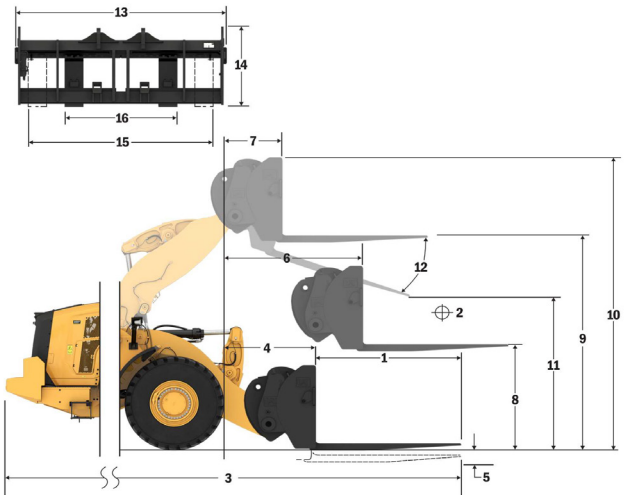
*Negative values indicate below grade

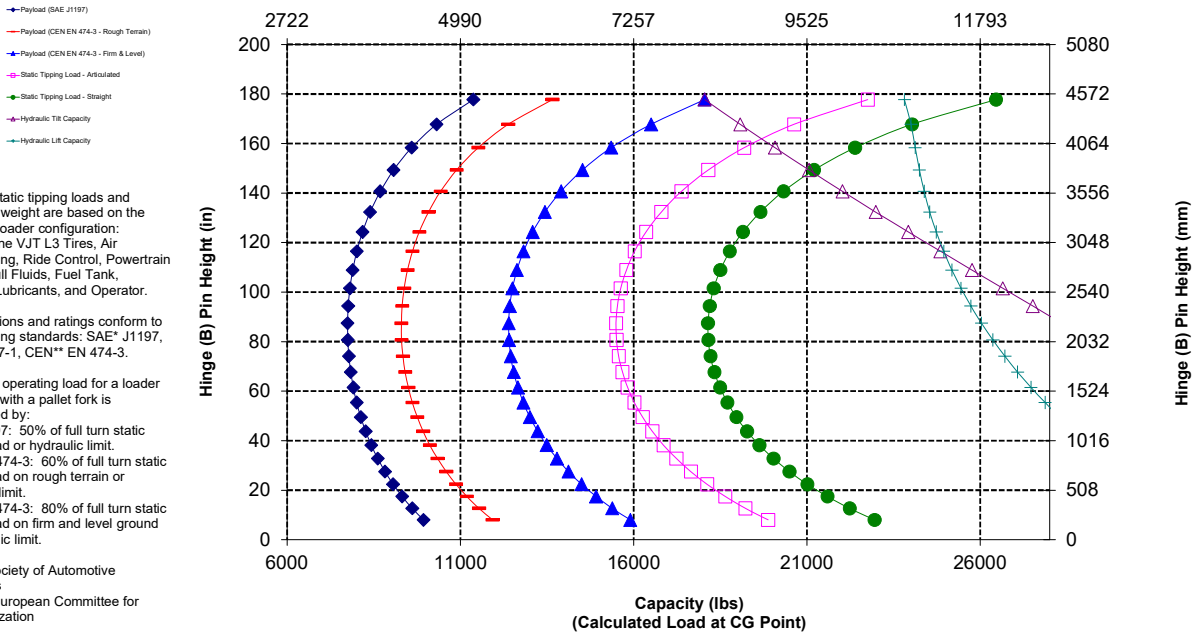
950 HL

Construction Fork, FUSION

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

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





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	7850 17302
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6693 14751
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3346 7375
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4016 8850
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5354 11801
3	Maximum Overall Length	mm in	10018 394.4
4	Reach with Forks at Ground Level	mm in	1657 65.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4318 170.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5358 210.9
11	Clearance at Full Lift and Max Dump	mm in	2358 92.8
12	Max Discharge Angle from Horizontal	deg	50
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	20159 44430

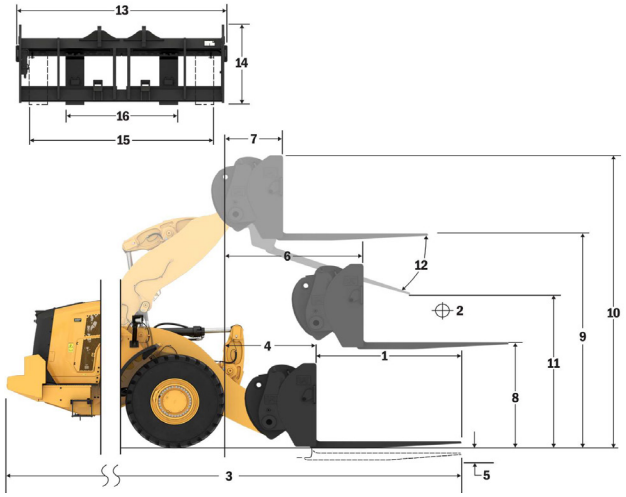
*Negative values indicate below grade

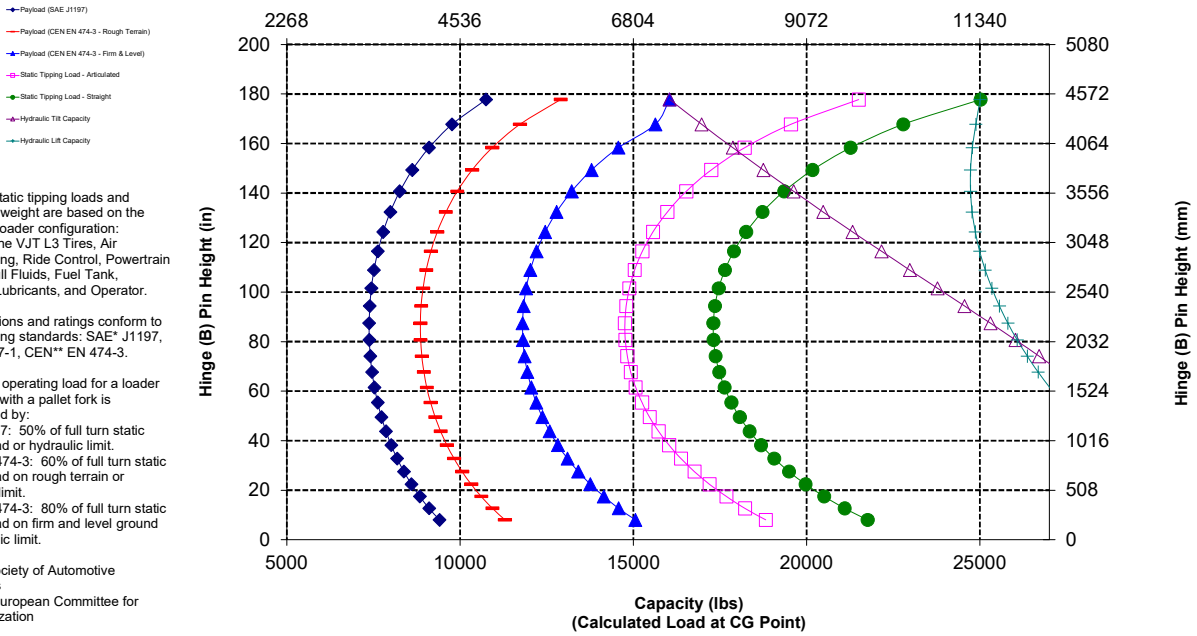
950 HL

Construction Fork, FUSION

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

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





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	7495 16518
	Static Tipping Load - Articulated (Forks Level)	kg lbs	6379 14059
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3190 7030
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	3827 8436
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5103 11248
3	Maximum Overall Length	mm in	10322 406.4
4	Reach with Forks at Ground Level	mm in	1657 65.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4318 170.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5358 210.9
11	Clearance at Full Lift and Max Dump	mm in	2125 83.7
12	Max Discharge Angle from Horizontal	deg	50
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	20222 44569

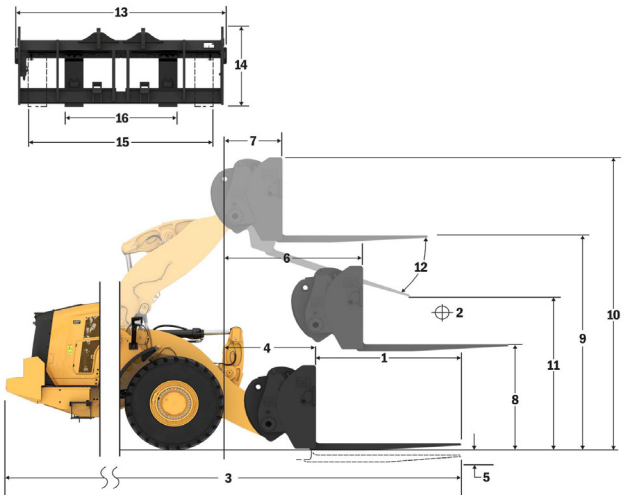
*Negative values indicate below grade

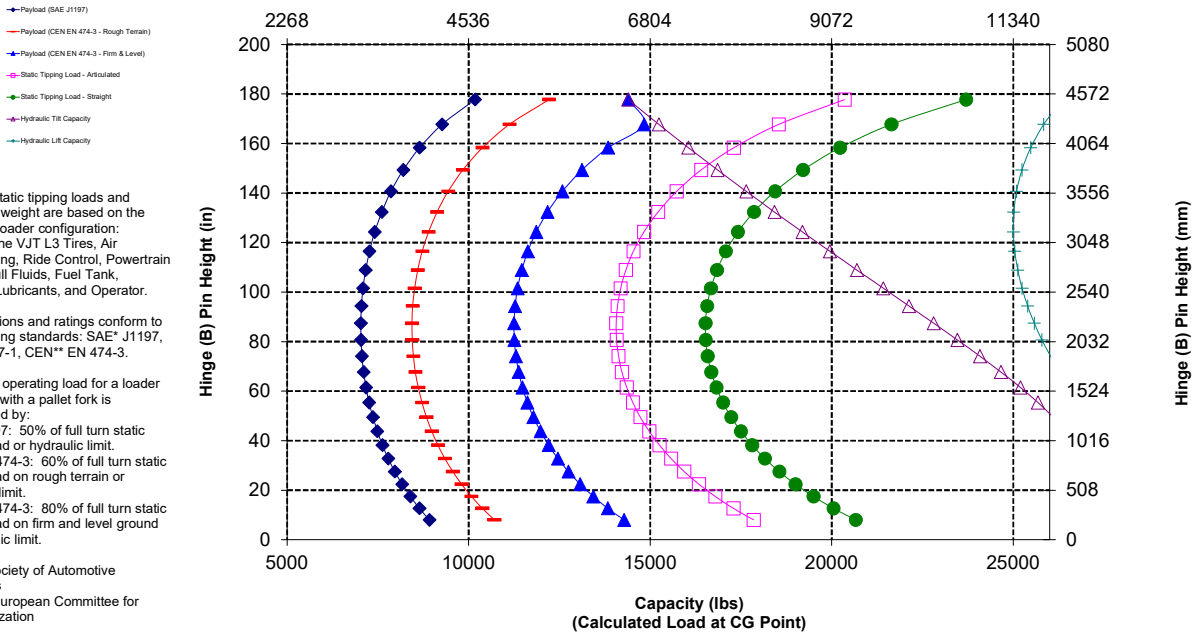
950 HL

Construction Fork, FUSION

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

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





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.

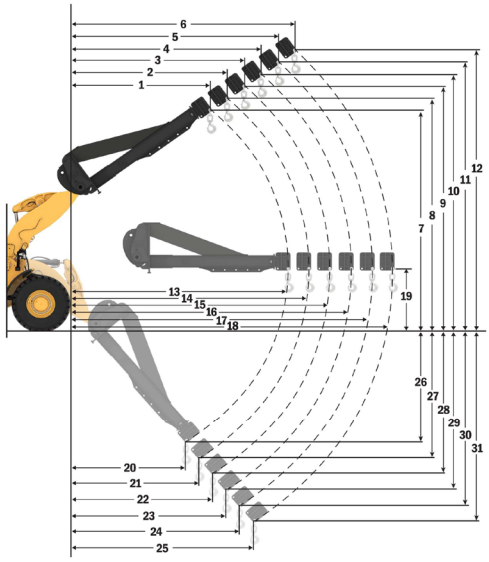
Material Handling Arm Specifications

950 HL

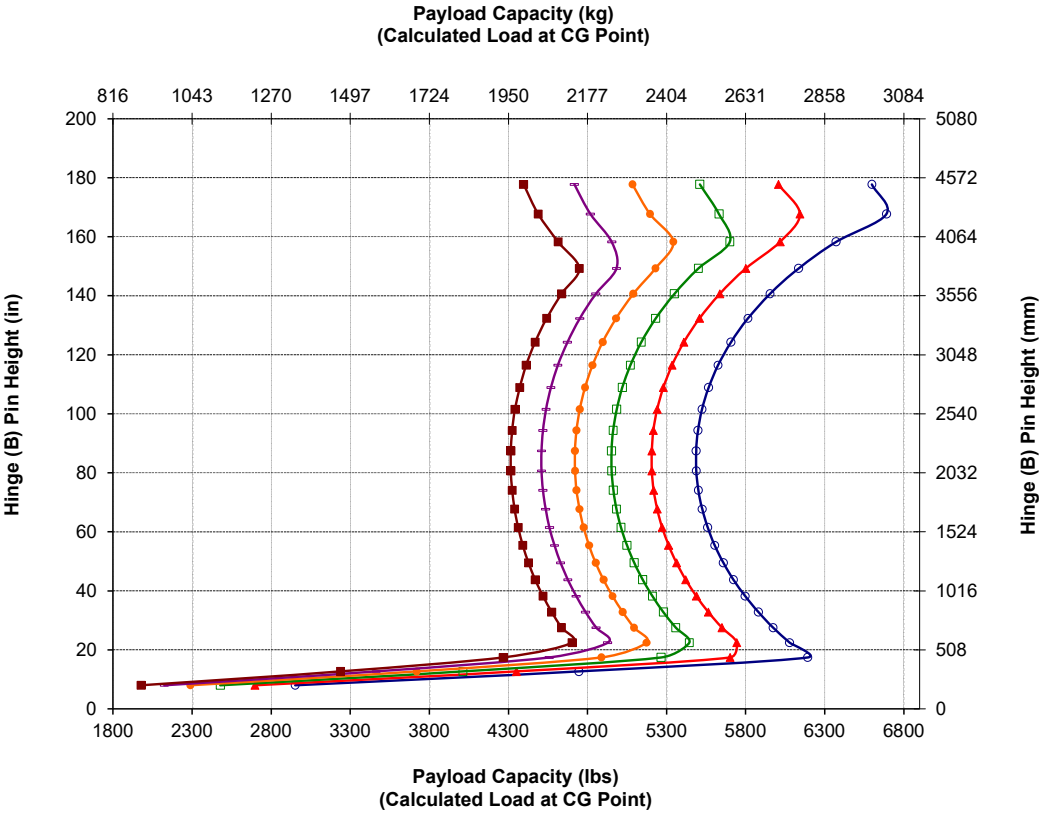
289-9885

Material Handling Arm, FUSION **6 Position**

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



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



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

Fork Specifications

Fork Specifications

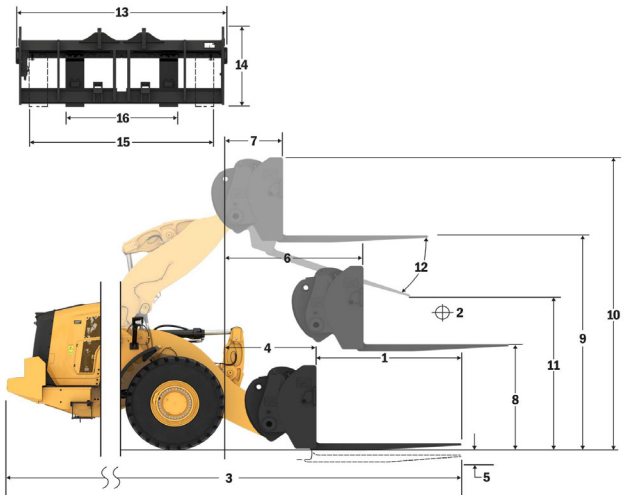
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	10234 22556
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8847 19498
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4423 9749
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

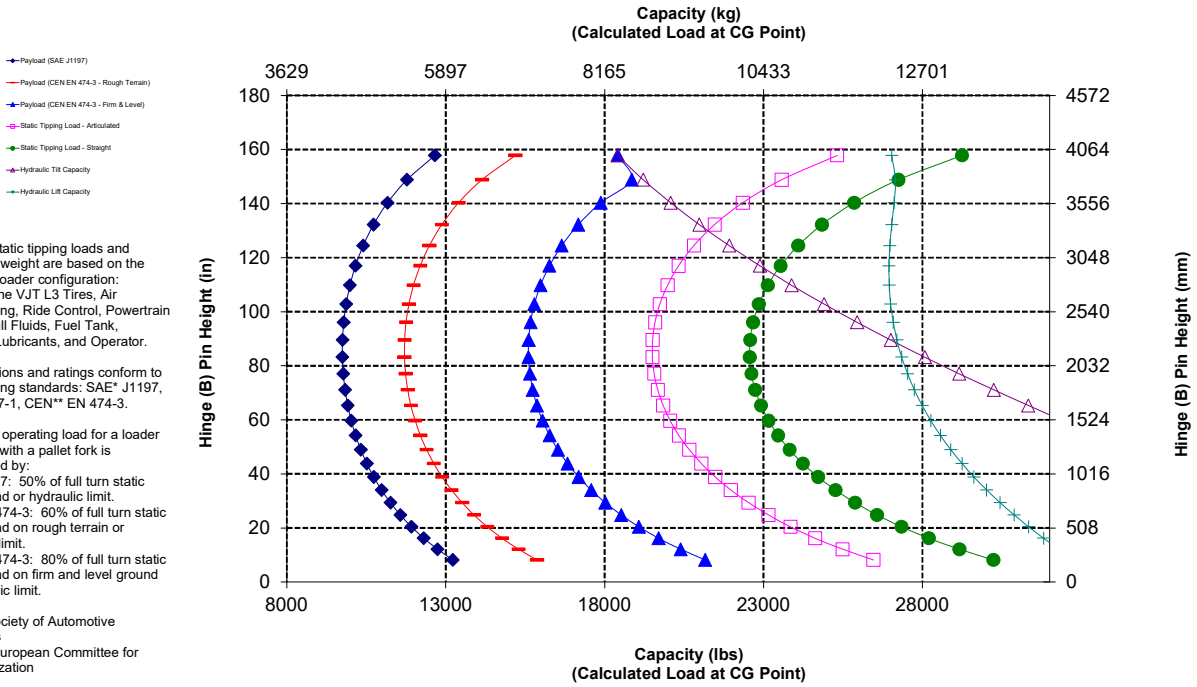
*Negative values indicate below grade

950 AUX

Pallet Fork, FUSION	87" Carriage	60" Tine
	530-1861	548-3265

*Build 14A
*Parallel 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

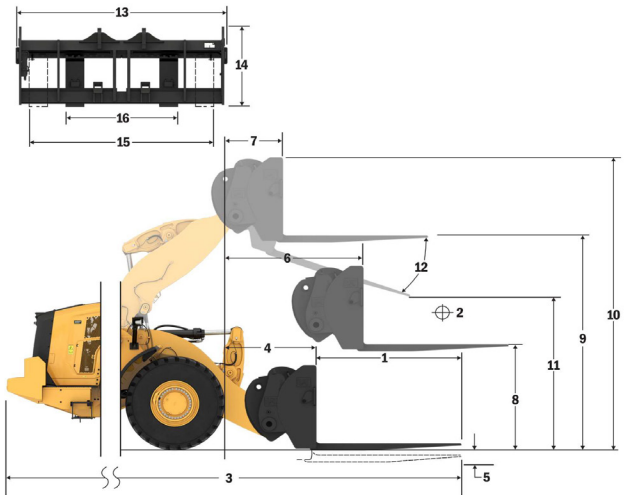
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9741 21470
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8414 18545
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4207 9273
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5049 11127
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6732 14836
3	Maximum Overall Length	mm in	9315 366.7
4	Reach with Forks at Ground Level	mm in	1258 49.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-160 -6.3
6	Reach with Arms Horizontal and Forks Level	mm in	1752 69.0
7	Reach with Fork at Maximum Height	mm in	1037 40.8
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1772 69.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3707 145.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4482 176.4
11	Clearance at Full Lift and Max Dump	mm in	2105 82.9
12	Max Discharge Angle from Horizontal	deg	47
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	19407 42774

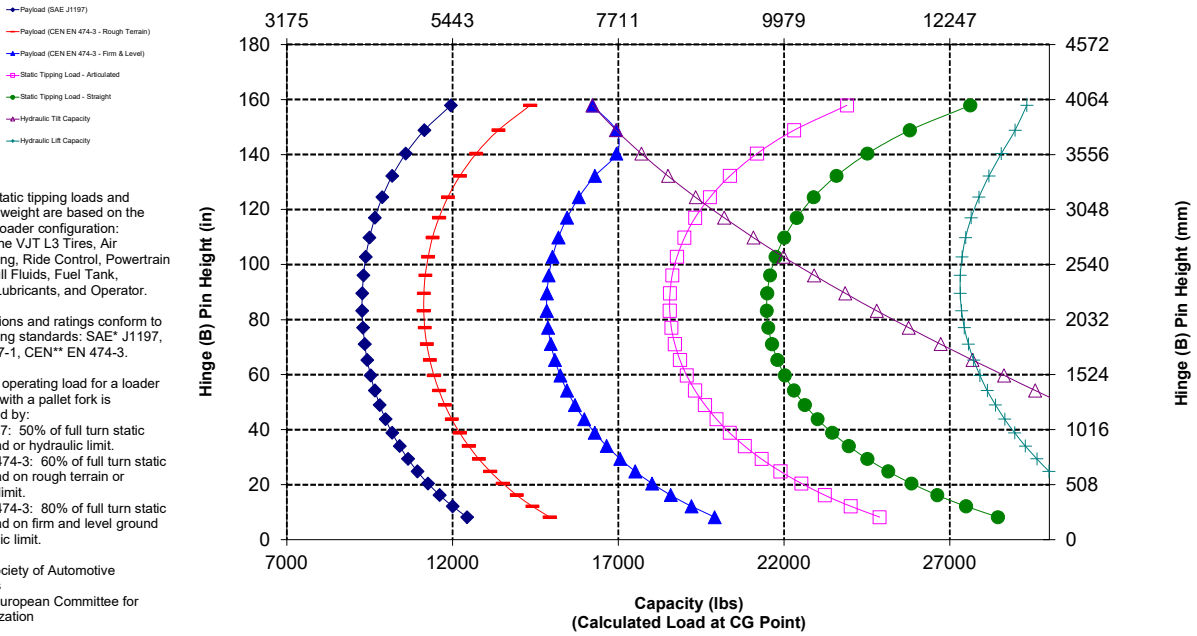
*Negative values indicate below grade

950 AUX

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

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





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	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9966 21966
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8575 18899
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4287 9450
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5145 11340
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6860 15119
3	Maximum Overall Length	mm in	8964 352.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	2272 89.5
12	Max Discharge Angle from Horizontal	deg	53
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	17800 39231
	Operating Weight	kg lbs	19735 43497

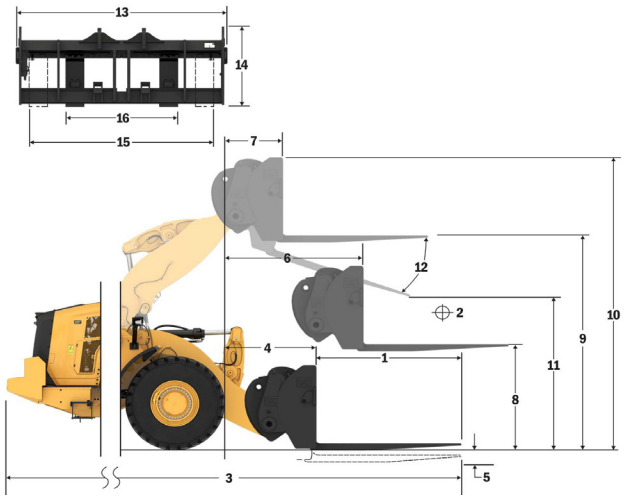
*Negative values indicate below grade

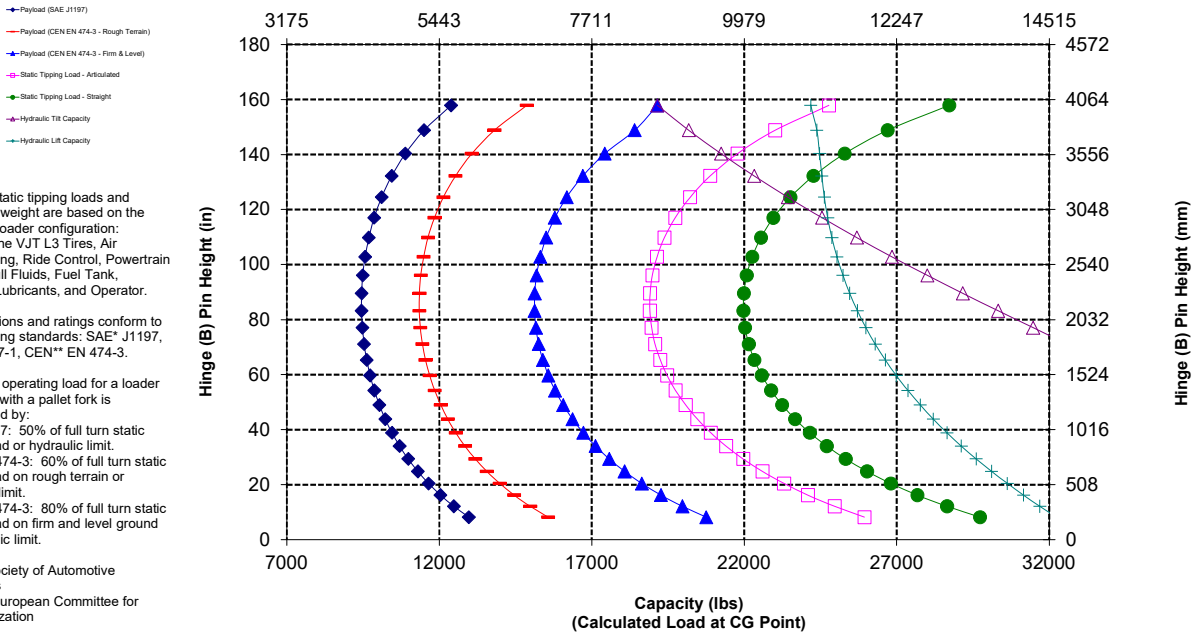
950 AUX

Construction Fork, FUSION

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

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





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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	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9468 20867
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8137 17934
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4068 8967
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4882 10760
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6510 14347
3	Maximum Overall Length	mm in	9269 364.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	2029 79.9
12	Max Discharge Angle from Horizontal	deg	53
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	19796 43631

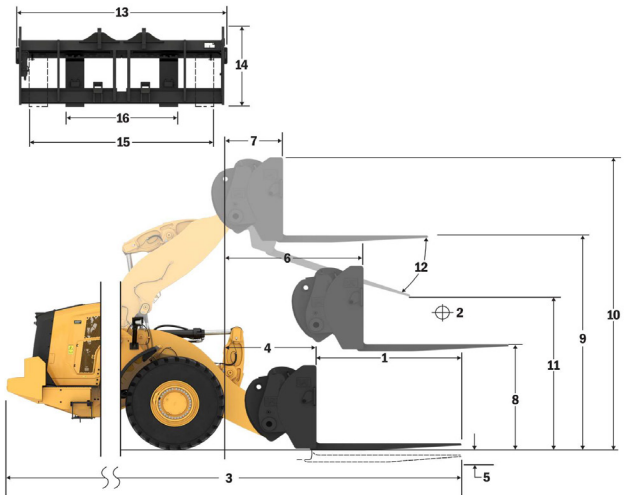
*Negative values indicate below grade

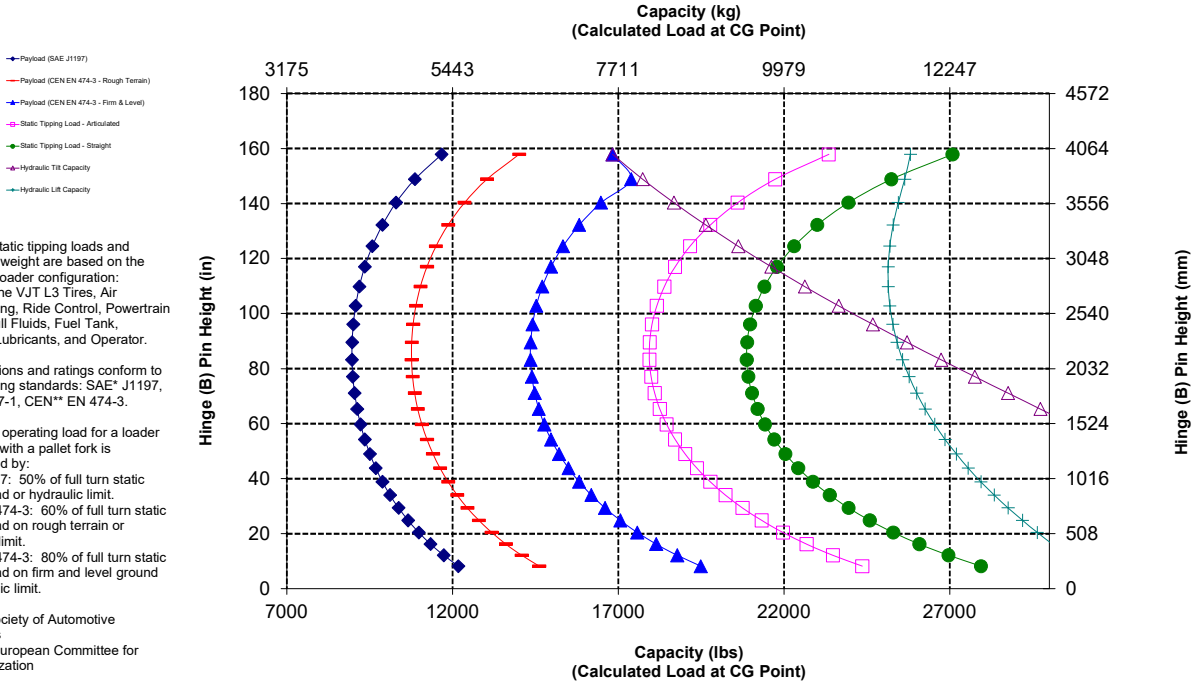
950 AUX

Construction Fork, FUSION

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

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





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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	9004 19845
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7729 17034
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3864 8517
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4637 10220
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6183 13627
3	Maximum Overall Length	mm in	9574 376.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1786 70.3
12	Max Discharge Angle from Horizontal	deg	53
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	19859 43770

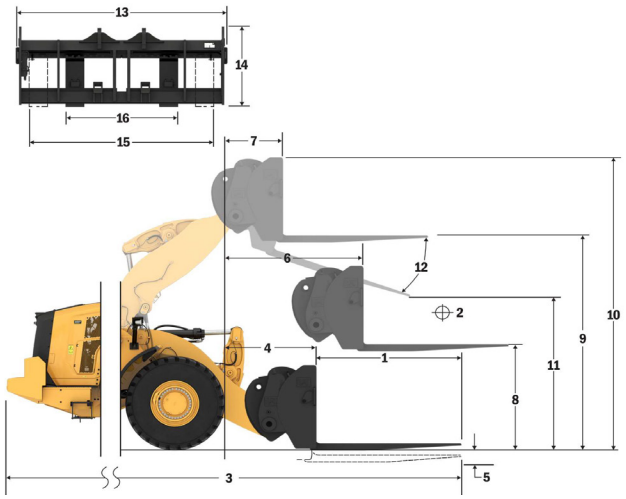
*Negative values indicate below grade

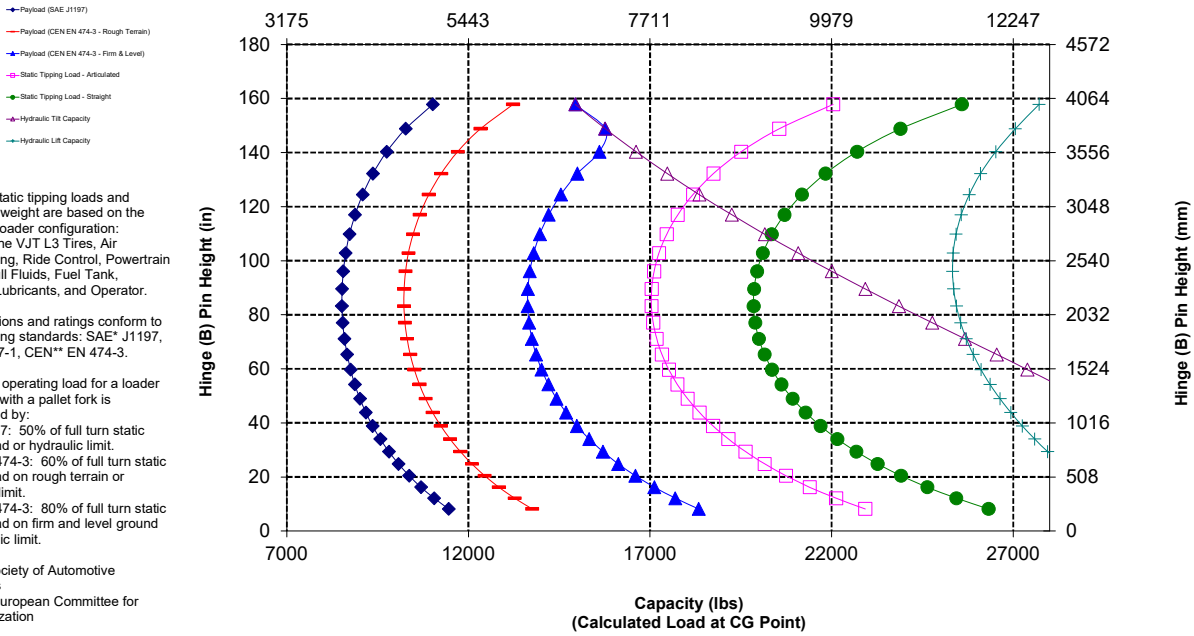
950 AUX

Construction Fork, FUSION

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

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





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	8575 18899
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7351 16201
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3675 8100
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4410 9720
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5880 12960
3	Maximum Overall Length	mm in	9878 388.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1544 60.8
12	Max Discharge Angle from Horizontal	deg	53
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	19921 43907

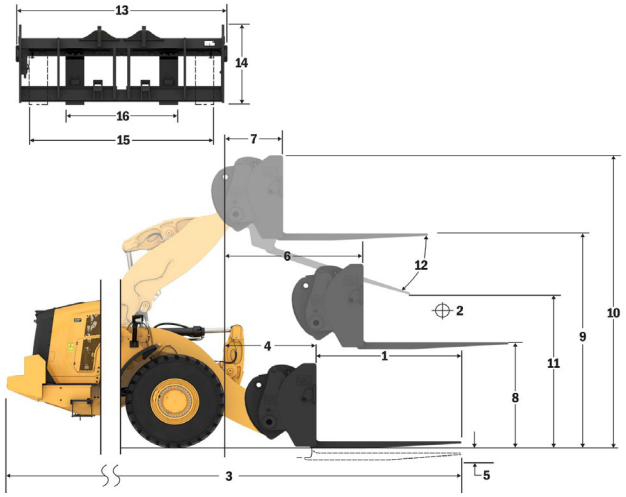
*Negative values indicate below grade

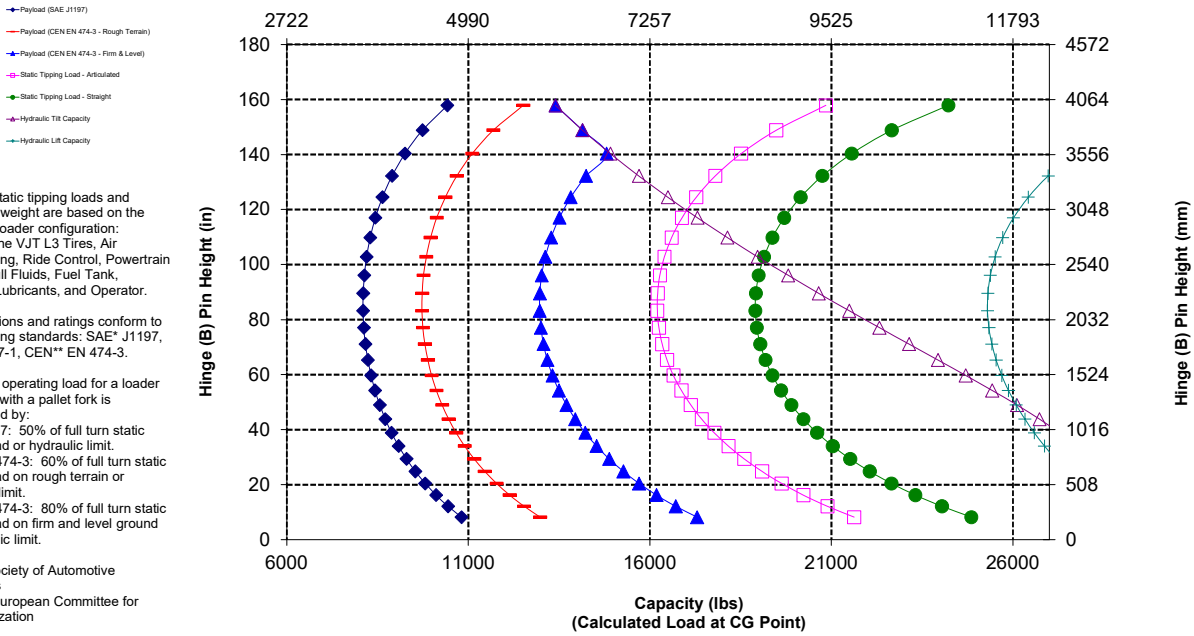
950 AUX

Construction Fork, FUSION

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

*Build 14A
*Parallel 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	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9931 21888
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8540 18822
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4270 9411
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5124 11293
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6832 15058
3	Maximum Overall Length	mm in	8964 352.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	2272 89.5
12	Max Discharge Angle from Horizontal	deg	53
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	17800 39231
	Operating Weight	kg lbs	19784 43605

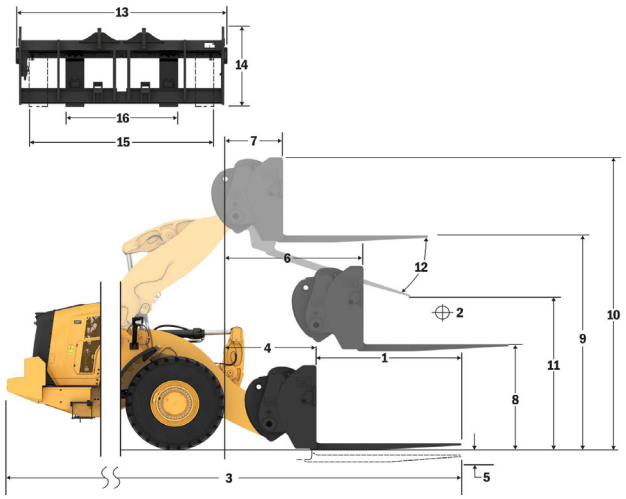
*Negative values indicate below grade

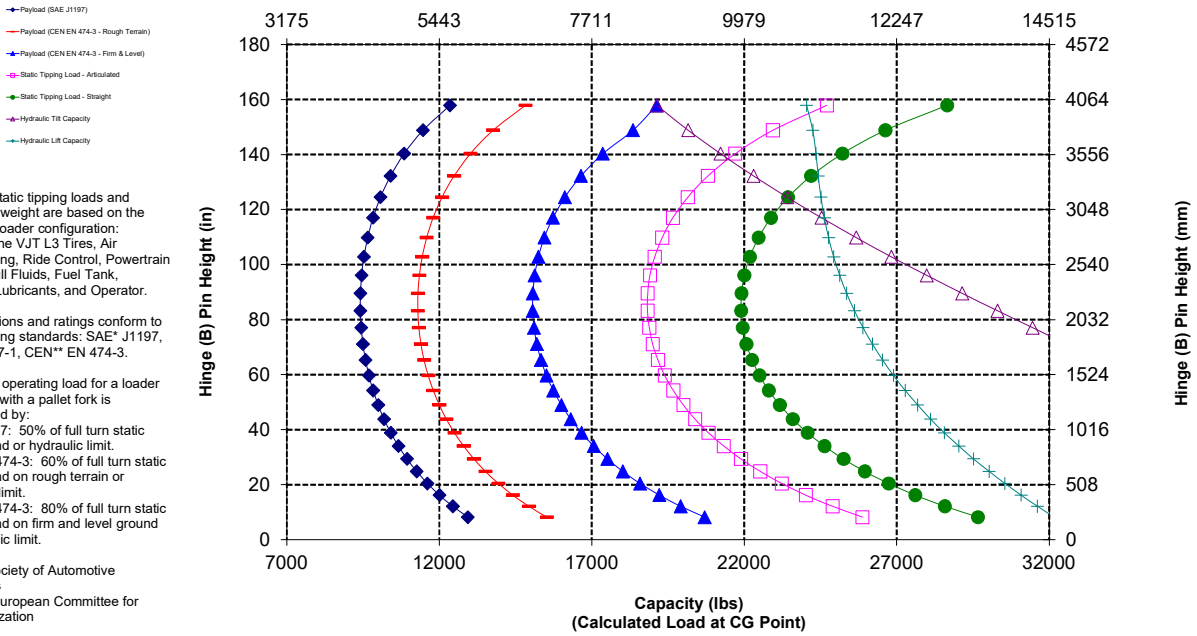
950 AUX

Construction Fork, FUSION

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

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





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	9433 20790
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8102 17858
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4051 8929
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4861 10715
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6482 14286
3	Maximum Overall Length	mm in	9269 364.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	2029 79.9
12	Max Discharge Angle from Horizontal	deg	53
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	19846 43741

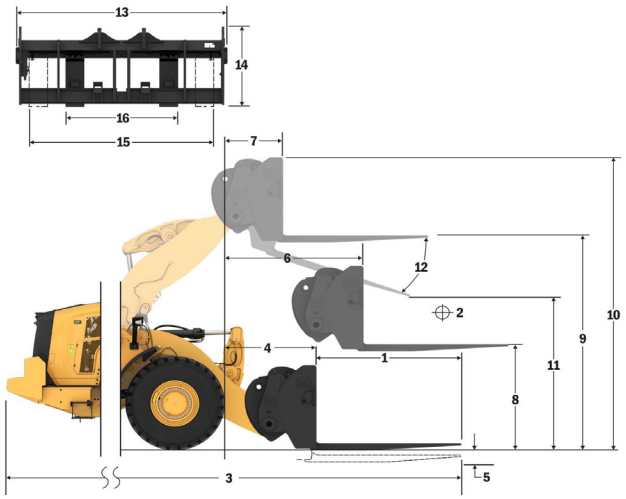
*Negative values indicate below grade

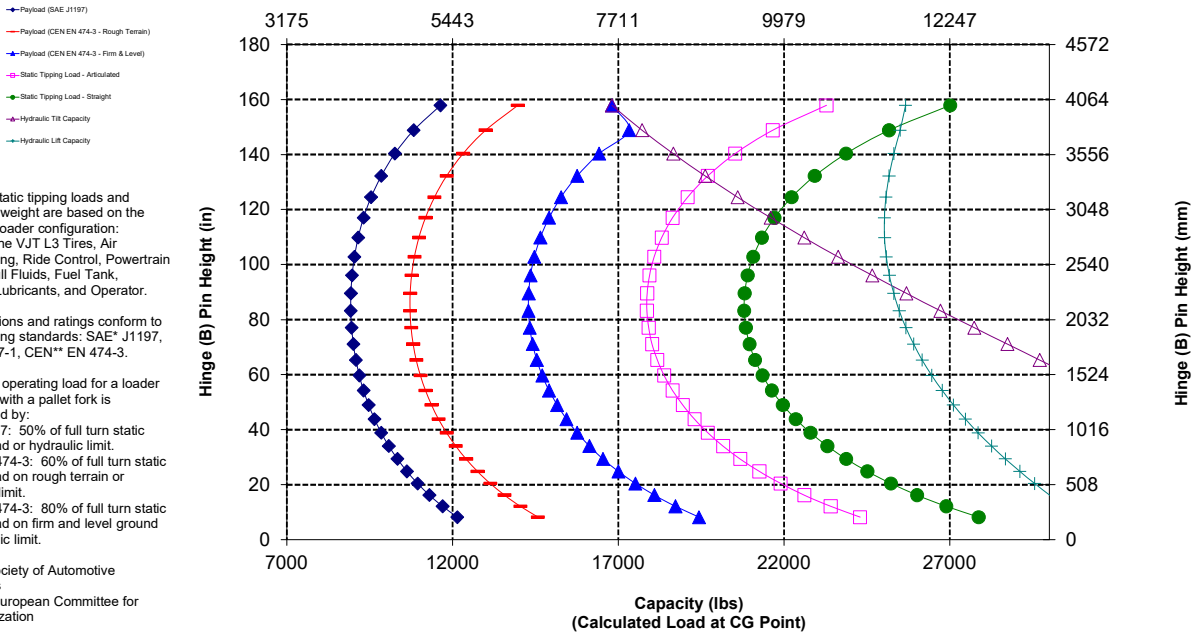
950 AUX

Construction Fork, FUSION

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

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





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.

950 Wheel Loader 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	8972 19774
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7696 16963
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3848 8482
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4618 10178
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6157 13570
3	Maximum Overall Length	mm in	9574 376.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1786 70.3
12	Max Discharge Angle from Horizontal	deg	53
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	19908 43878

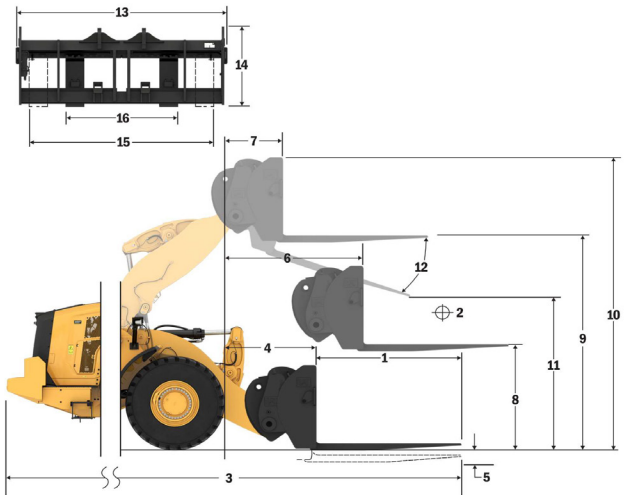
*Negative values indicate below grade

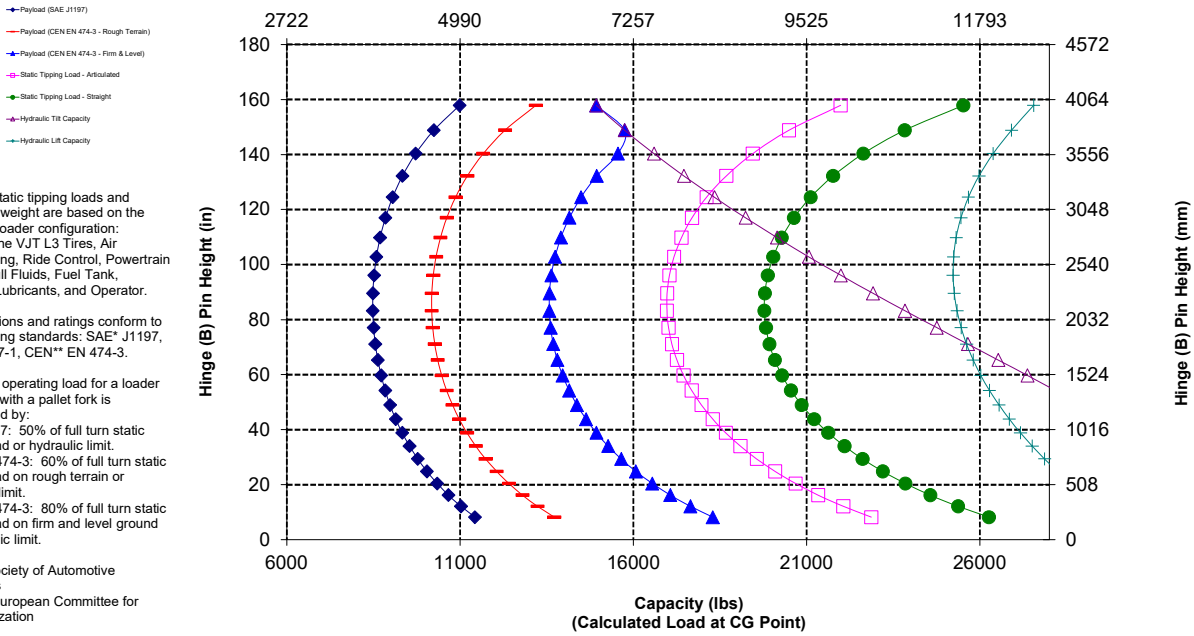
950 AUX

Construction Fork, FUSION

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

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





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	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8543 18829
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7319 16131
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3659 8065
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4391 9678
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5855 12904
3	Maximum Overall Length	mm in	9878 388.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1029 40.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3812 150.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4853 191.0
11	Clearance at Full Lift and Max Dump	mm in	1544 60.8
12	Max Discharge Angle from Horizontal	deg	53
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	19971 44017

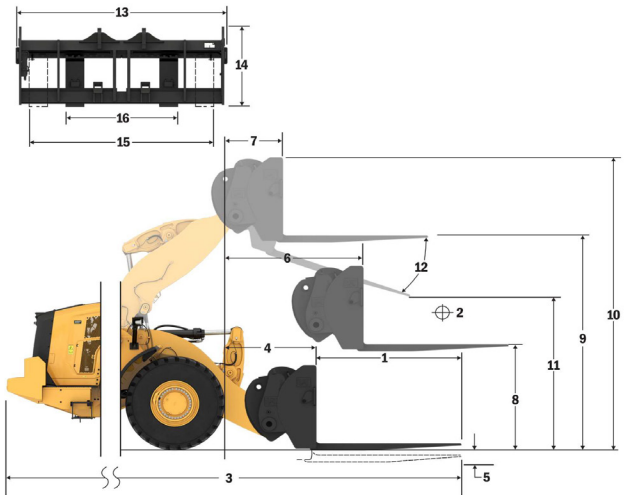
*Negative values indicate below grade

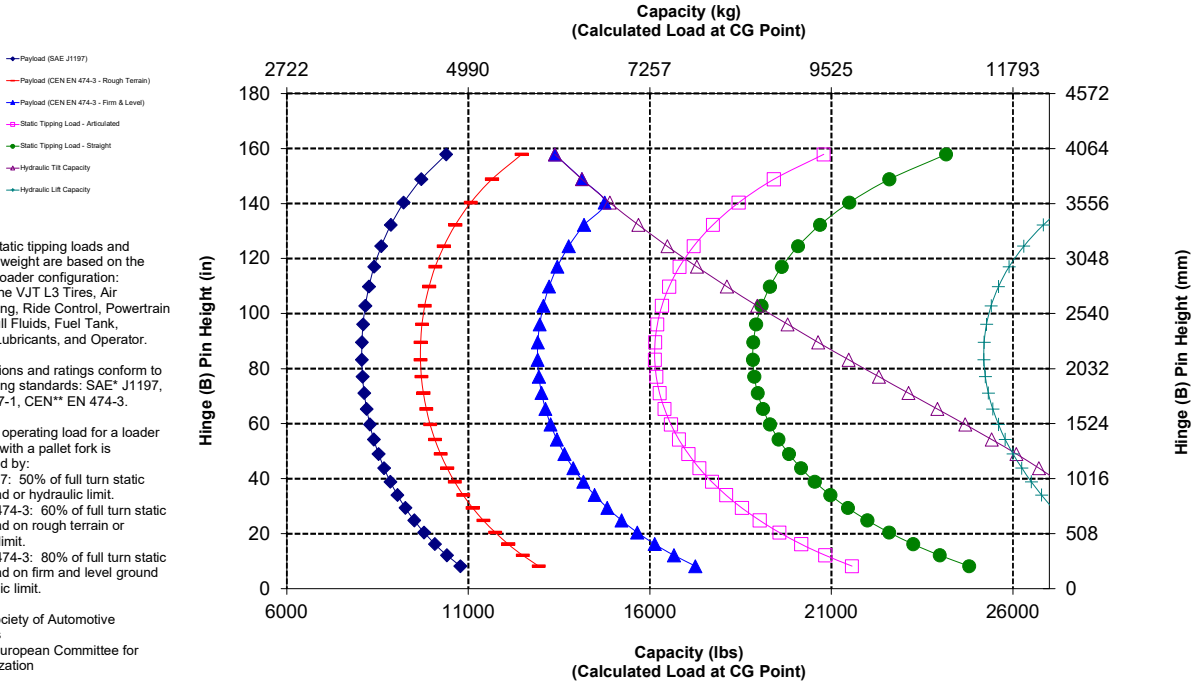
950 AUX

Construction Fork, FUSION

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

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





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.

950 Wheel Loader Specifications

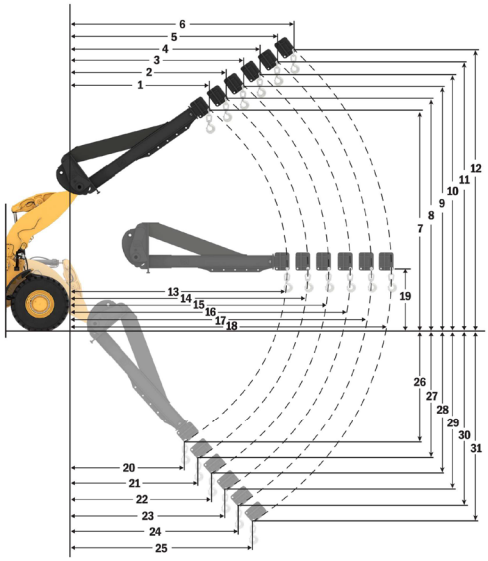
Material Handling Arm Specifications

950 AUX

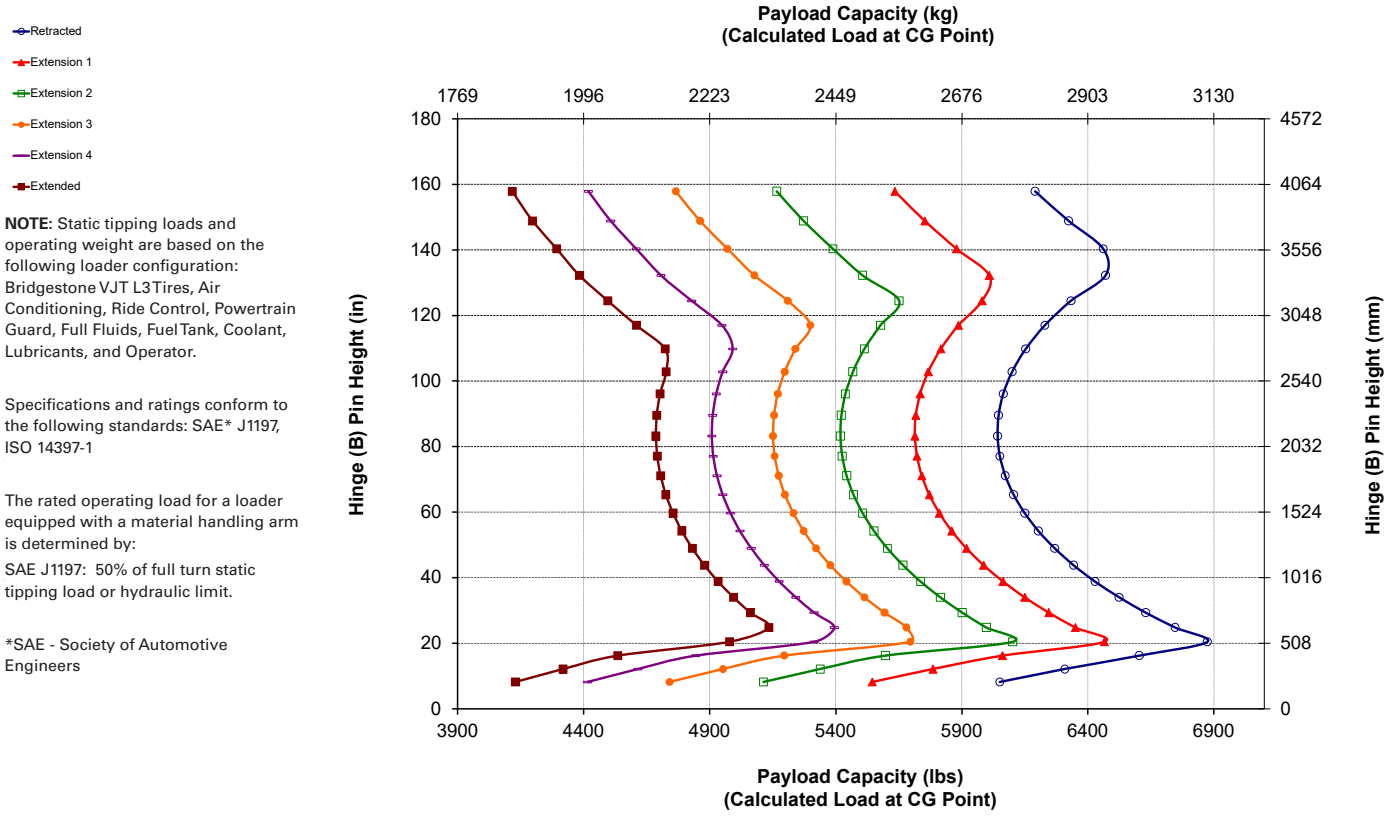
289-9885

Material Handling Arm, FUSION **6 Position**

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



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

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

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

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

*SAE - Society of Automotive Engineers

Standard and Optional Equipment

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

	Standard	Optional
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, auto front differential lock (LHD)	✓	
Axles, auto front differential lock (HMU)		✓
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	✓	
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 for Trade***		✓
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 (LHD)		✓
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 and 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 roading lights with turn signals, 2 rearview lights	✓	
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		
Parallel 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		✓
Collision Warning System with Motion Inhibit and People Detection		✓
Remote control		✓
SPECIAL CONFIGURATIONS*		
Auxiliary counterweight		✓
Waste and industrial		✓
Forestry		✓
Corrosion resistant		✓

* Not all configurations available in all regions, subject to availability.
** Standard or optional depending on region. Consult your dealer.
*** Available in Europe, Türkiye, Australia, and New Zealand. Country certifications vary. Contact your Cat dealer for more information.

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

* Including countries that adopt the EU and UK directives.

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

Oils and Fluids

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

Features and Technology

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

Recycling

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

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

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

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

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

Recyclability – 97%

950

Waste & Scrap Handler

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

Proven Reliability

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

Durability

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

Achieve Greater Fuel Efficiency and Productivity

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

Safety Features

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

Reduced Maintenance Time and Costs

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

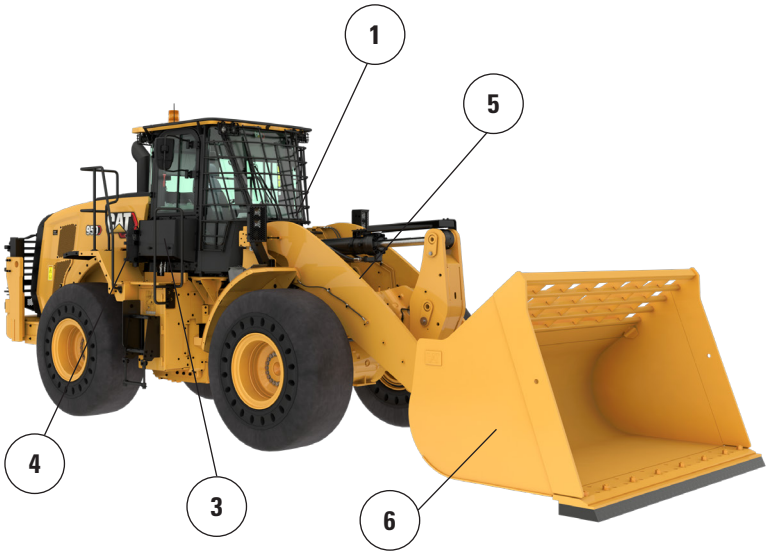
Work in Comfort in the All New Cab

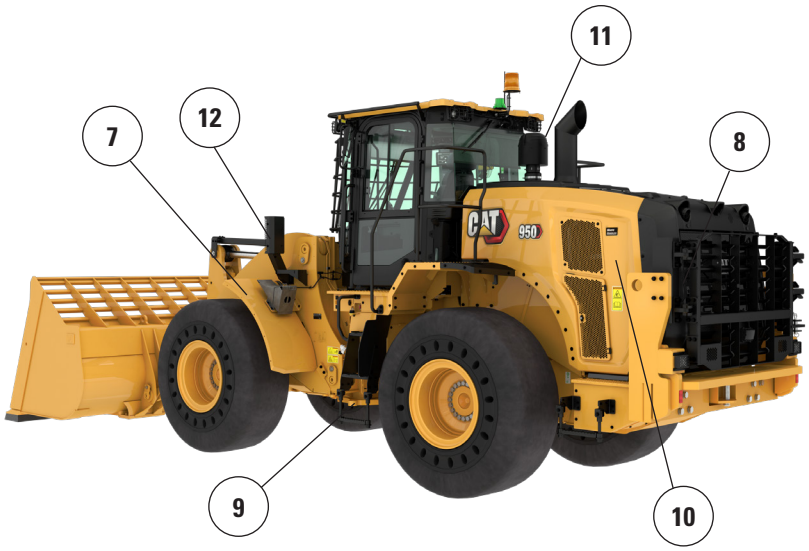
- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise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

**Parts and fluids only.*

950 Waste and Scrap Handler Features

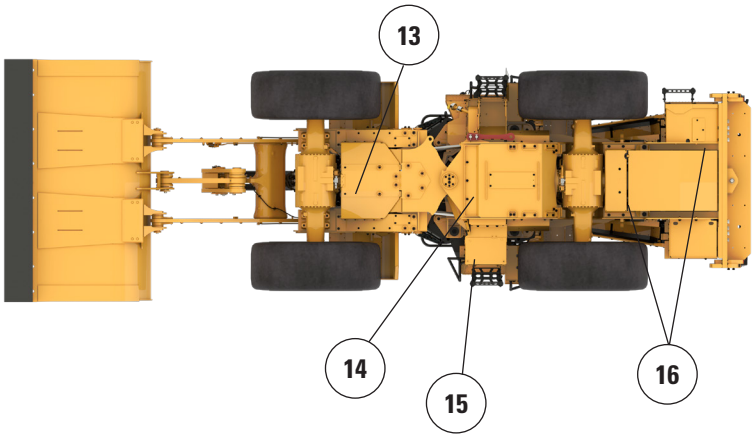
1. Optional window guarding to provide impact resistance to the glass
2. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
3. Carbon cab air filter removes harsh odors
4. Optional powered cab 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



950 Waste & Scrap Handler Specifications

Tire Options

Tire Brand	BRAWLER	BRAWLER	BRIDGESTONE	MAXAM	MICHELIN
Tire Size	**23.5X25**	**23.5X25**	**23.5R25**	**23.5R25**	**23.5R25**
Tread Type	**N/A**	**N/A**	**L–3**	**L–3**	**L–3**
Tread Pattern	**SMOOTH**	**TRACTION**	**VJT**	**MS302**	**XHA2**
Casing Strength	**SOLID**	**SOLID**	*	**	**
Width over Tires – Maximum (empty)*	2140 mm 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.

Operating Specifications – Buckets

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

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

† Illustration shown with Dimension charts.

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

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

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

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

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

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

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

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

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

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

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

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

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

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

† Illustration shown with Dimension charts.

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

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

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

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

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

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

† Illustration shown with Dimension charts.

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

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

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

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

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

† Illustration shown with Dimension charts.

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

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

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

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

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

† Illustration shown with Dimension charts.

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

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

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

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

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

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

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

† Illustration shown with Dimension charts.

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

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

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

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

Operating Specifications – Buckets *(continued)*

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

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

† Illustration shown with Dimension charts.

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

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

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

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

950

Forestry Machine

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

Proven Reliability

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

Durability

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

Achieve Greater Fuel Efficiency and Productivity

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

Safety Features

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

Reduced Maintenance Time and Costs

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

Work in Comfort in the All New Cab

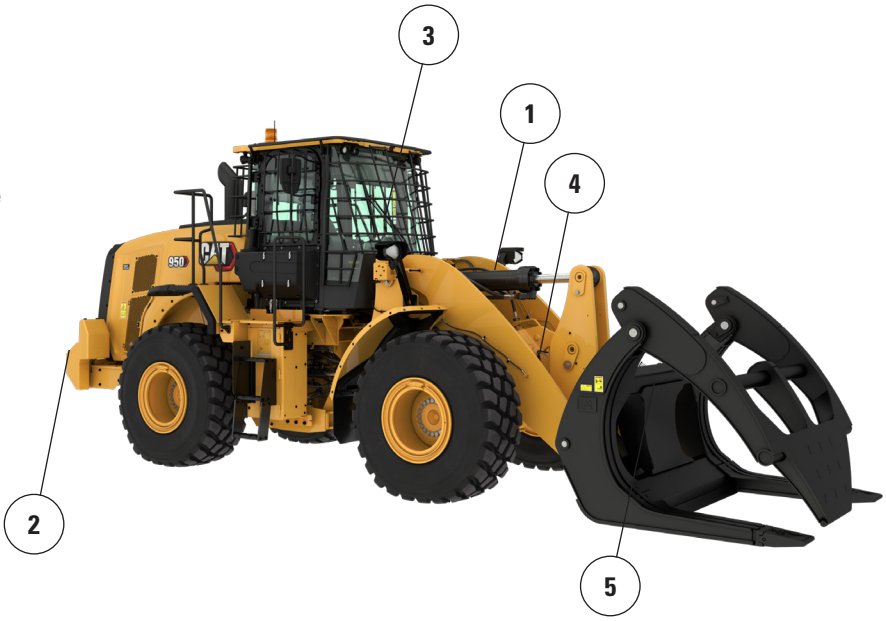
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s)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

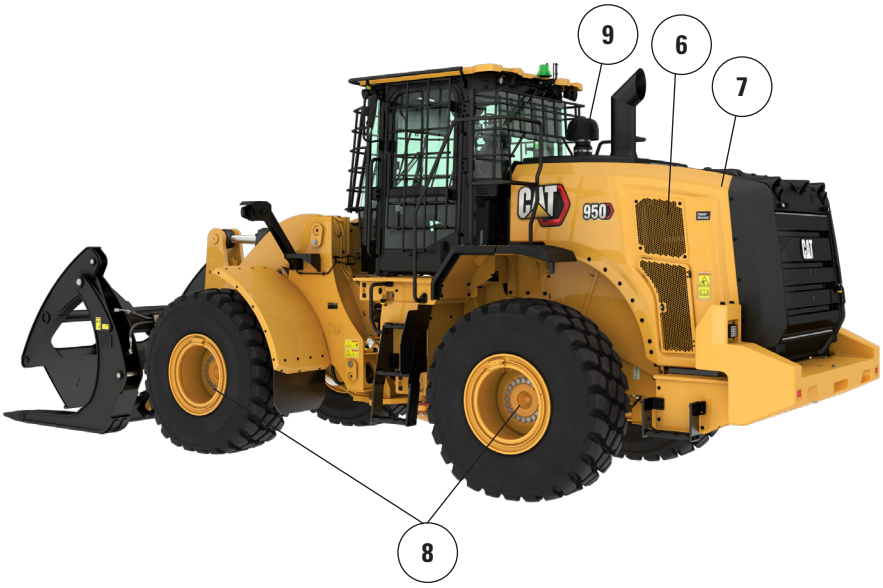
**Parts and fluids only.*

950 Forestry Machine Specifications

950 Forestry Machine Features

1. Larger tilt cylinder and larger lift cylinders for increased load control in fork applications
2. Heavier counterweight provides increased tipping loads in a millyard application
3. Optional window guarding to provide impact resistance to the glass
4. Optional 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.

950 Forestry Machine Specifications

Operating Specifications – Buckets

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

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

† Illustration shown with Dimension charts.

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

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

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

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

Fork Specifications

Fork Specifications

1	Tine length	mm in	1609 63.3
2	Fork width	mm in	2324 91.5
	End area	m2 ft2	1.26 14
3	Inside Height (only applies to double top clamp)	mm in	0 0
4	Min. opening (only applies to millyard forks)	mm in	427 17
	Operating Weight	kg lbs	20555 45316
5	Distance inside of tine tips	mm in	1780 70
	Static tipping load, articulated Fork level	kg lbs	9031 19910.2
	Static tipping load, straight Fork level	kg lbs	10632 23438.7
6	Max. height of fork (w/clamp open if applicable)	mm in	2843 111.9
7	Clearance w/full lift, 45 deg dump (if max. dump <> 45)	mm in	2629 103.5
8	Clearance @ full lift fork level	mm in	3761 148.1
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm in	1588 62.5
10	Reach w/lift arm horizontal and fork level	mm in	3021 118.9
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-66 -2.6
12	Width over tines	mm in	2286 90.0
13	Reach @ ground level	mm in	2415 95
14	Max. opening across tine and clamp	mm in	2709 106.7
15	Overall height of fork @ full lift and clamp open	mm in	6605 260.0
16	Overall length Tip of tine to rear of machine	mm in	8642 340.2
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2613 102.9
18	Clearance w/horizontal lift arms and fork level	mm in	1800.2 70.9
19	Reach @ full lift and fork level	mm in	2283.4 89.9
20	Max. discharge angle from horizontal	deg rad	46 0.8

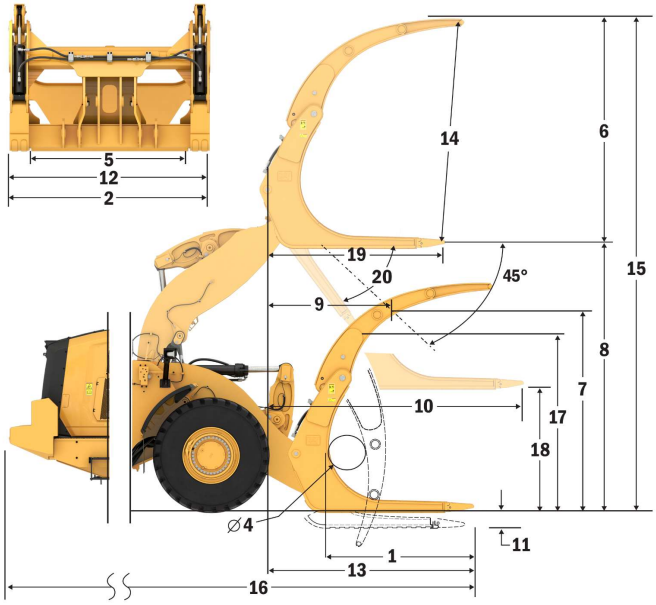
*Negative values indicate below grade

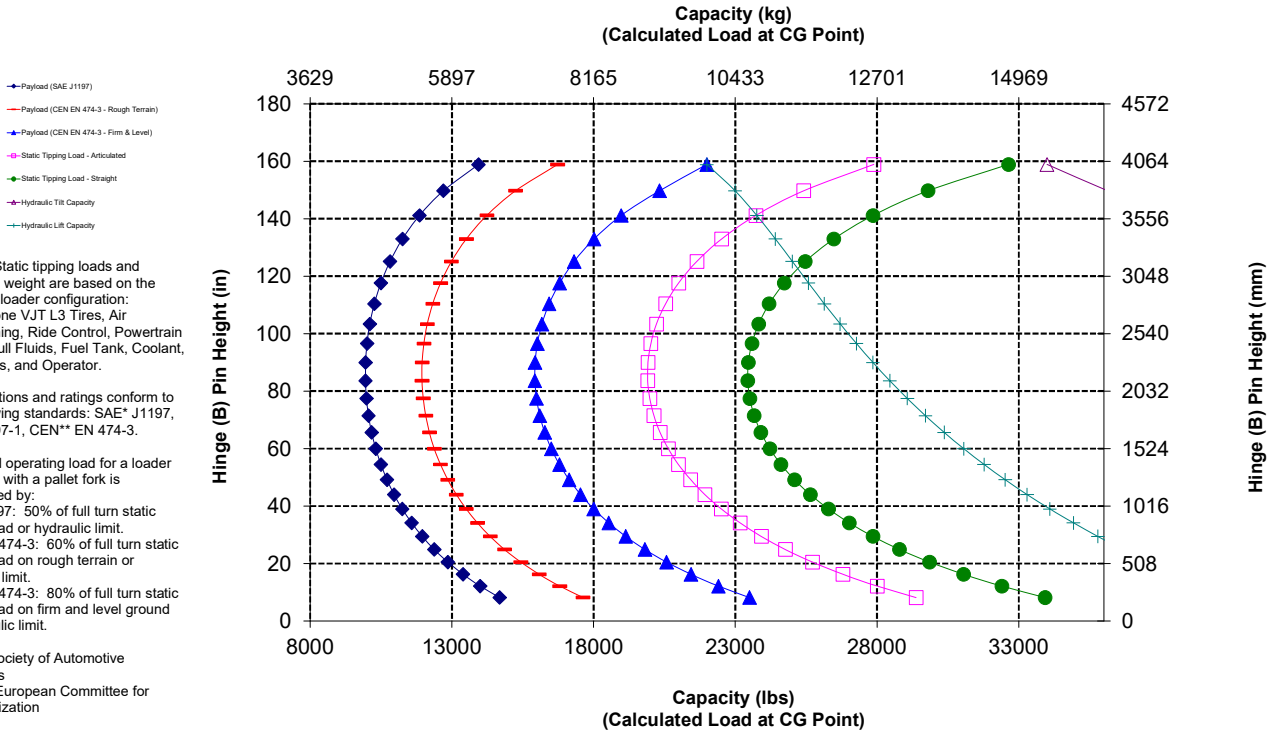
950 LOG

63" Tine

Millyard Fork, Pin-On **374-7148**

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





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

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

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

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

Fork Specifications

Fork Specifications

1	Tine length	mm in	1609 63.3
2	Fork width	mm in	2324 91.5
	End area	m2 ft2	1.26 14
3	Inside Height (only applies to double top clamp)	mm in	0 0
4	Min. opening (only applies to millyard forks)	mm in	427 17
	Operating Weight	kg lbs	21227 46798
5	Distance inside of tine tips	mm in	1780 70
	Static tipping load, articulated Fork level	kg lbs	8038 17720.8
	Static tipping load, straight Fork level	kg lbs	9567 21090.6
6	Max. height of fork (w/clamp open if applicable)	mm in	2843 111.9
7	Clearance w/full lift, 45 deg dump (if max. dump <> 45)	mm in	2542 100.1
8	Clearance @ full lift fork level	mm in	3775 148.6
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm in	1694 66.7
10	Reach w/lift arm horizontal and fork level	mm in	3158 124.3
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-52 -2.1
12	Width over tines	mm in	2286 90.0
13	Reach @ ground level	mm in	2541 100
14	Max. opening across tine and clamp	mm in	2709 106.7
15	Overall height of fork @ full lift and clamp open	mm in	6618 260.5
16	Overall length Tip of tine to rear of machine	mm in	8768 345.2
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2266 89.2
18	Clearance w/horizontal lift arms and fork level	mm in	1813.9 71.4
19	Reach @ full lift and fork level	mm in	2420.5 95.3
20	Max. discharge angle from horizontal	deg rad	63 1.1

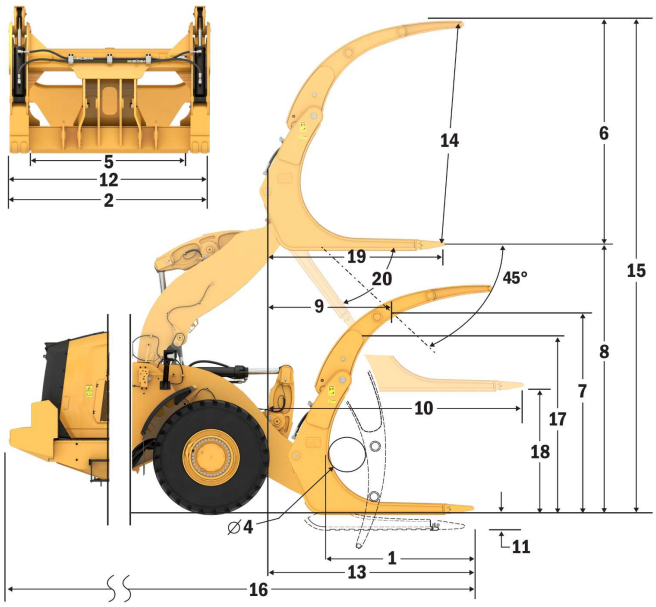
*Negative values indicate below grade

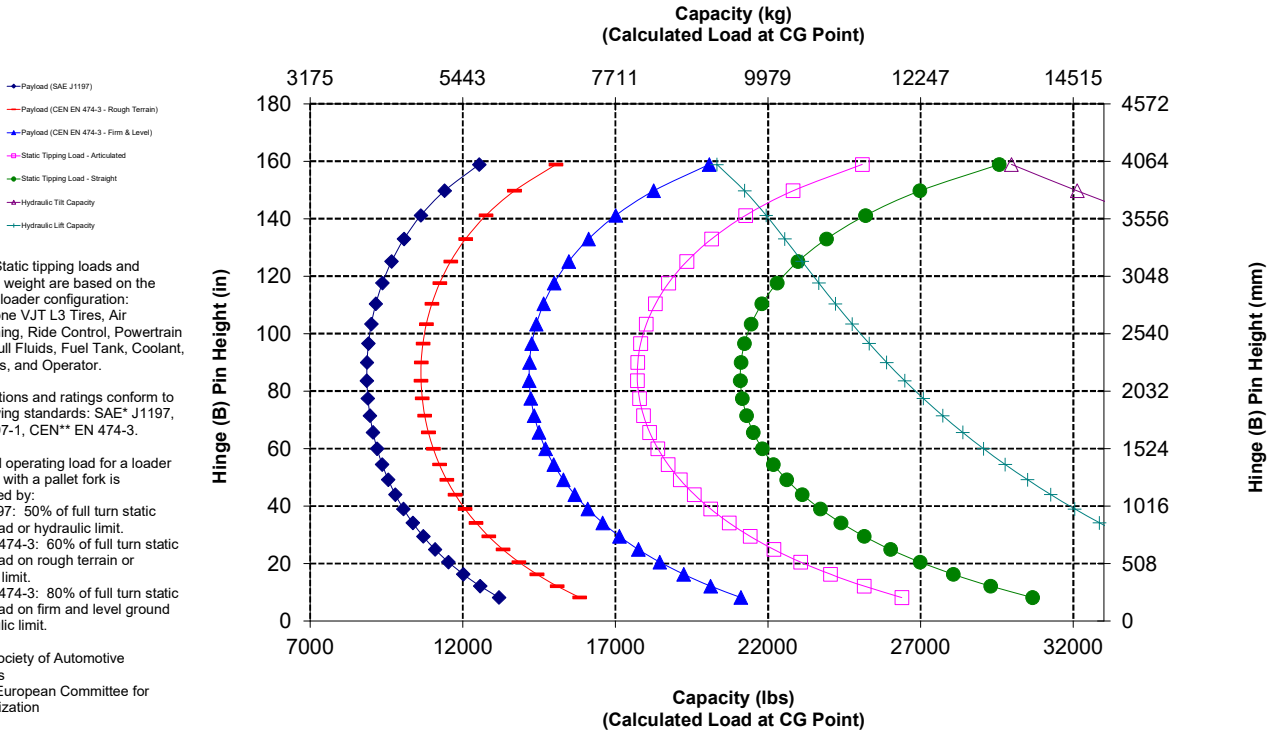
950 LOG

63" Tine

Millyard Fork, FUSION **383-3523**

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





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

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

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

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

Fork Specifications

Fork Specifications

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

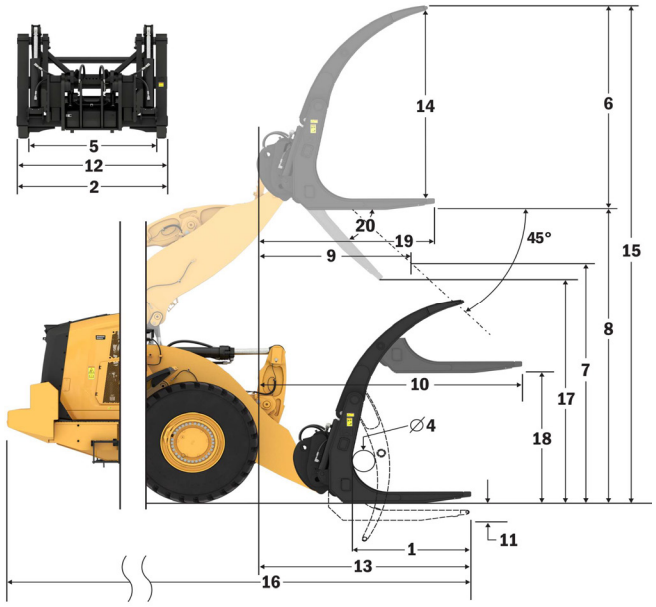
*Negative values indicate below grade

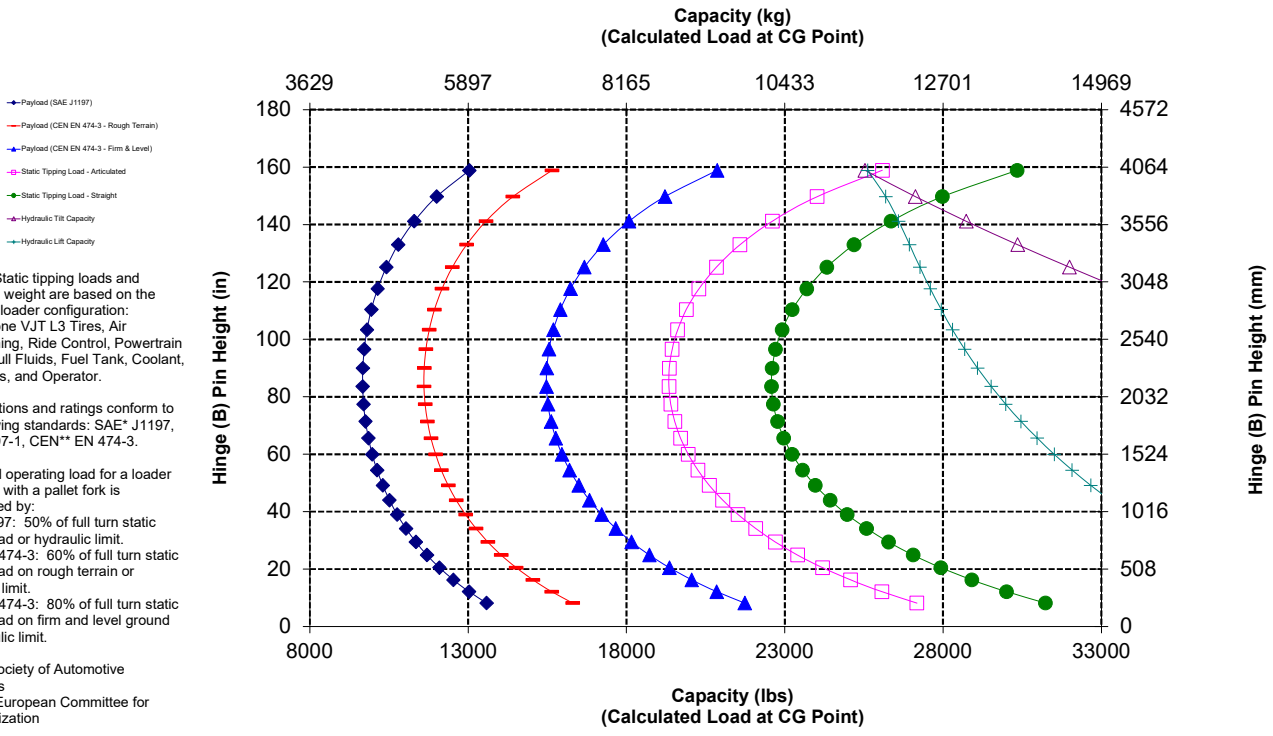
950 LOG

66" Tine

Millyard Pole Fork, Pin-On **445-2466**

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





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

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

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

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

Fork Specifications

Fork Specifications

1	Tine length	mm in	1609 63.3
2	Fork width	mm in	2332 91.8
	End area	m2 ft2	1.9 20
3	Inside Height (only applies to double top clamp)	mm in	1381 54
4	Min. opening (only applies to millyard forks)	mm in	N/A N/A
	Operating Weight	kg lbs	20367 44902
5	Distance inside of tine tips	mm in	1776 70
	Static tipping load, articulated Fork level	kg lbs	8748 19285.0
	Static tipping load, straight Fork level	kg lbs	10260 22619.7
6	Max. height of fork (w/clamp open if applicable)	mm in	2944 115.9
7	Clearance w/full lift, 45 deg dump (if max. dump <> 45)	mm in	2628 103.5
8	Clearance @ full lift fork level	mm in	3762 148.1
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm in	1589 62.6
10	Reach w/lift arm horizontal and fork level	mm in	3022 119.0
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-65 -2.6
12	Width over tines	mm in	2298 90.5
13	Reach @ ground level	mm in	2416 95
14	Max. opening across tine and clamp	mm in	2542 100.1
15	Overall height of fork @ full lift and clamp open	mm in	6705 264.0
16	Overall length Tip of tine to rear of machine	mm in	8643 340.3
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2613 102.9
18	Clearance w/horizontal lift arms and fork level	mm in	1800.7 70.9
19	Reach @ full lift and fork level	mm in	2285.1 90.0
20	Max. discharge angle from horizontal	deg rad	46 0.8

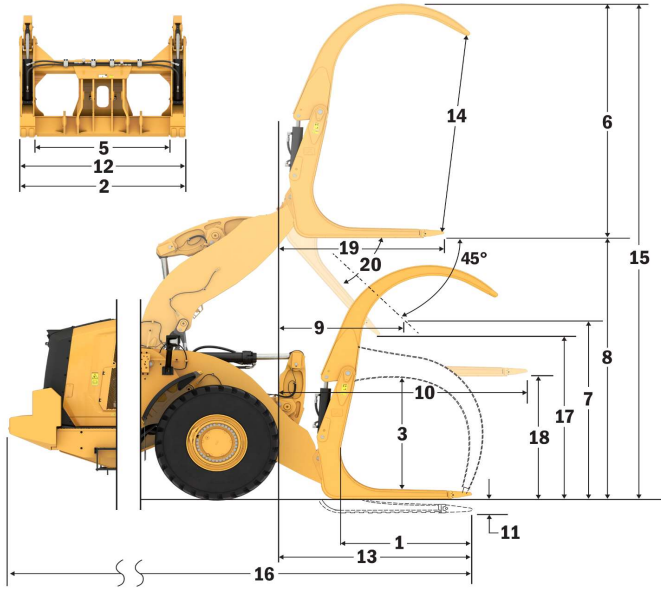
*Negative values indicate below grade

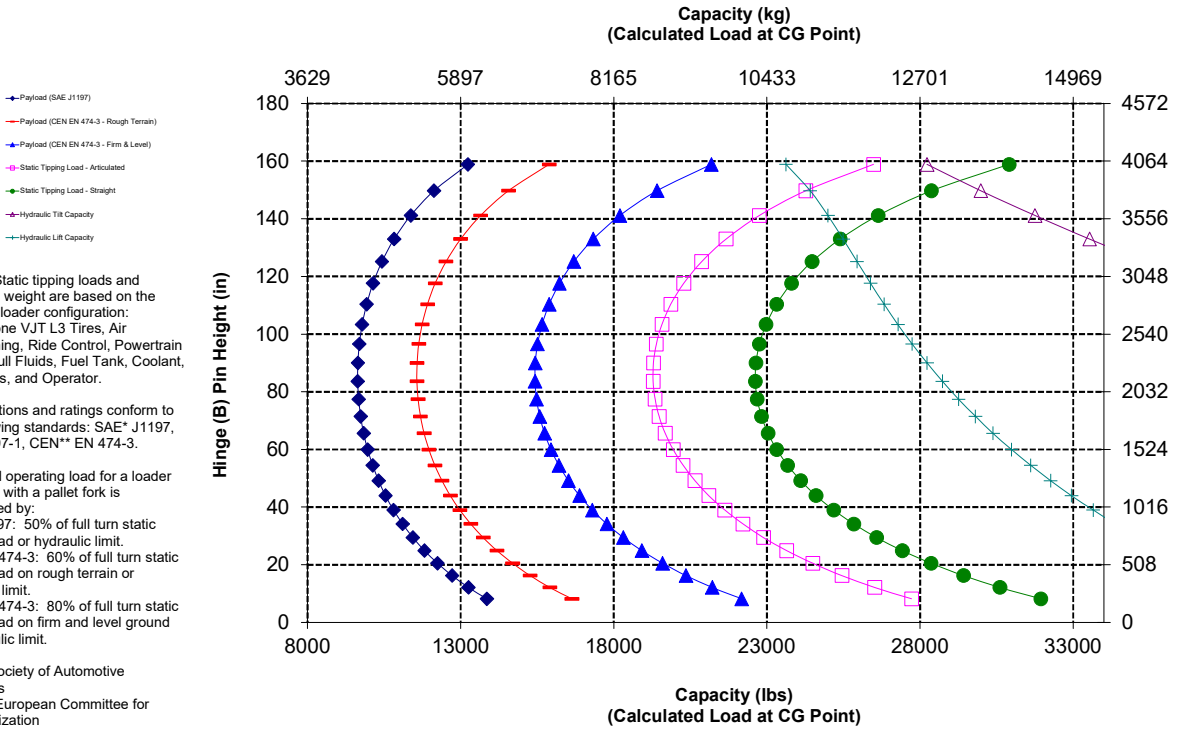
950 LOG

63" Tine

Logging Fork, Pin-On **379-5408**

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





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

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

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

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

Fork Specifications

Fork Specifications

1	Tine length	mm in	917 36.1
2	Fork width	mm in	1855 73.0
	End area	m2 ft2	2.5 27
3	Inside Height (only applies to double top clamp)	mm in	0 0
4	Min. opening (only applies to millyard forks)	mm in	1450 57
	Operating Weight	kg lbs	20605 45426
5	Distance inside of tine tips	mm in	1314 52
	Static tipping load, articulated Fork level	kg lbs	8102 17861.8
	Static tipping load, straight Fork level	kg lbs	9542 21035.9
6	Max. height of fork (w/clamp open if applicable)	mm in	3433 135.1
7	Clearance w/full lift, 45 deg dump (if max. dump <> 45)	mm in	3023 119.0
8	Clearance @ full lift fork level	mm in	3674 144.7
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm in	1071 42.2
10	Reach w/lift arm horizontal and fork level	mm in	2376 93.6
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-153 -6.0
12	Width over tines	mm in	1850 72.8
13	Reach @ ground level	mm in	1834 72
14	Max. opening across tine and clamp	mm in	3123 123.0
15	Overall height of fork @ full lift and clamp open	mm in	7107 279.8
16	Overall length Tip of tine to rear of machine	mm in	8061 317.4
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2943 115.9
18	Clearance w/horizontal lift arms and fork level	mm in	1713.3 67.5
19	Reach @ full lift and fork level	mm in	1639.1 64.5
20	Max. discharge angle from horizontal	deg rad	57 1.0

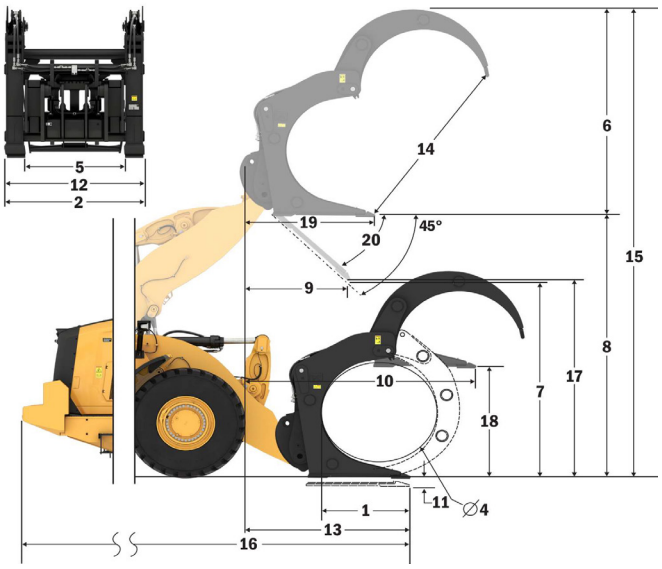
*Negative values indicate below grade

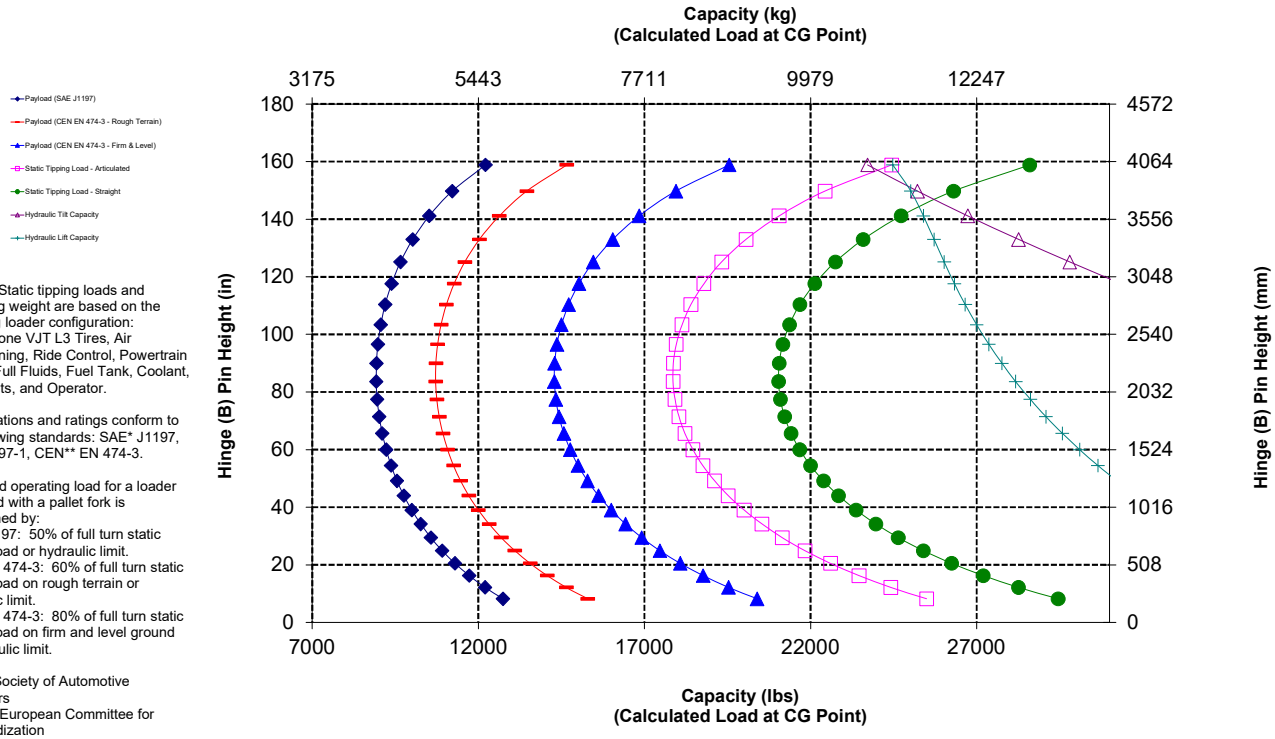
950 LOG

36" Tine

Grapple Fork, FUSION **352-7339**

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





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

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

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

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

Fork Specifications

Fork Specifications

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

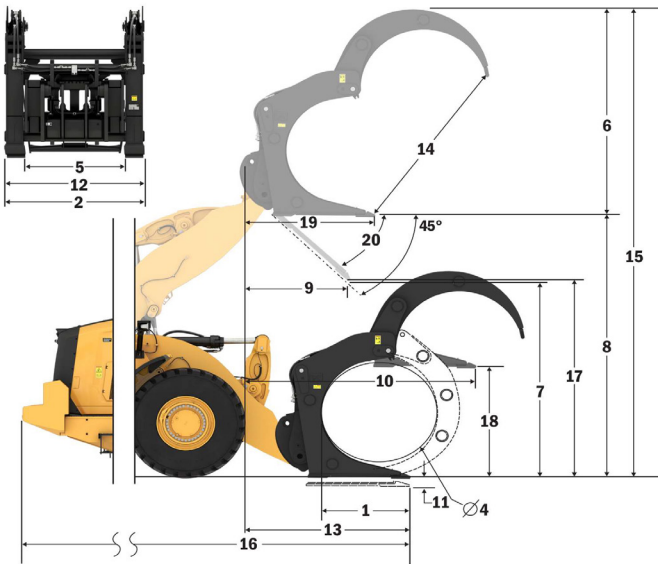
*Negative values indicate below grade

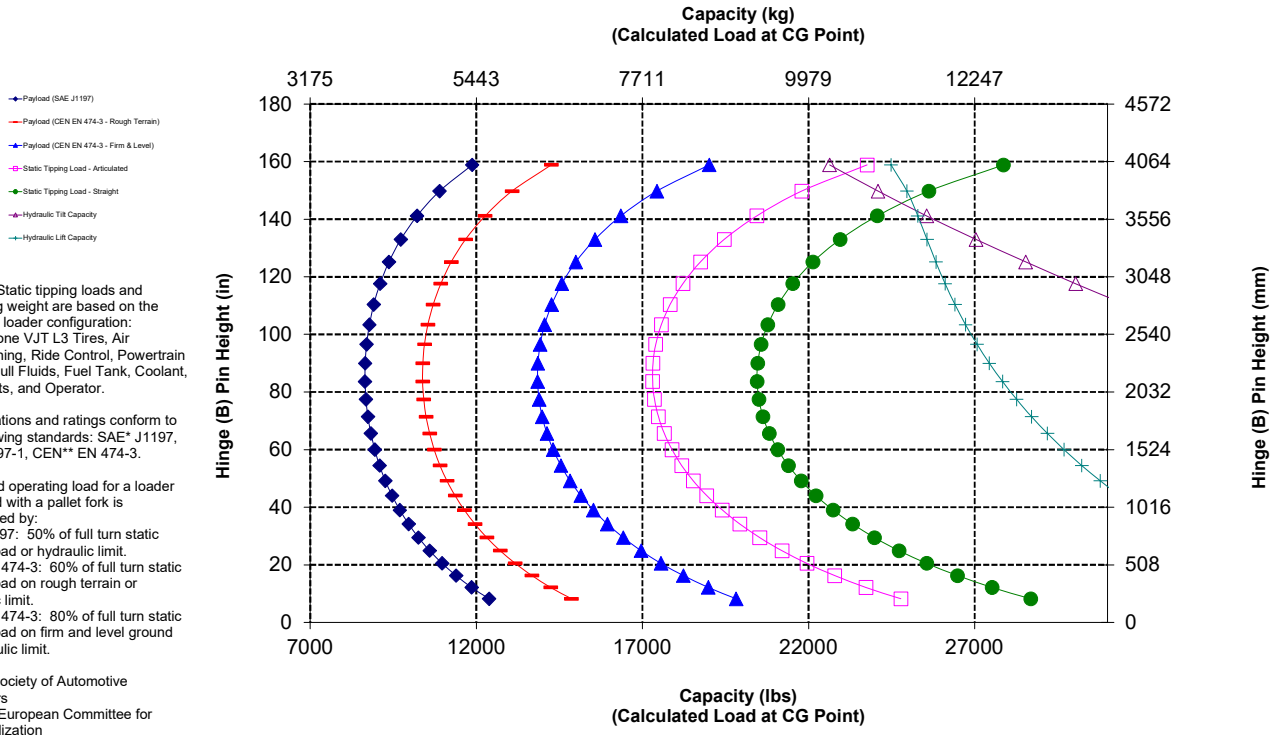
950 LOG

48" Tine

Grapple Fork, FUSION **442-9358**

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





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

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

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

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

Fork Specifications

Fork Specifications

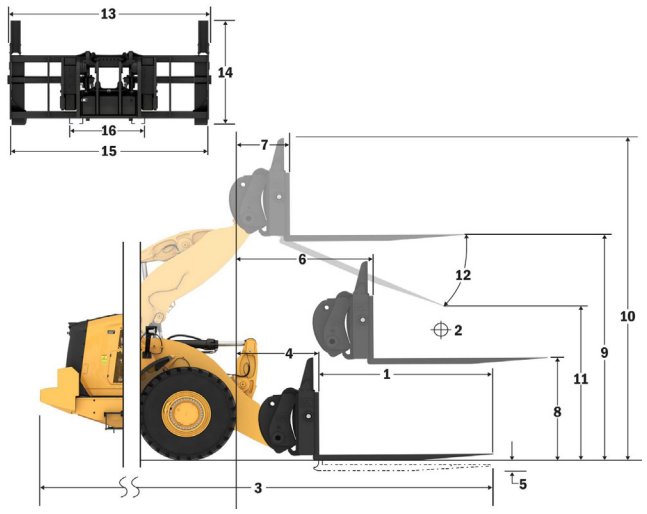
1	Tine Length	mm in	1219 48.0
2	Load Center	mm in	610 24.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	11263 24823
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9775 21545
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4888 10773
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg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

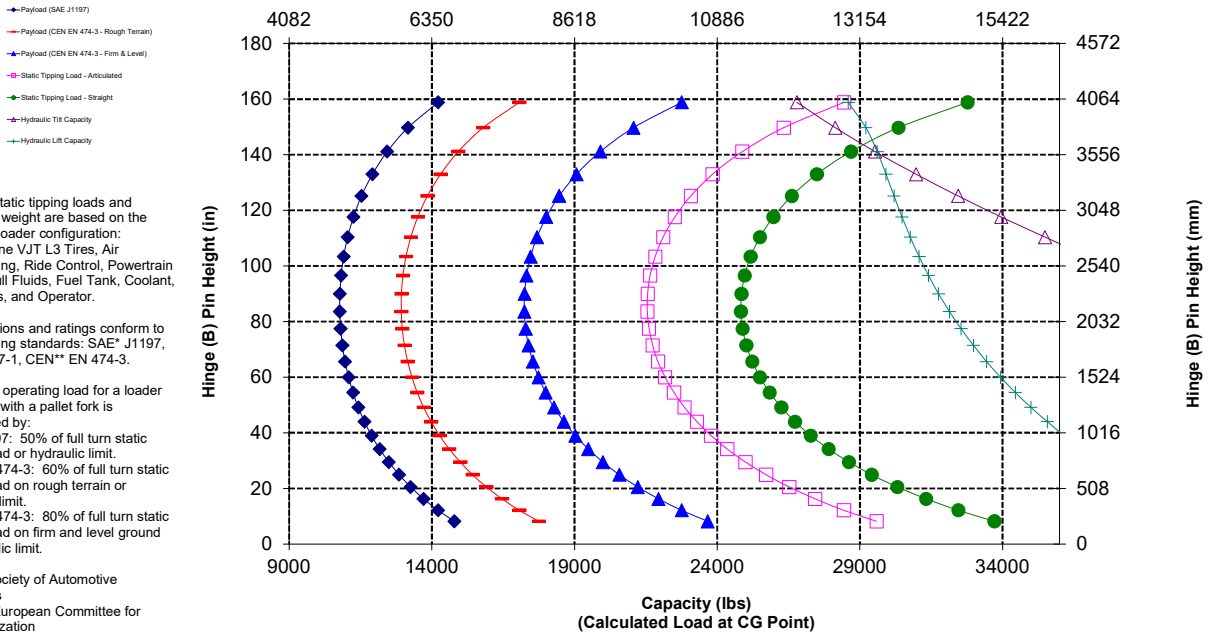
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, No TC, Pin-On — **48" Tine** — **379-2323**

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





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

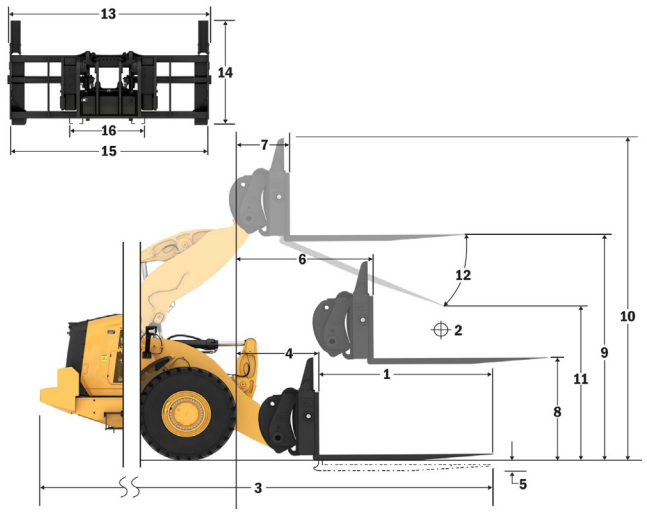
1	Tine Length	mm in	1219 48.0
2	Load Center	mm in	610 24.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	10594 23350
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9148 20161
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4574 10081
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg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

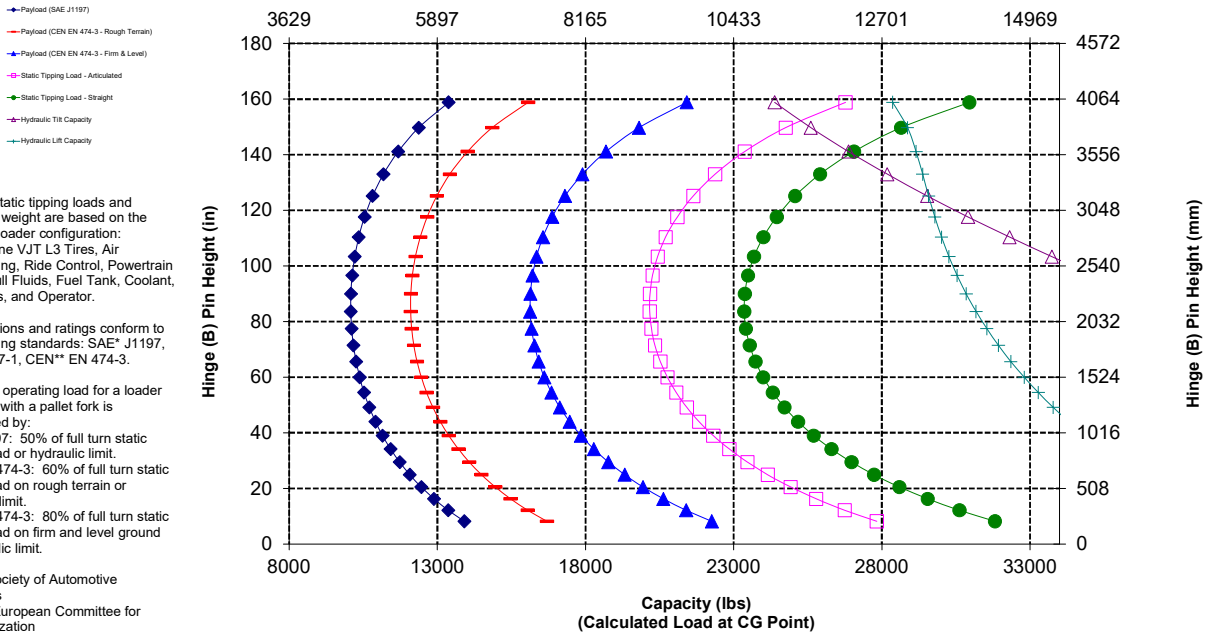
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, No TC, FUSION — **48" Tine** — **379-2063**

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





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

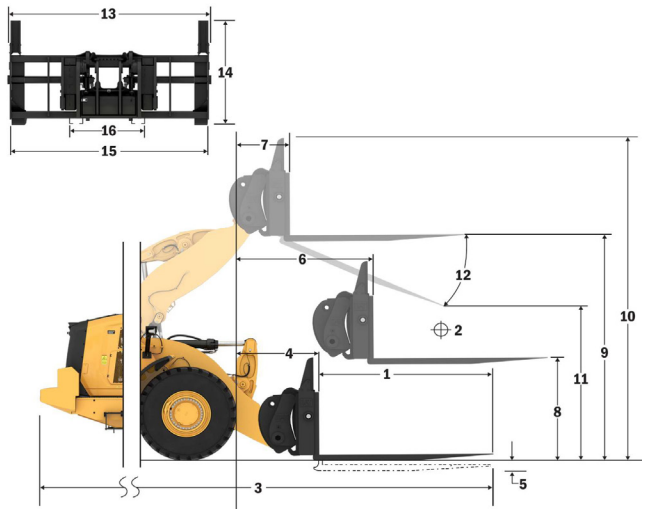
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	10478 23094
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9071 19993
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4536 9996
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5443 11996
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	7257 15994
3	Maximum Overall Length	mm in	8915 351.0
4	Reach with Forks at Ground Level	mm in	1164 45.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-83 -3.3
6	Reach with Arms Horizontal and Forks Level	mm in	1692 66.6
7	Reach with Fork at Maximum Height	mm in	955 37.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1873 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3834 151.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5345 210.4
11	Clearance at Full Lift and Max Dump	mm in	2461 96.9
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm in	2470 97.3
14	Overall Carriage Height	mm in	1601 63.0
15	Outside Tine Width (max spread)	mm in	2366 93.1
16	Outside Tine Width (min spread)	mm in	1002 39.4
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg lbs	15906 35057
	Operating Weight	kg lbs	19232 42388

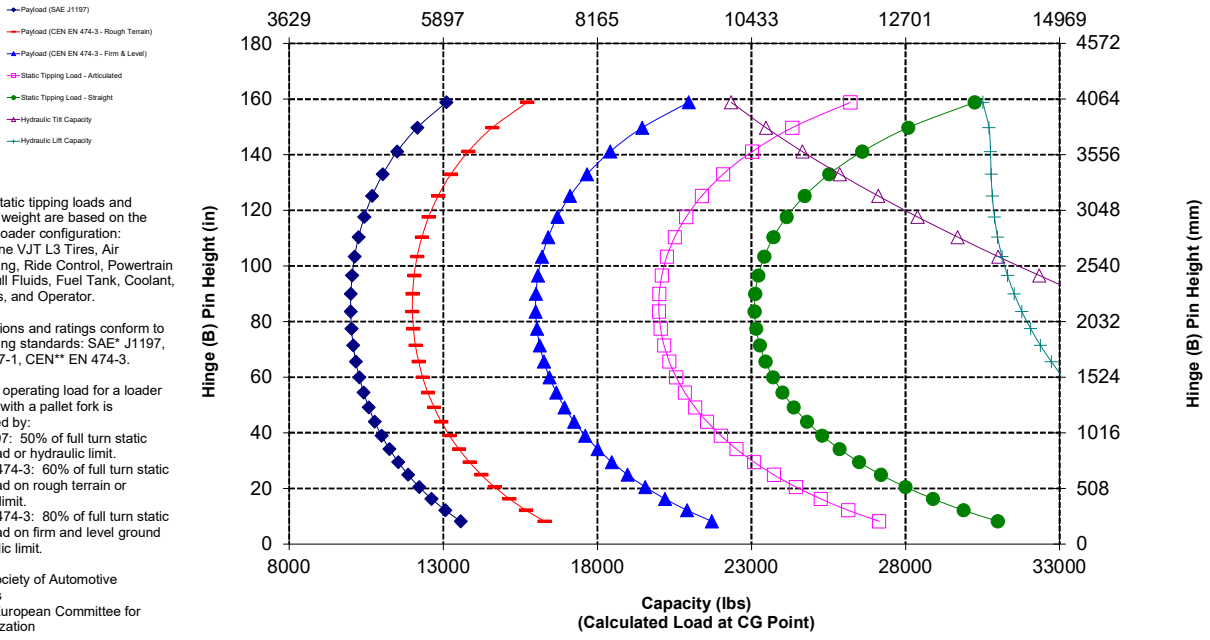
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, No TC, Pin-On — **60" Tine** — **379-2340**

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





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

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

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

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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

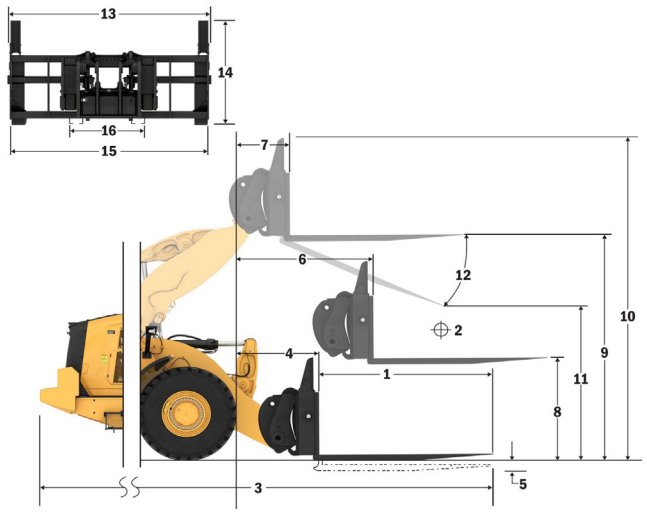
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9854 21718
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8486 18702
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4243 9351
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

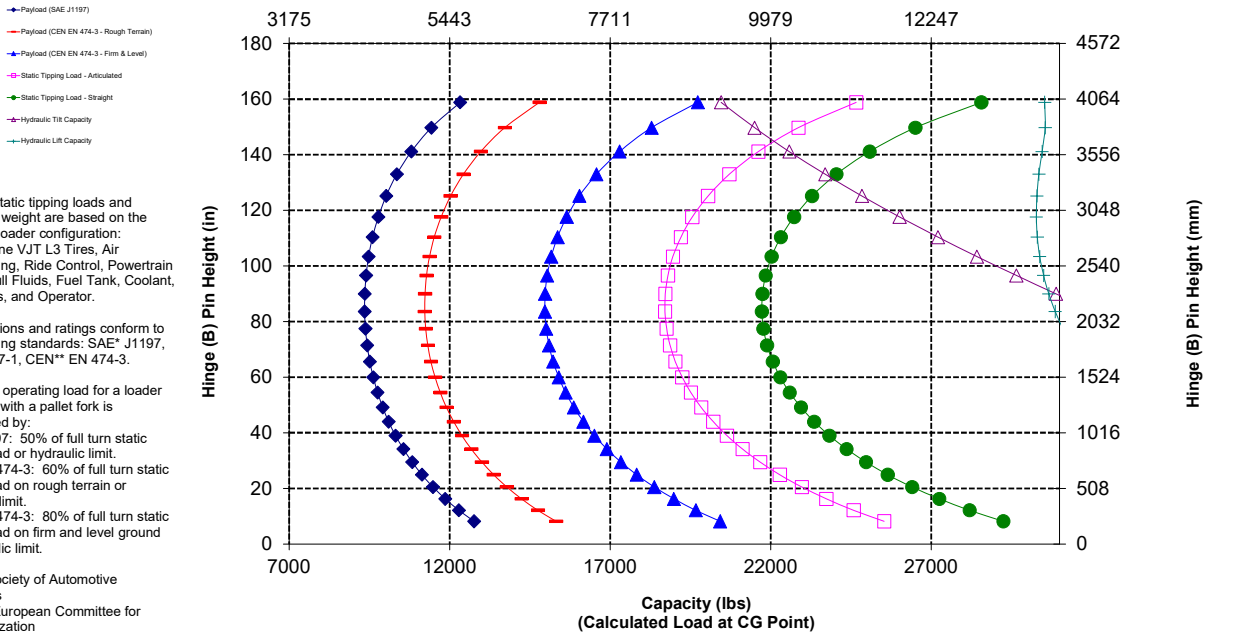
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, No TC, FUSION — **60" Tine** — **435-4634**

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





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

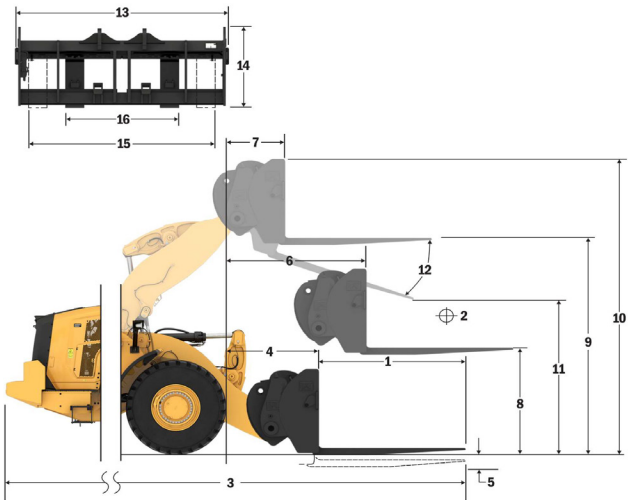
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9703 21385
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8353 18410
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4177 9205
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

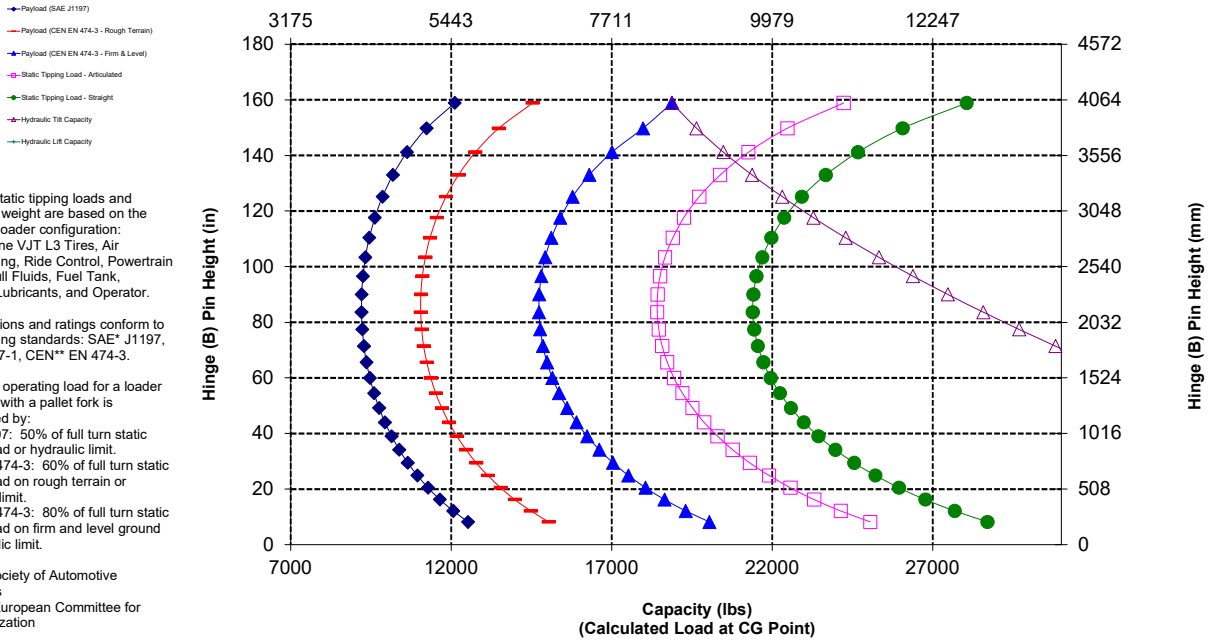
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, Top Clamp, FUSION — **60" Tine** — **416-4599**

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





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

*Negative values indicate below grade

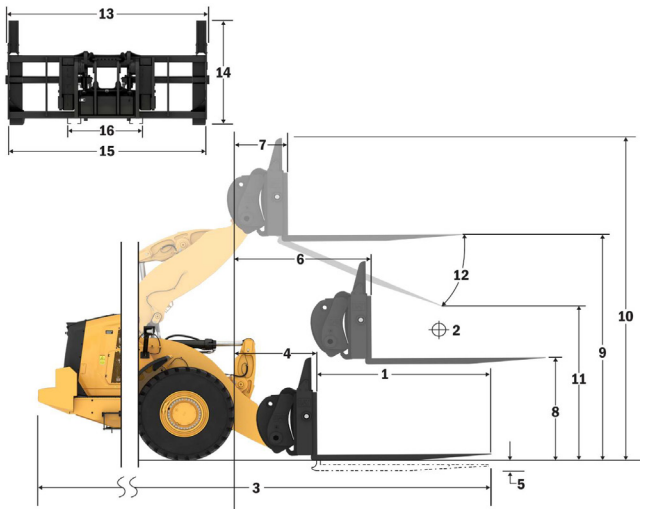
950 LOG

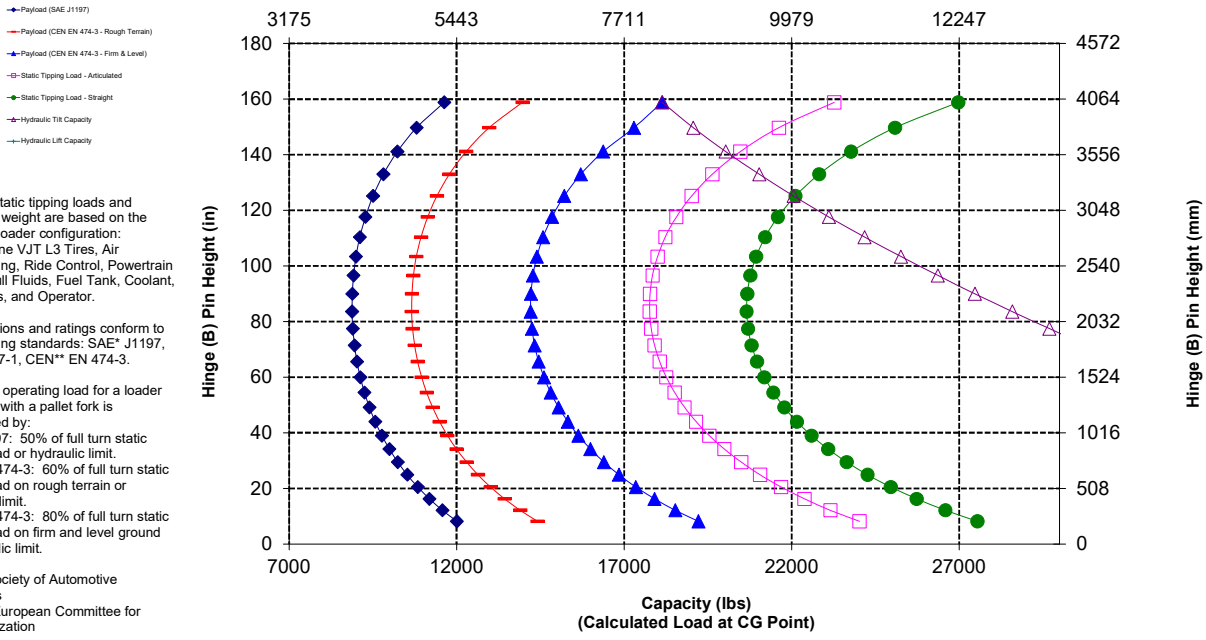
Log & Lumber Fork, No TC, FUSION

72" Tine

379-2199

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





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

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

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

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

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

Fork Specifications

Fork Specifications

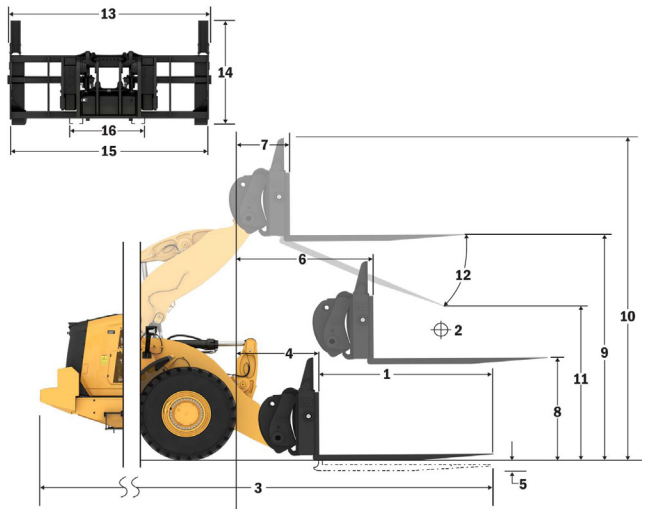
1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9364 20639
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8055 17752
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4027 8876
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

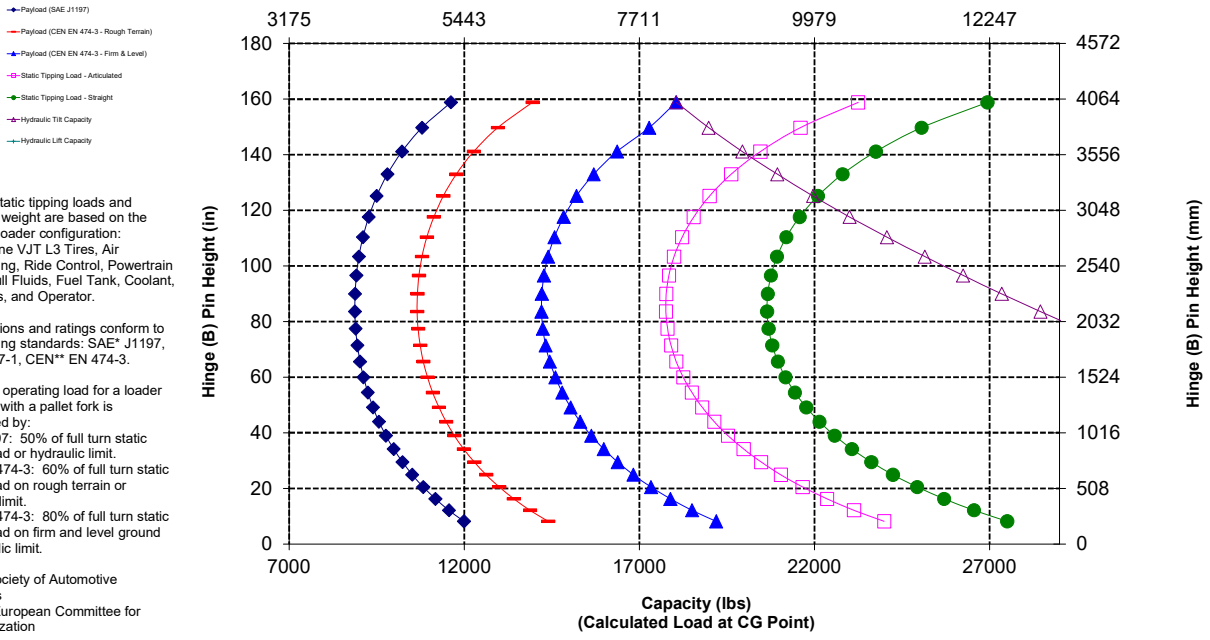
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, No TC, FUSION — **72" Tine** — **435-4684**

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





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

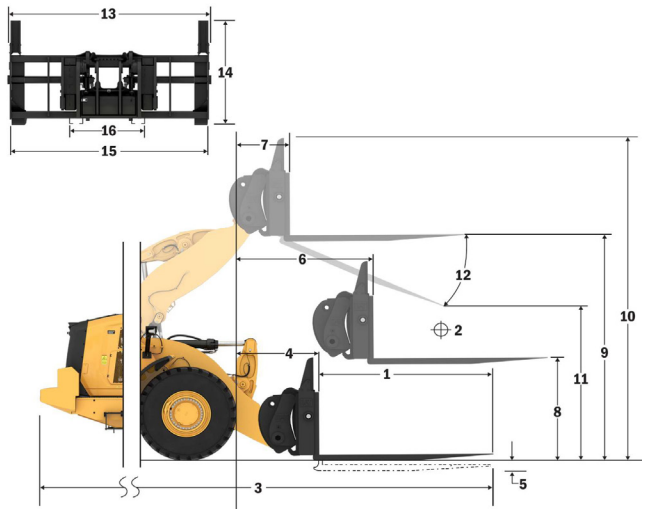
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8487 18706
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7280 16045
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3640 8022
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

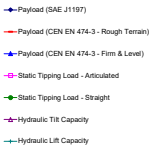
*Negative values indicate below grade

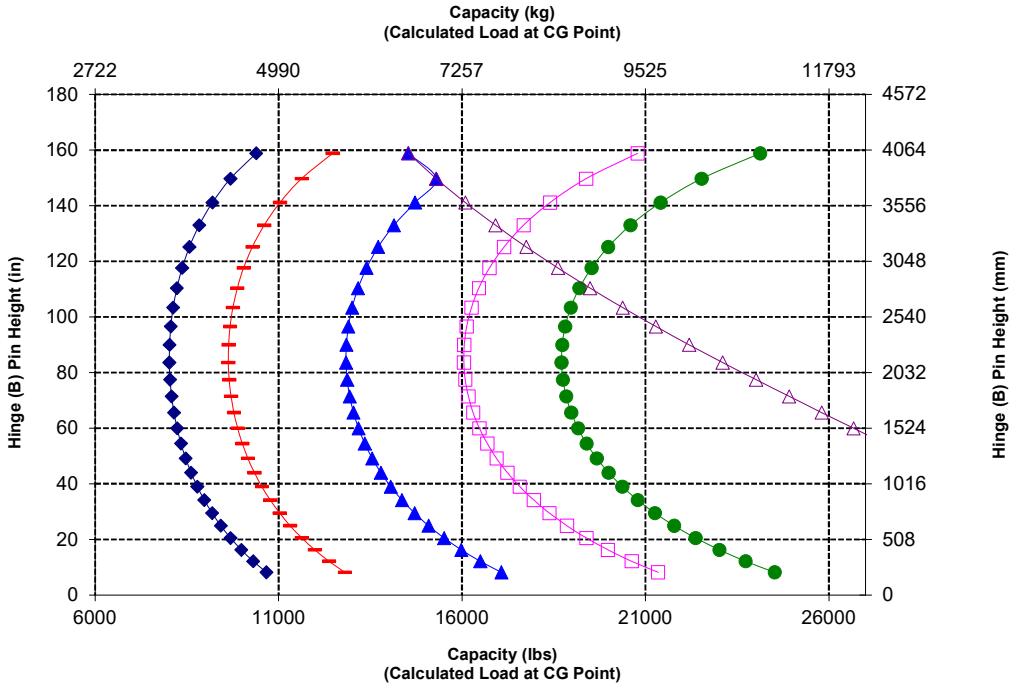
950 LOG

Log & Lumber Fork, No TC, FUSION — **96" Tine** — **379-2321**

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







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

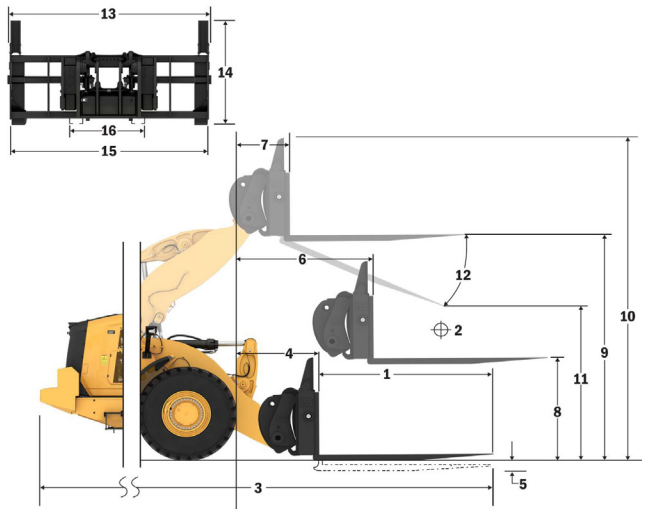
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9004 19846
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7769 17123
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3884 8561
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

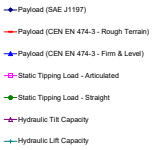
*Negative values indicate below grade

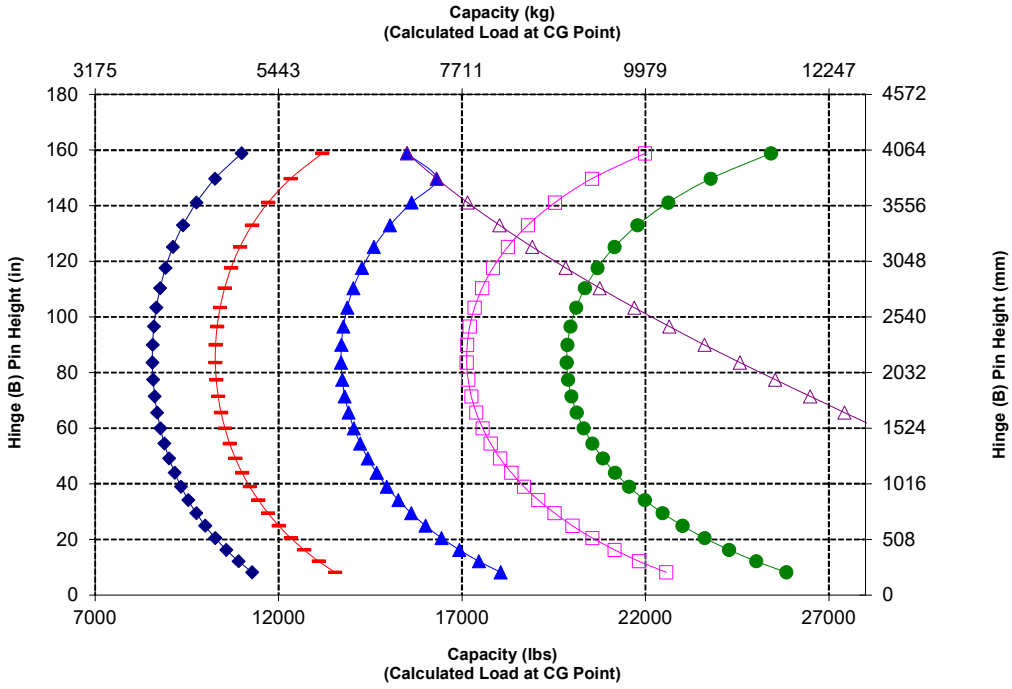
950 LOG

Log & Lumber Fork, No TC, Pin-On — **96" Tine** — **379-2346**

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







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

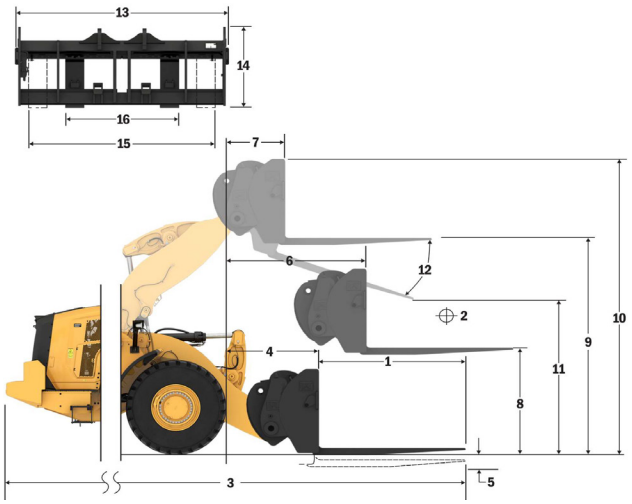
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8484 18699
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7279 16042
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3639 8021
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

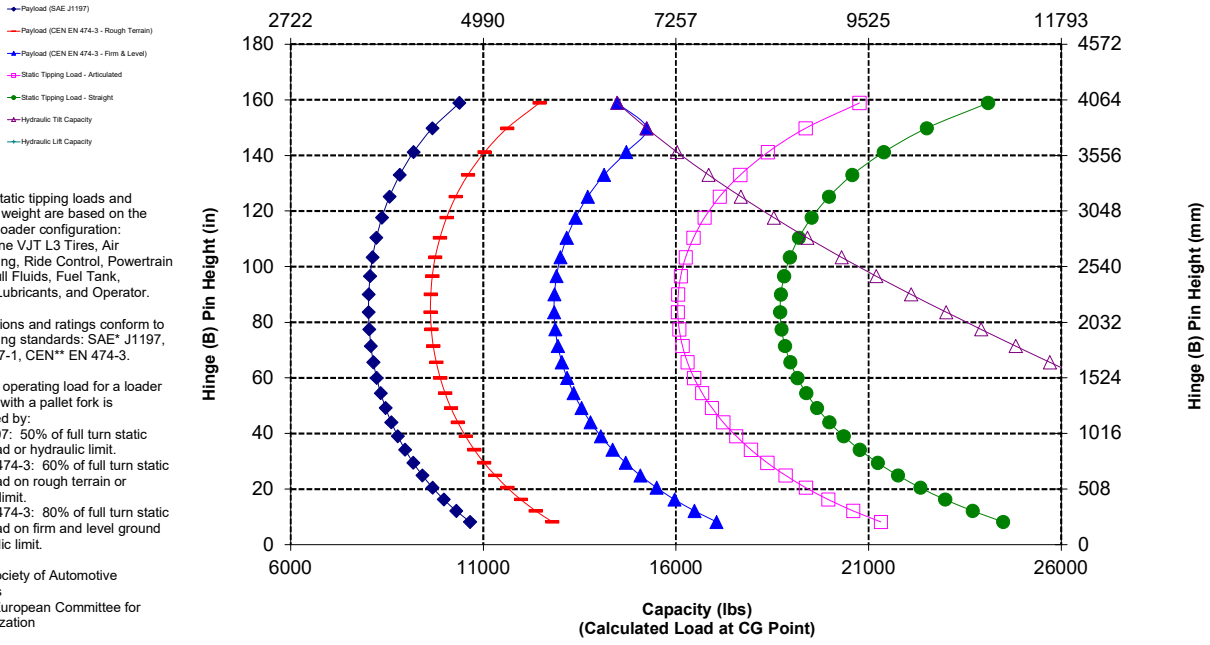
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, FUSION — **96" Tine** — **435-4686**

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





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

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

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

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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

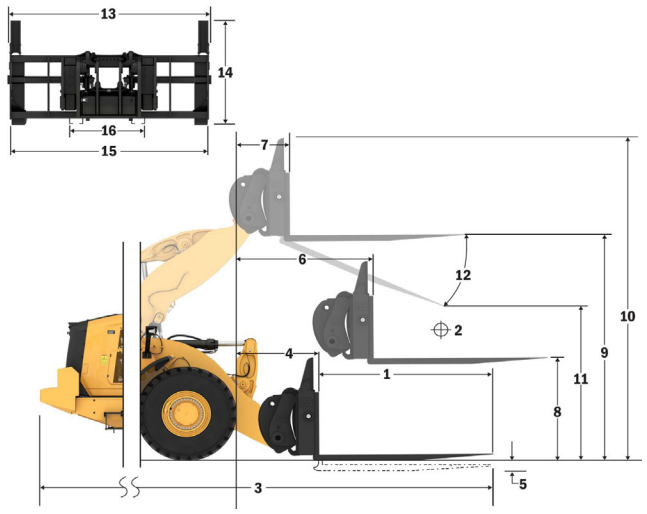
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8386 18483
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7189 15844
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3594 7922
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

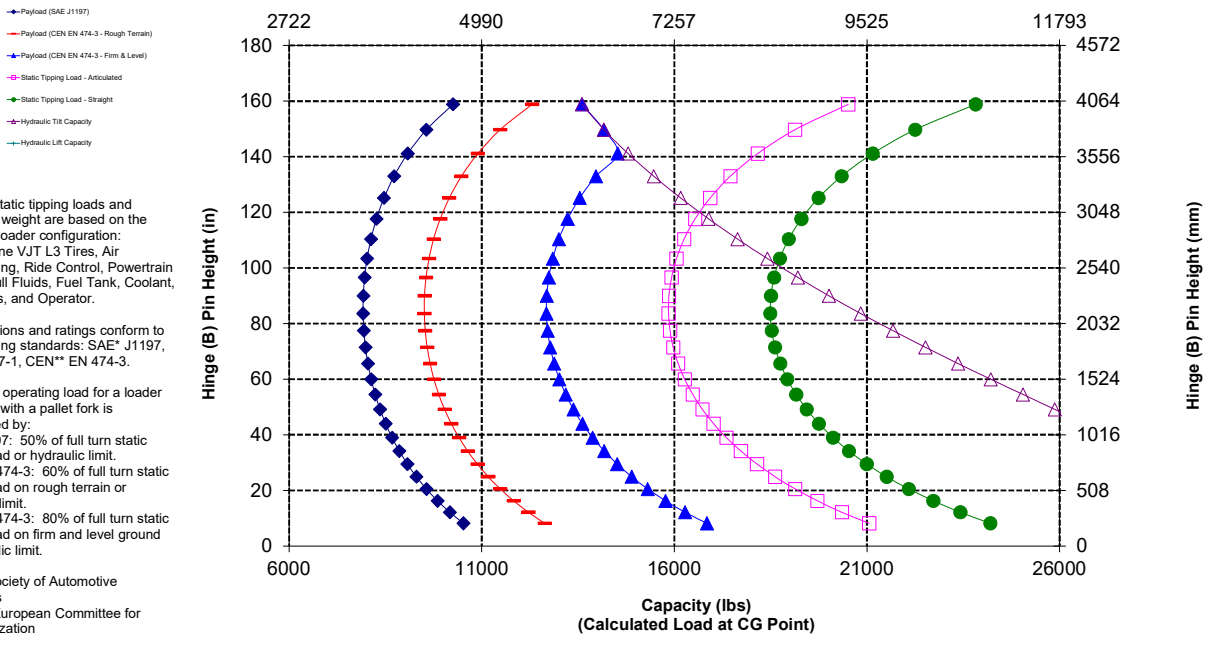
*Negative values indicate below grade

950 LOG

Log & Lumber Fork, No TC, FUSION — **96" Tine** — **464-3422**

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





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	1219 48.0
2	Fork width	mm in	1893 74.5
	End area	m2 ft2	1.45 16
3	Inside Height (only applies to double top clamp)	mm in	0 0
4	Min. opening (only applies to millyard forks)	mm in	325 13
	Operating Weight	kg lbs	20468 45124
5	Distance inside of tine tips	mm in	1409 55
	Static tipping load, articulated Fork level	kg lbs	8058 17763.6
	Static tipping load, straight Fork level	kg lbs	9467 20871.1
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	2535 99.8
8	Clearance @ full lift fork level	mm in	3732 146.9
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm in	1640 64.6
10	Reach w/lift arm horizontal and fork level	mm in	3125 123.0
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-96 -3.8
12	Width over tines	mm in	1769 69.6
13	Reach @ ground level	mm in	2595 102
14	Max. opening across tine and clamp	mm in	2635 103.7
15	Overall height of fork @ full lift and clamp open	mm in	6664 262.3
16	Overall length Tip of tine to rear of machine	mm in	8822 347.3
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2348 92.5
18	Clearance w/horizontal lift arms and fork level	mm in	1770.6 69.7
19	Reach @ full lift and fork level	mm in	2387.5 94.0
20	Max. discharge angle from horizontal	deg rad	57 1.0
	Tine Capacity	kg lbs	14100 31076

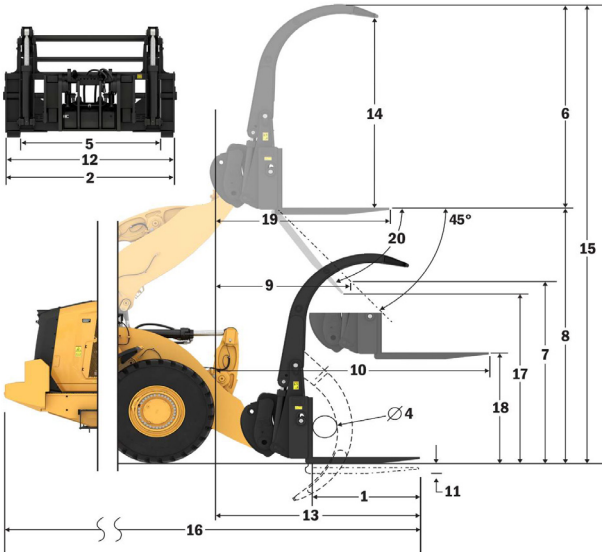
*Negative values indicate below grade

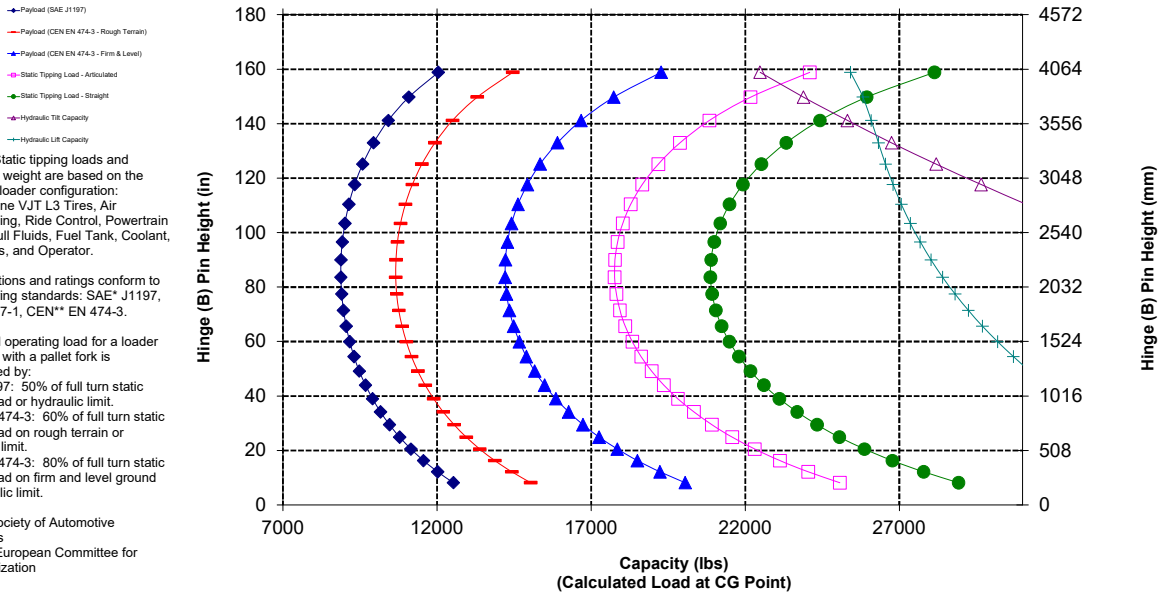
950 LOG

48" Tine

Log & Lumber Fork, Top Clamp, FUSION **380-8227**

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





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

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

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

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

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

Fork Specifications

Fork Specifications

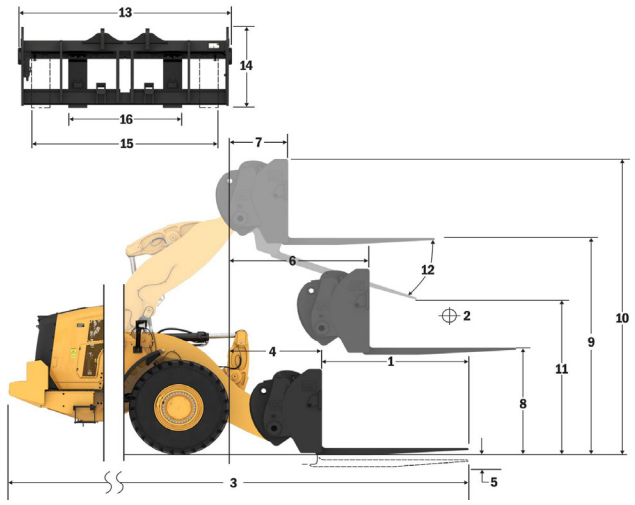
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	10212 22506
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8830 19461
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4415 9730
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

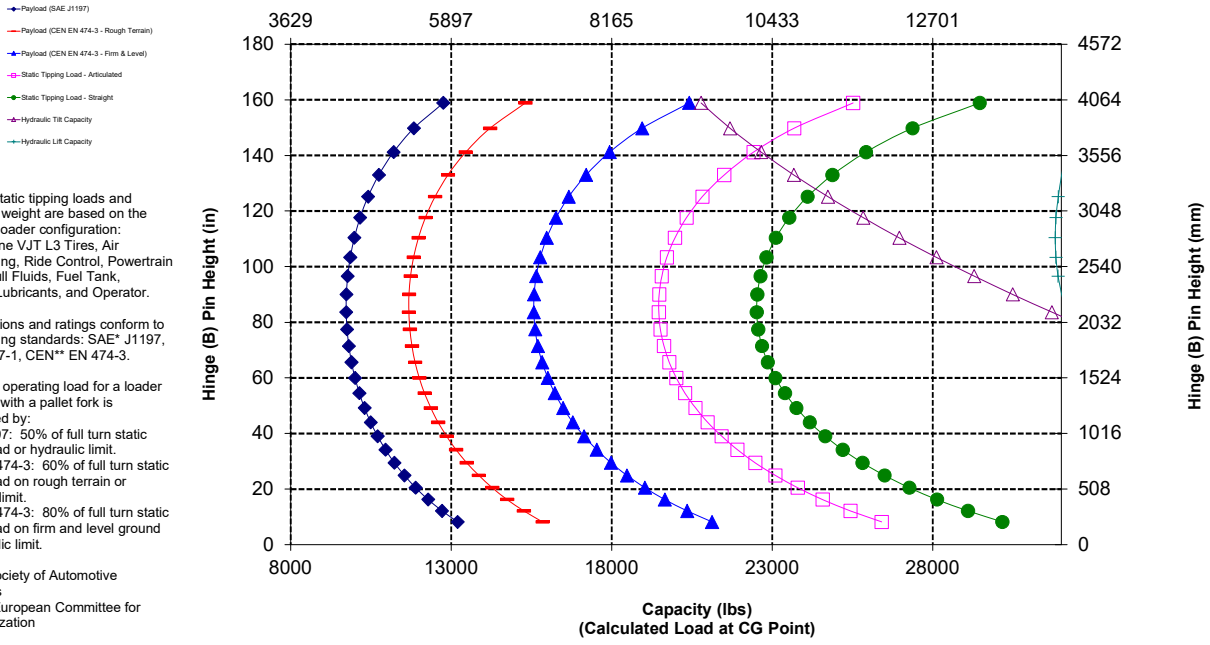
*Negative values indicate below grade

950 LOG

	87" Carriage	60" Tine
Pallet Fork, FUSION	530-1861	548-3265

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





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

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

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

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

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

950 Forestry Machine Specifications

Fork Specifications

Fork Specifications

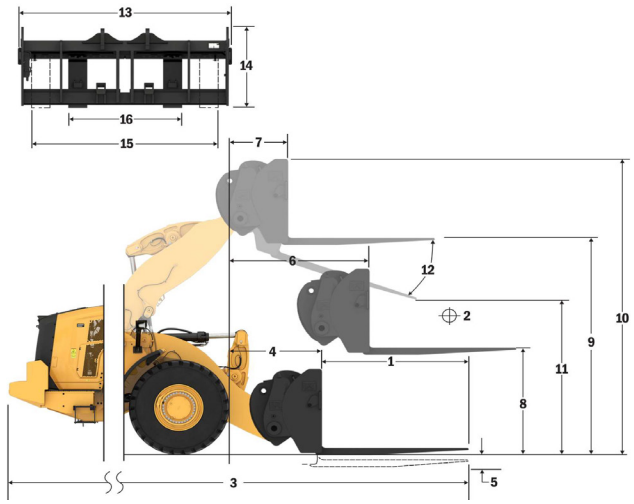
1	Tine Length	mm in	1830 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9720 21422
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8398 18509
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4199 9255
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5039 11106
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6718 14808
3	Maximum Overall Length	mm in	9315 366.7
4	Reach with Forks at Ground Level	mm in	1258 49.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-160 -6.3
6	Reach with Arms Horizontal and Forks Level	mm in	1752 69.0
7	Reach with Fork at Maximum Height	mm in	1014 39.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1772 69.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3733 147.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4508 177.5
11	Clearance at Full Lift and Max Dump	mm in	2145 84.5
12	Max Discharge Angle from Horizontal	deg	46
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	19457 42884

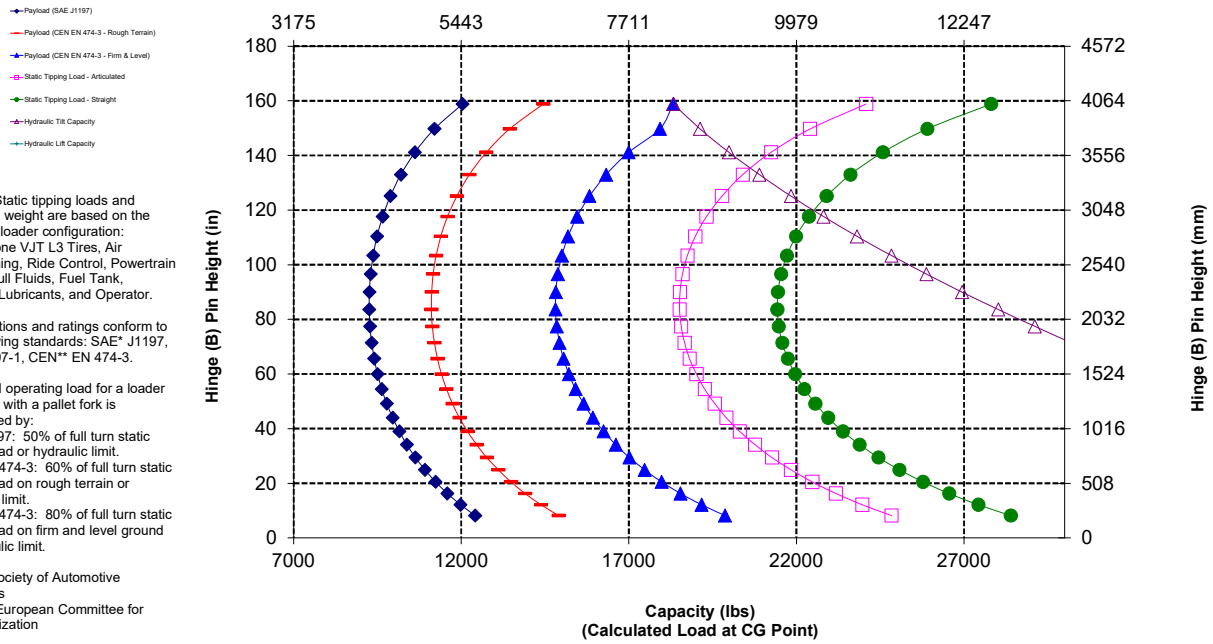
*Negative values indicate below grade

950 LOG

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

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





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

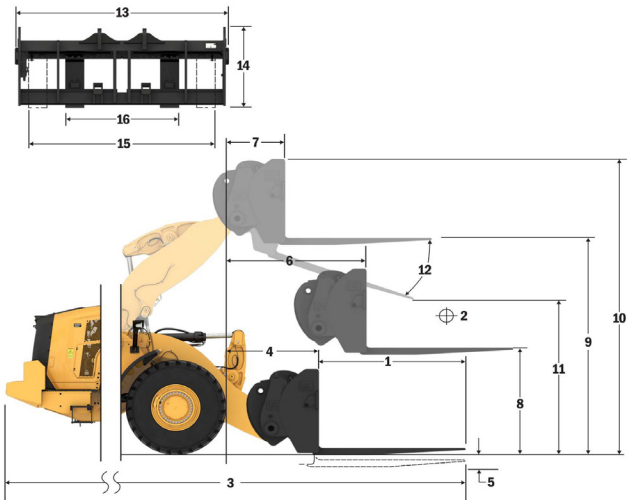
1	Tine Length	mm in	1219 48.0
2	Load Center	mm in	610 24.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	10487 23112
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9035 19913
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4518 9957
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5421 11948
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	7228 15931
3	Maximum Overall Length	mm in	8659 340.9
4	Reach with Forks at Ground Level	mm in	1212 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.6
7	Reach with Fork at Maximum Height	mm in	1006 39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3838 151.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4878 192.1
11	Clearance at Full Lift and Max Dump	mm in	2550 100.4
12	Max Discharge Angle from Horizontal	deg	52
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	22200 48929
	Operating Weight	kg lbs	19719 43461

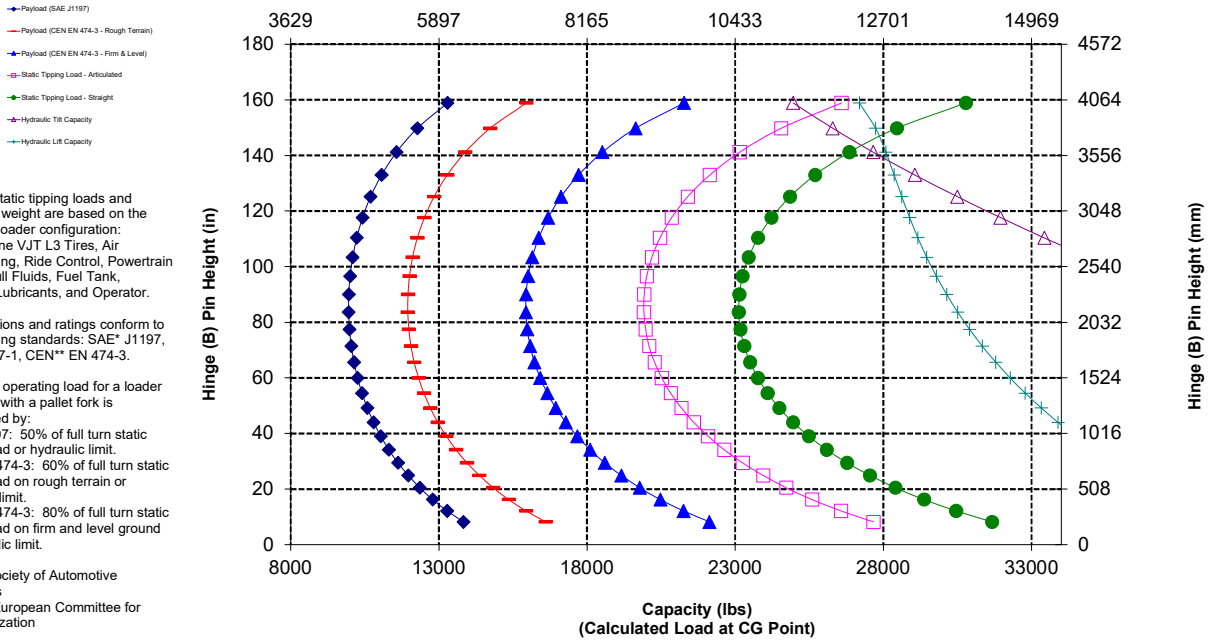
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	96" Carriage	48" Tine
	520-7957	520-7985

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





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

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

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

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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.

950 Forestry Machine Specifications

Fork Specifications

Fork Specifications

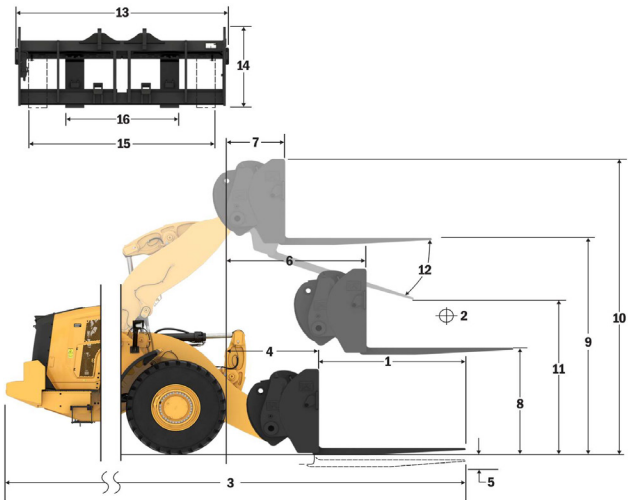
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9944 21916
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8558 18862
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4279 9431
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

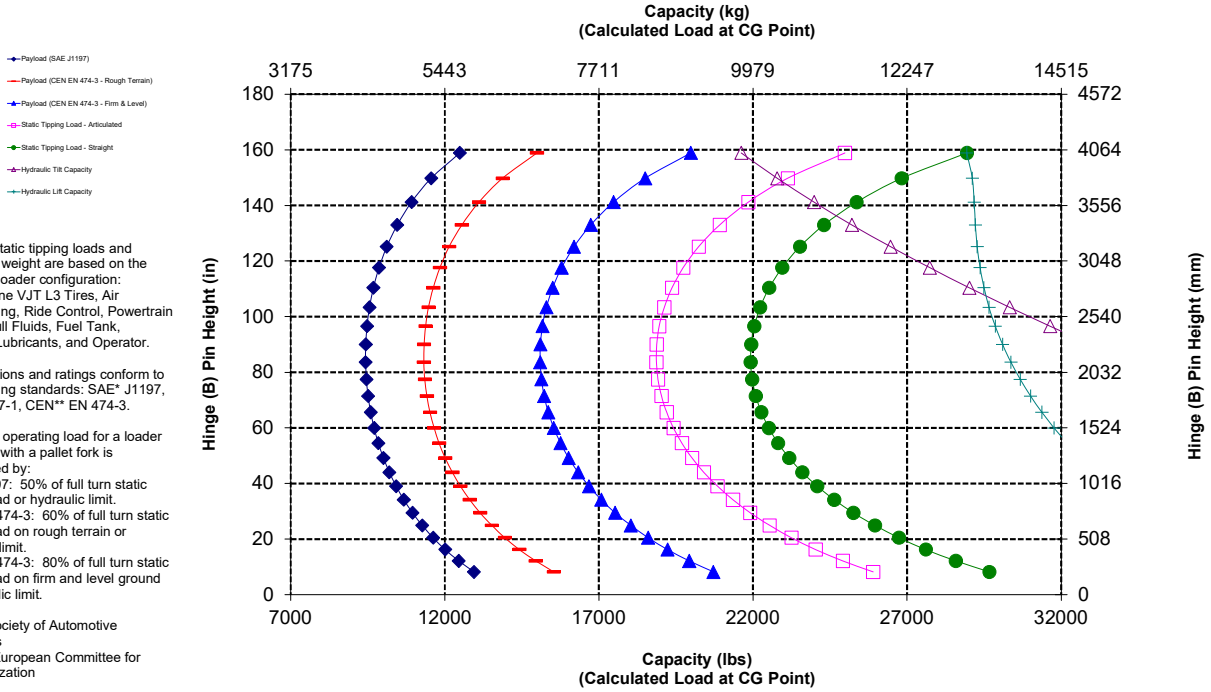
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	96" Carriage	60" Tine
	520-7957	520-7980

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





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

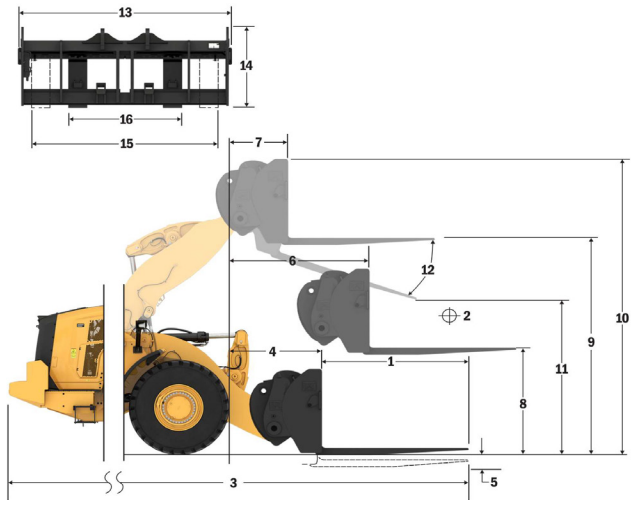
1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9446 20819
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8121 17898
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4060 8949
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4872 10739
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6496 14318
3	Maximum Overall Length	mm in	9269 364.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1007 39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3838 151.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4878 192.1
11	Clearance at Full Lift and Max Dump	mm in	2068 81.4
12	Max Discharge Angle from Horizontal	deg	52
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	19846 43741

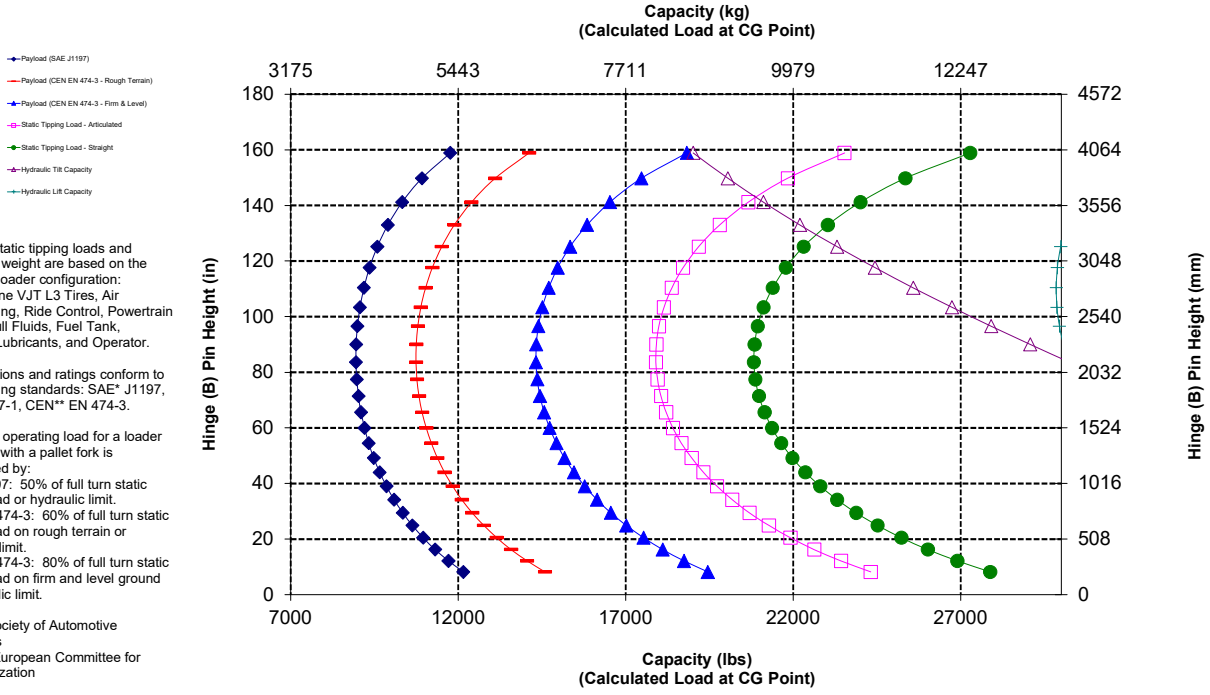
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	96" Carriage	72" Tine
	520-7957	520-7979

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





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

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

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

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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

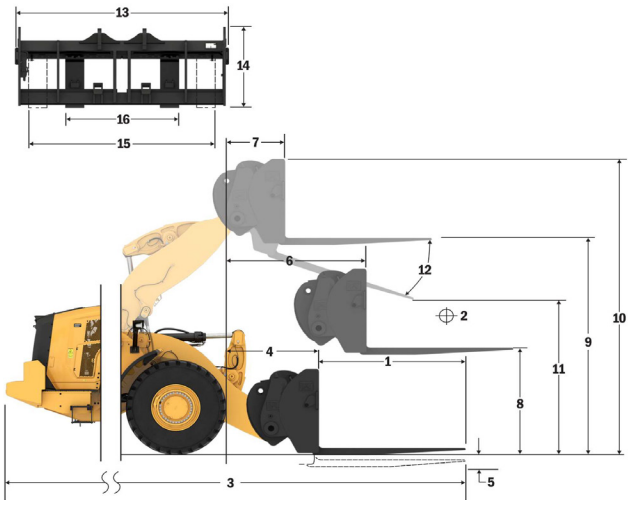
1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8983 19799
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7713 17000
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3857 8500
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4628 10200
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6170 13600
3	Maximum Overall Length	mm in	9574 376.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1007 39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3838 151.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4878 192.1
11	Clearance at Full Lift and Max Dump	mm in	1827 71.9
12	Max Discharge Angle from Horizontal	deg	52
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	19909 43880

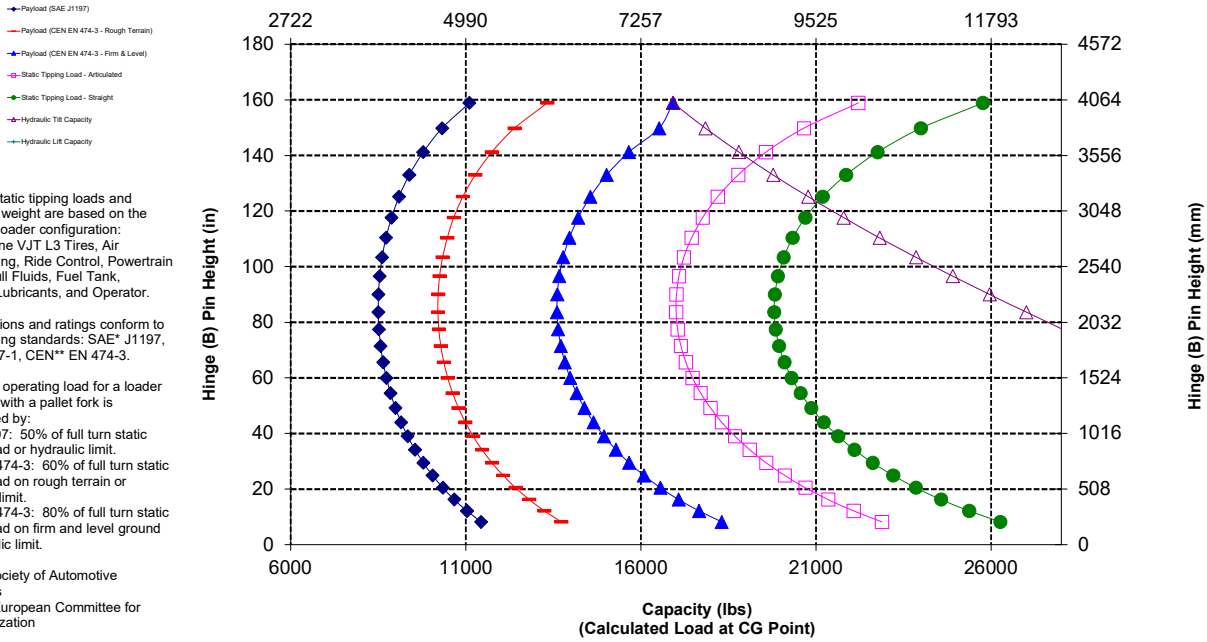
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	96" Carriage	84" Tine
	520-7957	520-7986

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





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

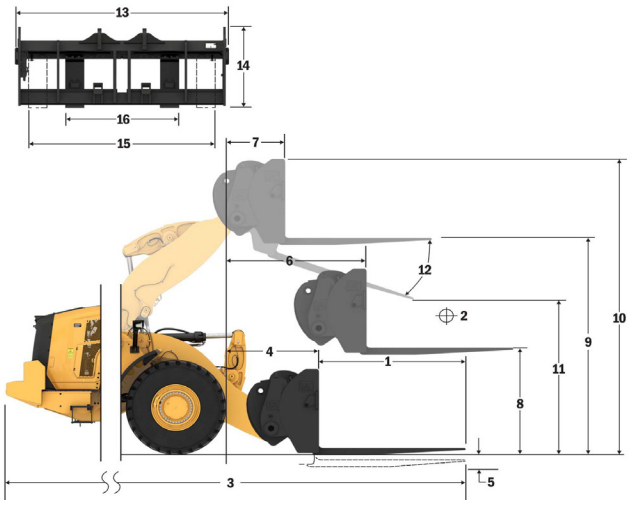
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8555 18855
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7336 16168
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3668 8084
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4401 9701
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5868 12934
3	Maximum Overall Length	mm in	9878 388.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1007 39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3838 151.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4878 192.1
11	Clearance at Full Lift and Max Dump	mm in	1587 62.5
12	Max Discharge Angle from Horizontal	deg	52
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	19971 44017

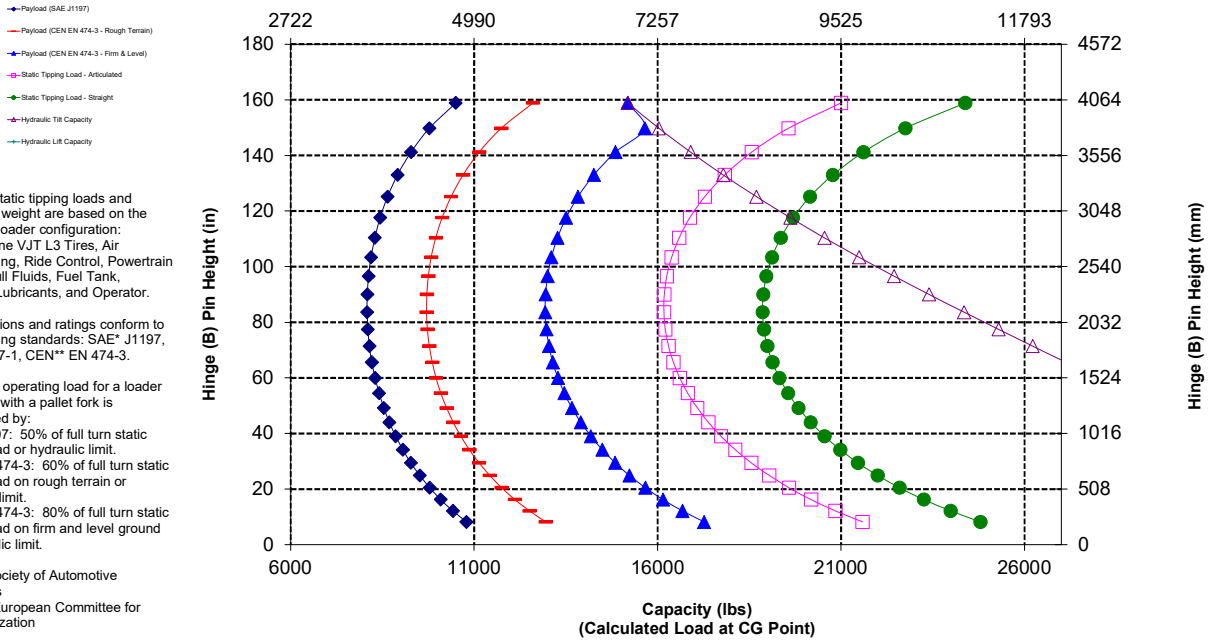
*Negative values indicate below grade

950 LOG

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

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





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

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

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

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

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

Fork Specifications

Fork Specifications

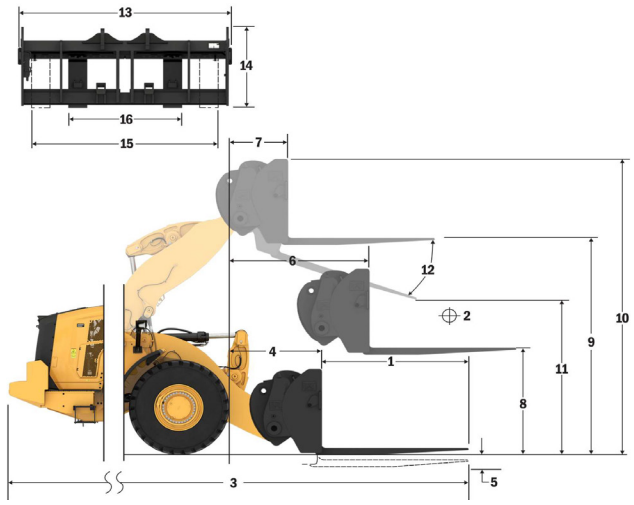
1	Tine Length	mm in	1219 48.0
2	Load Center	mm in	610 24.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	10446 23023
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8995 19824
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4497 9912
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

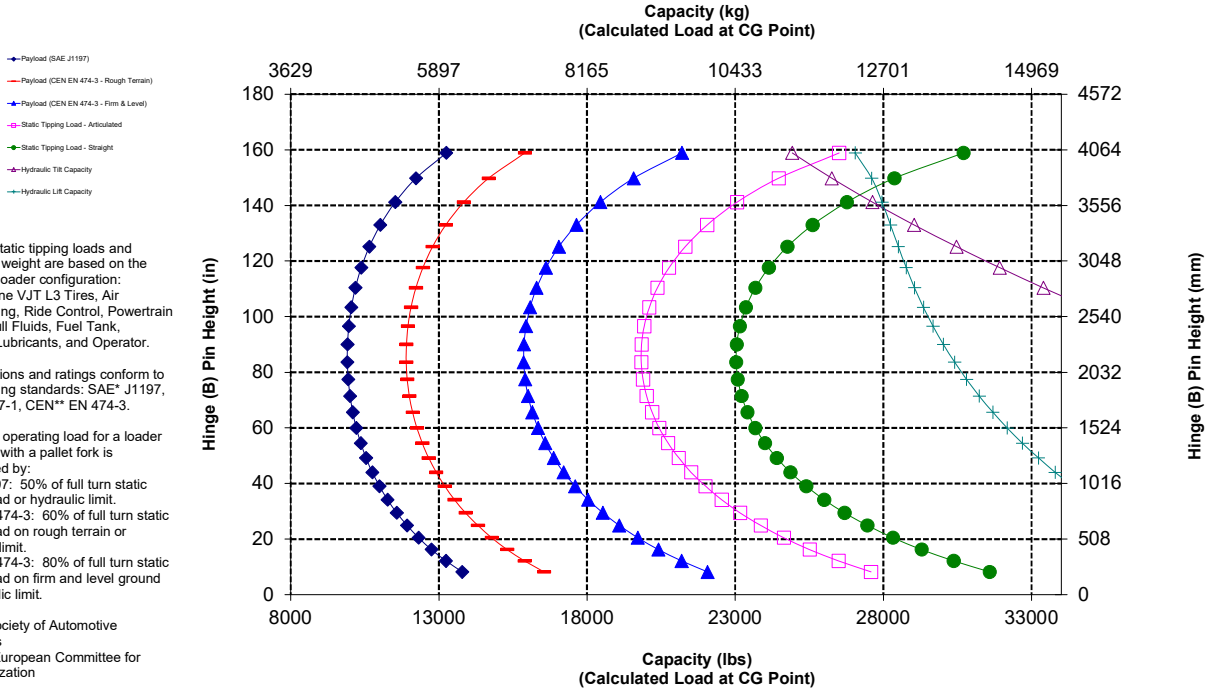
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	108" Carriage	48" Tine
	520-7968	520-7985

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





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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

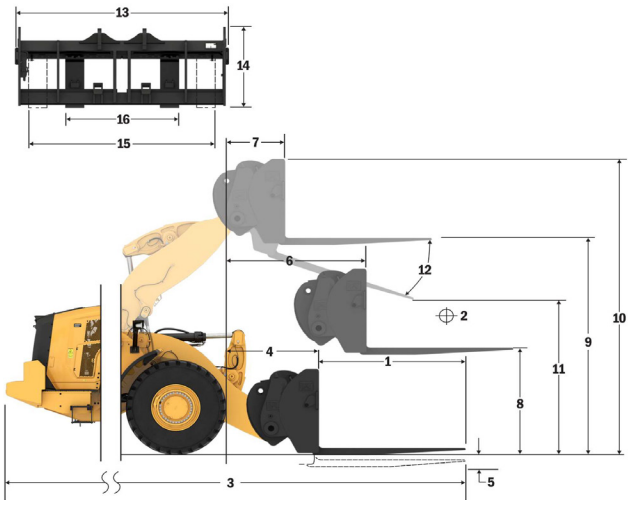
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9909 21839
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8523 18784
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4261 9392
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs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

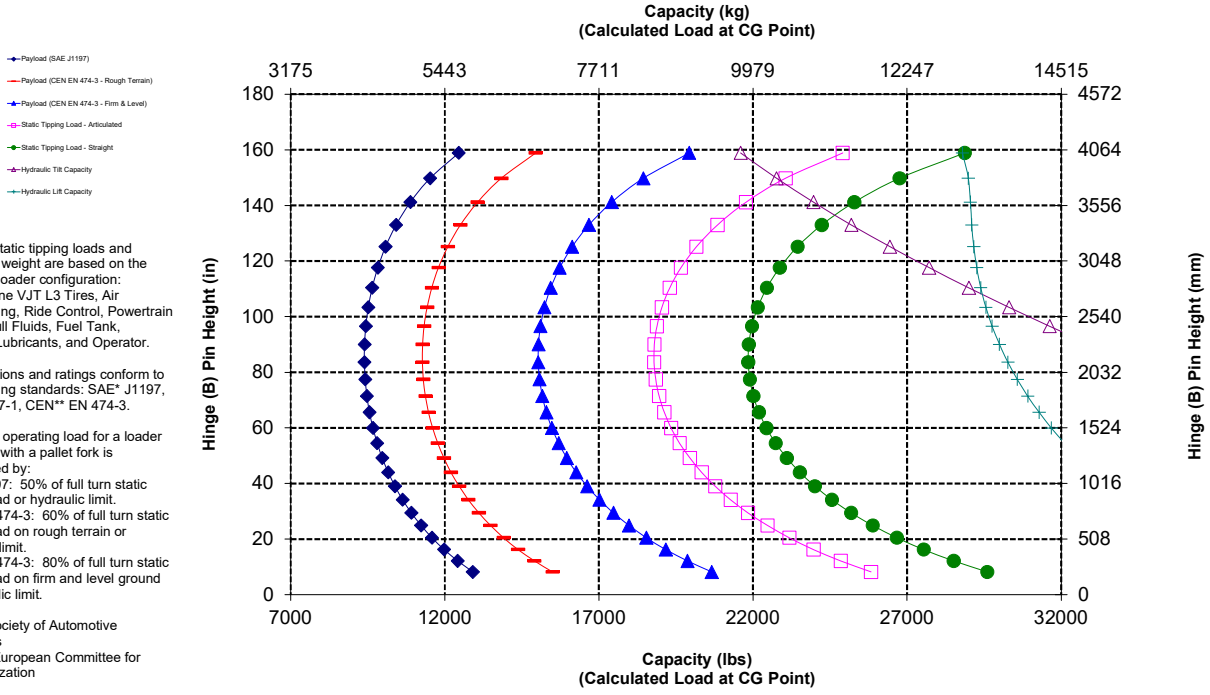
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	108" Carriage	60" Tine
	520-7968	520-7980

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





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

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

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

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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.

950 Forestry Machine Specifications

Fork Specifications

Fork Specifications

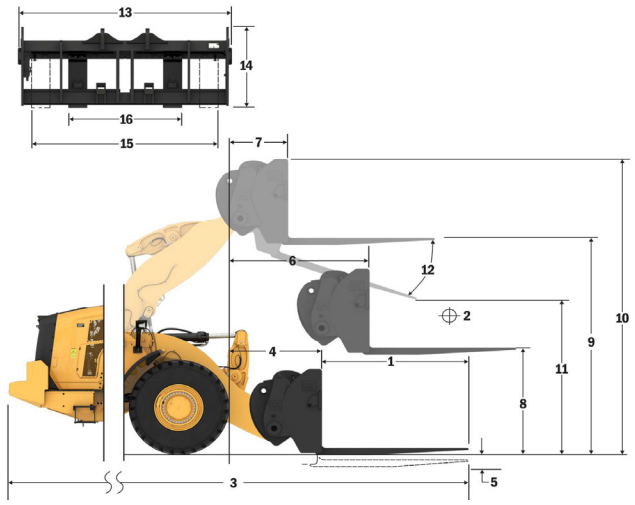
1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9412 20743
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8086 17822
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4043 8911
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4852 10693
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6469 14257
3	Maximum Overall Length	mm in	9269 364.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1007 39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3838 151.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4878 192.1
11	Clearance at Full Lift and Max Dump	mm in	2068 81.4
12	Max Discharge Angle from Horizontal	deg	52
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	19896 43851

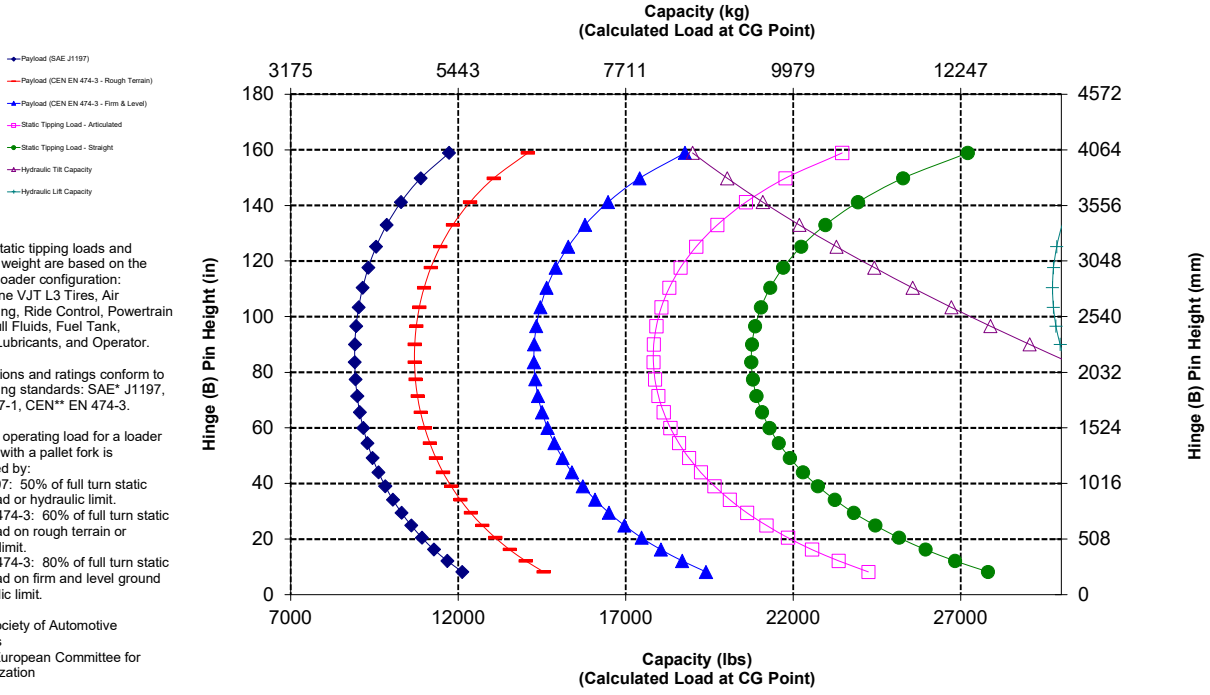
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	108" Carriage	72" Tine
	520-7968	520-7979

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





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

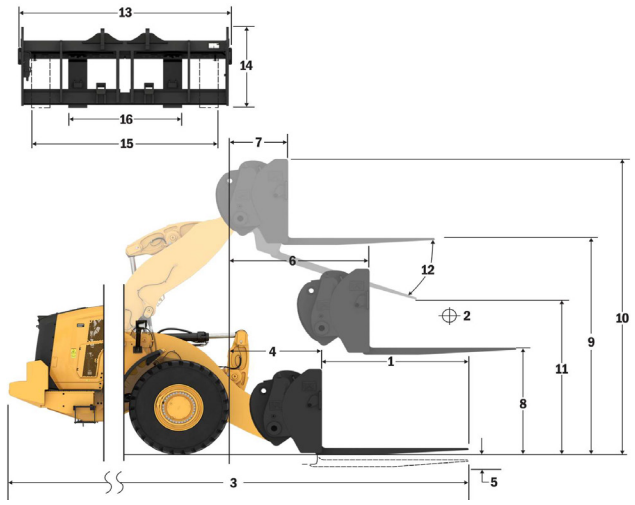
1	Tine Length	mm in	2134 84.0
2	Load Center	mm in	1067 42.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8951 19728
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7681 16929
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3840 8464
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4609 10157
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6145 13543
3	Maximum Overall Length	mm in	9574 376.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1007 39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3838 151.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4878 192.1
11	Clearance at Full Lift and Max Dump	mm in	1827 71.9
12	Max Discharge Angle from Horizontal	deg	52
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	19958 43988

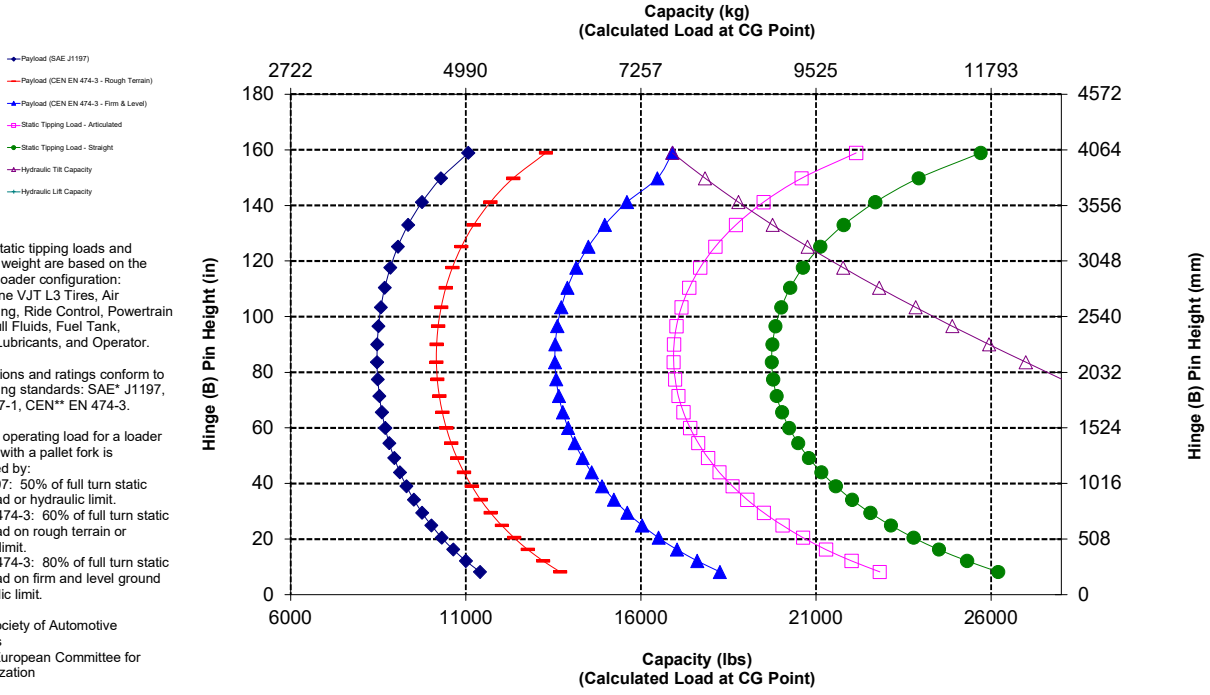
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	108" Carriage	84" Tine
	520-7968	520-7986

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





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

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

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Fork Specifications

Fork Specifications

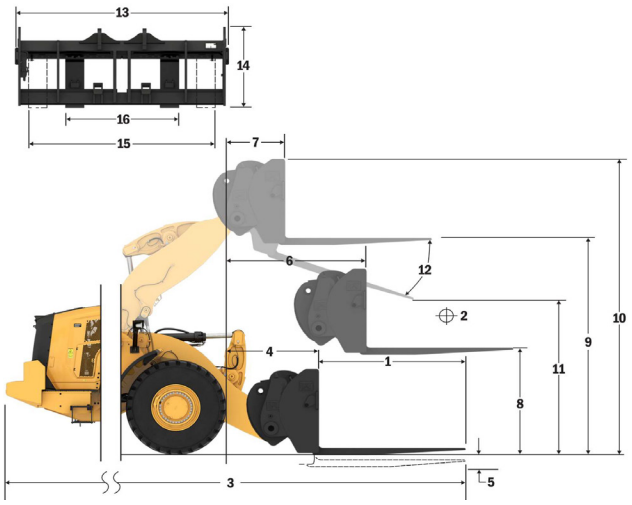
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8523 18785
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7304 16097
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3652 8049
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4382 9658
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5843 12878
3	Maximum Overall Length	mm in	9878 388.9
4	Reach with Forks at Ground Level	mm in	1213 47.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-79 -3.1
6	Reach with Arms Horizontal and Forks Level	mm in	1744 68.7
7	Reach with Fork at Maximum Height	mm in	1007 39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1877 73.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3838 151.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4878 192.1
11	Clearance at Full Lift and Max Dump	mm in	1587 62.5
12	Max Discharge Angle from Horizontal	deg	52
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	20021 44127

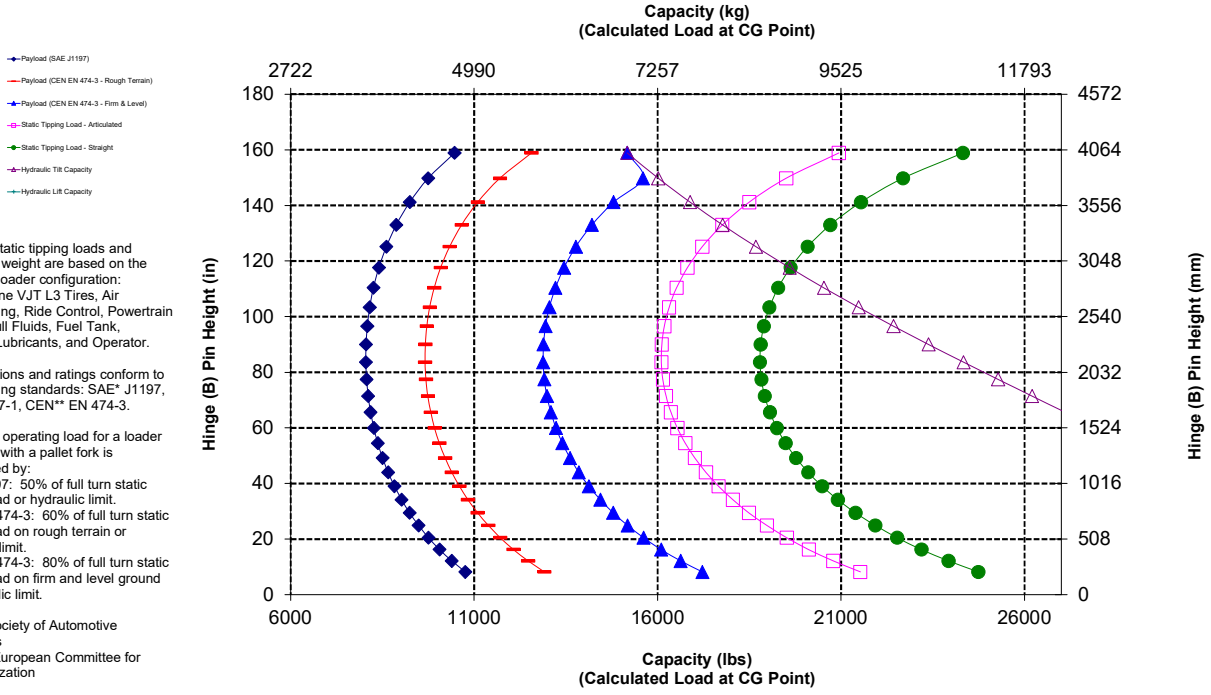
*Negative values indicate below grade

950 LOG

Pallet Fork, FUSION	108" Carriage	96" Tine
	520-7968	520-7981

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





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

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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

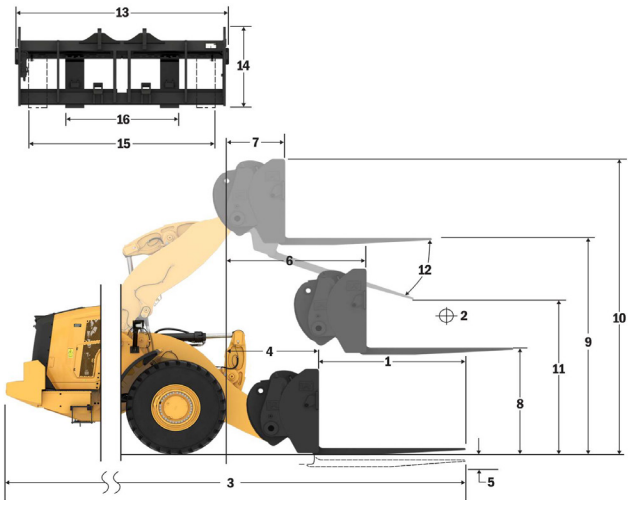
1	Tine Length	mm in	2438 96.0
2	Load Center	mm in	1219 48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8244 18170
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7056 15551
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3528 7775
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4233 9331
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	5645 12441
3	Maximum Overall Length	mm in	9984 393.1
4	Reach with Forks at Ground Level	mm in	1319 51.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-90 -3.5
6	Reach with Arms Horizontal and Forks Level	mm in	1843 72.6
7	Reach with Fork at Maximum Height	mm in	1106 43.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1867 73.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3828 150.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4896 192.7
11	Clearance at Full Lift and Max Dump	mm in	1513 59.6
12	Max Discharge Angle from Horizontal	deg	52
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	20070 44235

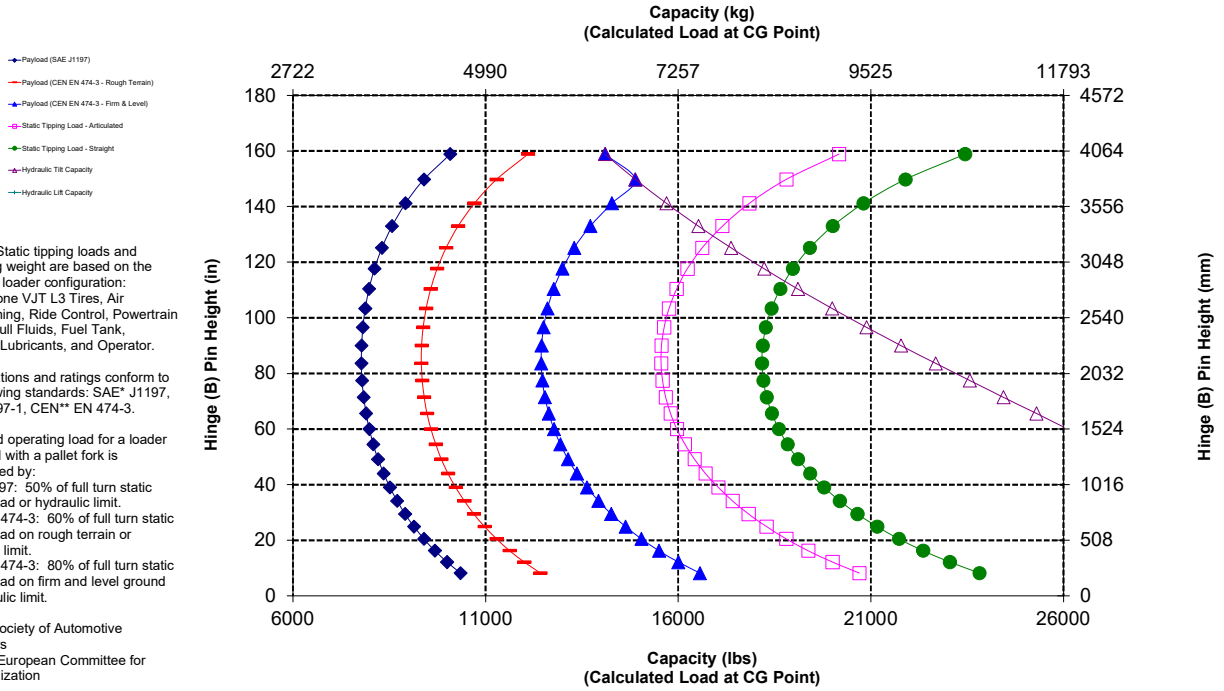
*Negative values indicate below grade

950 LOG — **96" Tine**

Pallet - Hyd Adjustable, FUSION — **468-2852**

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





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

950 Forestry Machine Specifications

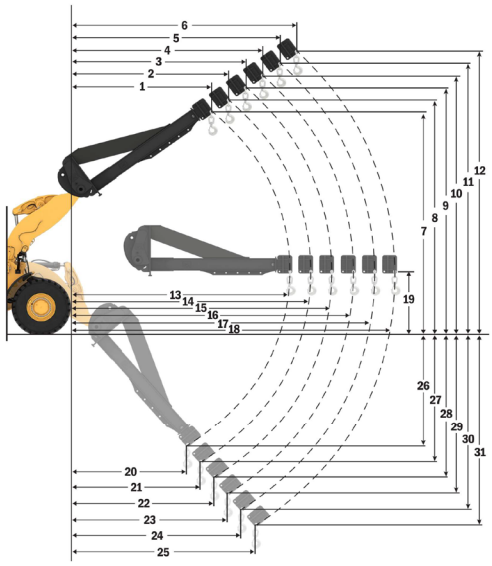
Material Handling Specifications

950 LOG

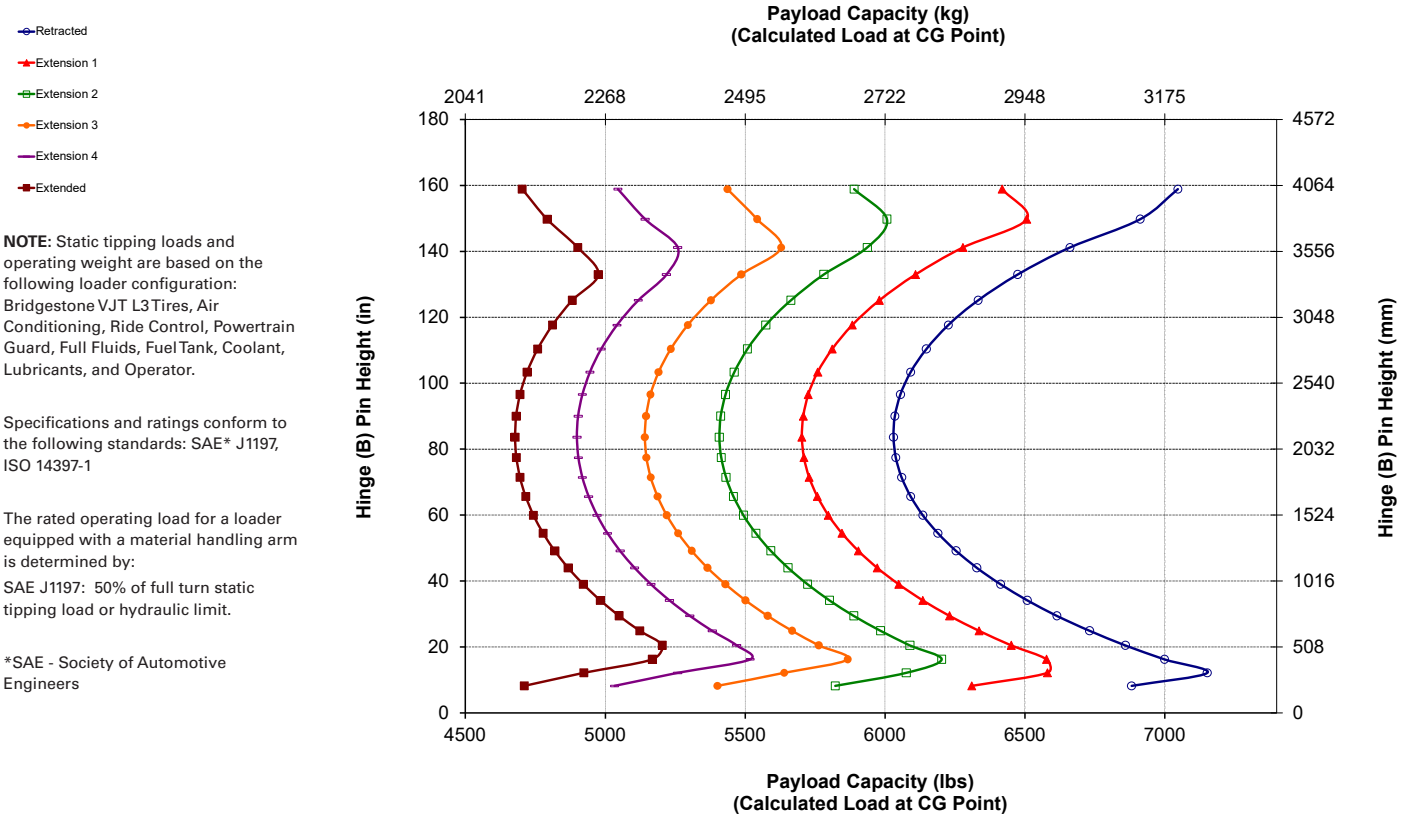
289-9885

Material Handling Arm, FUSION **6 Position**

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



MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	mm	2,282	2,421	2,560	2,698	2,837	2,976
	ft, in	7' 5"	7' 11"	8' 4"	8' 10"	9' 3"	9' 9"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	6,870	7,141	7,412	7,684	7,955	8,226
	ft, in	22' 6"	23' 5"	24' 3"	25' 2"	26' 1"	26' 11"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,610	4,915	5,220	5,525	5,829	6,134
	ft, in	15' 1"	16' 1"	17' 1"	18' 1"	19' 1"	20' 1"
Level - Hook Eyelet Height (19)	mm	1,842	1,842	1,842	1,842	1,842	1,842
	ft, in	6' 0.5"	6' 0.5"	6' 0.5"	6' 0.5"	6' 0.5"	6' 0.5"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	2,416	2,596	2,777	2,957	3,137	3,318
	ft, in	7' 11"	8' 6"	9' 1"	9' 8"	10' 3"	10' 10"
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	mm	(2,593)	(2,839)	(3,085)	(3,330)	(3,576)	(3,822)
	ft, in	-8' 5"	-9' 8"	-10' 10"	-10' 0"	-11' 3"	-12' 5"
Static Tipping Load, Straight	kg	6,336	5,992	5,683	5,403	5,149	4,916
	lb	13,965	13,207	12,525	11,908	11,348	10,836
Static Tipping Load, Articulated	kg	5,491	5,192	4,923	4,680	4,458	4,256
	lb	12,102	11,443	10,850	10,314	9,826	9,381
Operating Weight	kg	19,168	19,168	19,168	19,168	19,168	19,168
	lb	42,247	42,247	42,247	42,247	42,247	42,247



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

Corrosion Resistant

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

Proven Reliability

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

Durability

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

Achieve Greater Fuel Efficiency and Productivity

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

Safety Features

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

Reduced Maintenance Time and Costs

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

Work in Comfort in the All New Cab

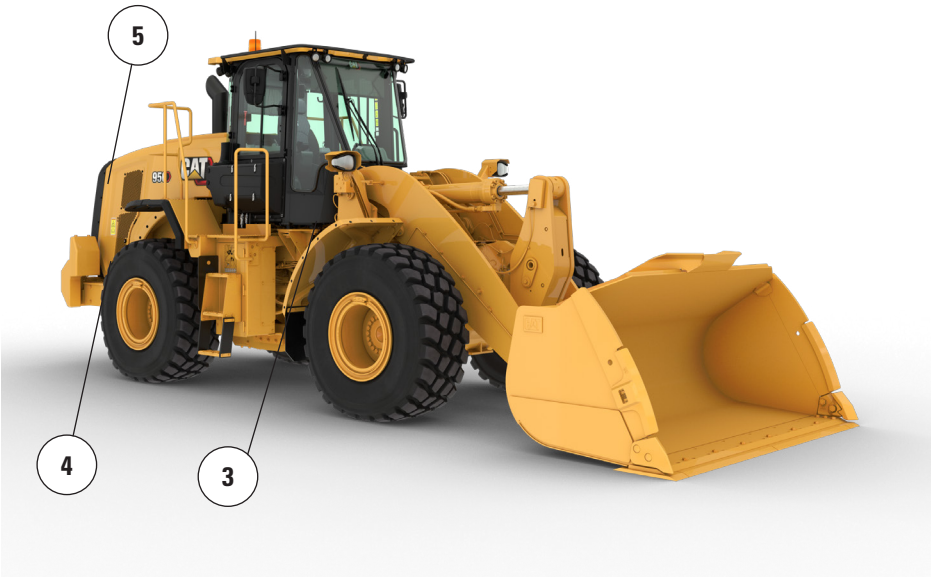
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s)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

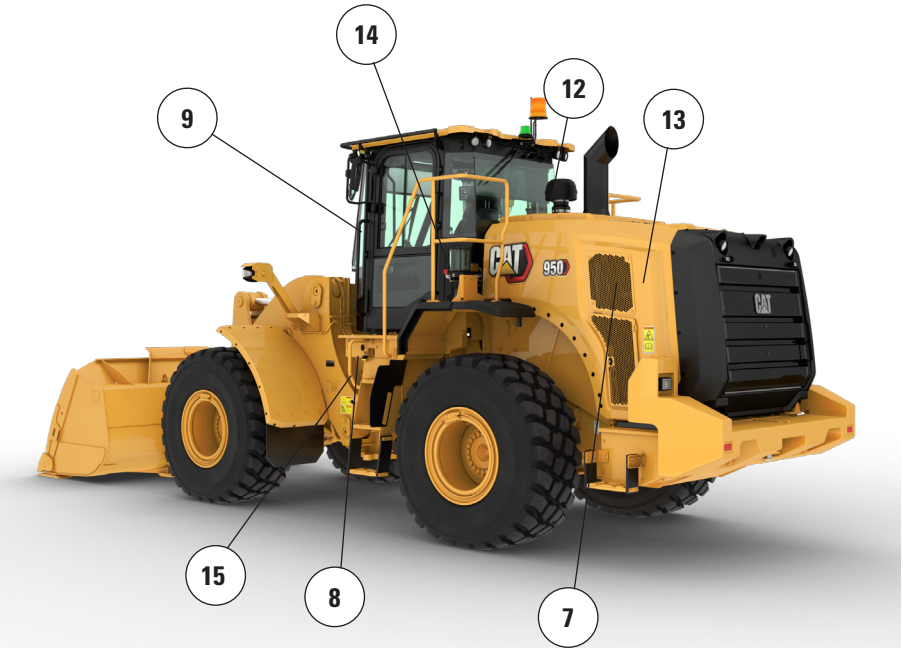
**Parts and fluids only.*

950 Corrosion Resistant Specifications

950 Corrosion Resistant Features

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





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

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com.**

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

AEXQ3709-01 (1-2025)
Replaces AEXQ3709-00
Build Number: 14B
(N Am, Europe, Aus-NZ, Türkiye, Chile, Colombia)