

966 XE Wheel Loader

Technical Specifications

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

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Engine		
Engine Model	Cat® C9.3B	
Engine Power @ 1,600 rpm –	239 kW	321 hp
ISO 14396:2002	325 hp (metri	c)
Gross Power @ 1,600 rpm –	242 kW	325 hp
SAE J1995:2014	329 hp (metri	c)
Net Power @ 1,600 rpm –	222 kW	298 hp
ISO 9249:2007, SAE J1349:2011	302 hp (metri	c)
Engine Torque @ 1,200 rpm –	1781 N·m	1,313 lbf-ft
ISO 14396:2002		
Gross Torque @ 1,200 rpm –	1799 N·m	1,327 lbf-ft
SAE J1995:2014		
Net Torque @ 1,200 rpm –	1662 N·m	1,226 lbf-ft
ISO 9249:2007, SAE J1349:2011		
Bore	115 mm	
Stroke	149 mm	
Displacement	9.3 L	

- Cat engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
- 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) and are compatible* with 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.

- * While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use
- ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.
- ***Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Bucket Capacities		
Bucket Range	2.8-11.9 m ³	$3.75-15.5 \text{ yd}^3$

Weight Operating Weight 23 196 kg 51,124 lb

Weight based on a machine configuration with Bridgestone 26.5R25
 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 4.2 m³ (5.5 yd³) general purpose bucket with BOCE.

Operating Specifications		
Static Tipping Load – Full Turn		
Maximum Articulation Angle		37°
(Full Turn)		
With Tire Deflection	14,849 kg	32,727 lb
No Tire Deflection	15,981 kg	35,224 lb
Breakout Force	174 kN	38,999 lbf

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

Transmission		
Forward 1	6.9 km/h	4.3 mph
Forward 2	13.0 km/h	8.0 mph
Forward 3	22.7 km/h	14.1 mph
Forward 4	39.5 km/h	24.5 mph
Reverse 1	6.9 km/h	4.3 mph
Reverse 2	13.0 km/h	8.0 mph
Reverse 3	28.8 km/h	17.9 mph
Reverse 4	N/A	N/A

 Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 849 mm (33 in) roll radius.

Hydraulic System		
Implement Pump Type	Variable Displacement Piston, load sensing	
Implement System:		
Maximum Pump Output (1,400 rpm)	348 L/min	92 gal/min
Maximum Operating Pressure	31 000 kPa	4,496 psi
Optional 3 rd Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 3 rd Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Optional 4 th Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 4 th Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Hydraulic Cycle Time with Rated Payloa	d:	
Raise from Carry Position	5.5 seconds	
Dump, at Maximum Raise	1.4 seconds	
Lower, Empty, Float Down	2.6 seconds	
Total	9.5 seconds	
Brakes		
Brakes	Brakes meet standards	ISO 3450:2011
Axles		
Front	Fixed	

Service Refill Capacities		
Fuel Tank	303 L	80.1 gal
DEF Tank	26 L	6.9 gal
Cooling System	66 L	17.4 gal
Crankcase	23 L	6.1 gal
Transmission	63 L	16.6 gal
Differentials and Final Drives – Front	57 L	15.1 gal
Differentials and Final Drives – Rear	57 L	15.1 gal
Hydraulic Tank	114 L	30.1 gal

Oscillating, ±13 degrees

Rear

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

standards

67 dB(A)
107 dB(A)
67 dB(A)
105 dB(A)

^{*}Including countries that adopt the EU and UK Directives

Air Conditioning System

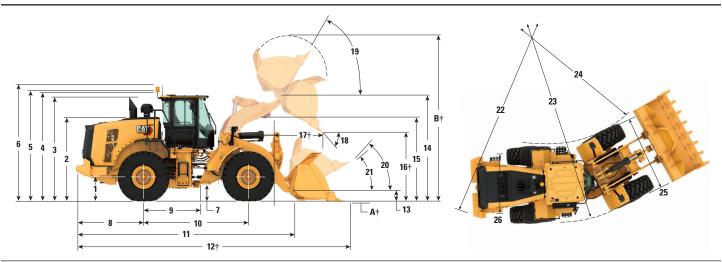
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

- If equipped with R134a (Global Warming Potential = 1430), the system contains 1.600 kg (3.5 lb) of refrigerant which has a $\rm CO_2$ equivalent of 2.288 metric tonnes (2.522 tons).
- If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 1.389 kg (3.1 lb) of refrigerant which has a CO_2 equivalent of 0.001 metric tonnes (0.001 tons).

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

Dimensions

All dimensions are approximate.



	Stan	Standard Lift		High Lift	
erline	809 mm	2'7"	809 mm	2'7"	
od	2850 mm	9'5"	2850 mm	9'5"	
naust Pipe	3531 mm	11'8"	3531 mm	11'8"	
PS	3593 mm	11'10"	3593 mm	11'10"	
duct Link TM Antenna	3607 mm	11'11"	3607 mm	11'11"	
rning Beacon	3871 mm	12'9"	3871 mm	12'9"	
	424 mm	1'4"	424 mm	1'4"	
Axle to Edge of Counterweight	2290 mm	7'7"	2458 mm	8'1"	
Axle to Hitch	1775 mm	5'10"	1775 mm	5'10"	
	3550 mm	11'8"	3550 mm	11'8"	
nout bucket)	7399 mm	24'4"	8069 mm	26'6"	
ith bucket level on ground)*†	8851 mm	29'1"	9521 mm	31'3"	
Carry Height	635 mm	2'0"	782 mm	2'6"	
Maximum Lift	4245 mm	13'11"	4804 mm	15'9"	
at Maximum Lift	3687 mm	12'1"	4183 mm	13'8"	
Maximum Lift and 45° Discharge*†	3001 mm	9'10"	3560 mm	11'8"	
Lift and 45° Discharge*†	1350 mm	4'5"	1326 mm	4'4"	
* * * * * * * * * * * * * * * * * * * *	49 (degrees	48 degrees		
num Lift*	62 0	degrees	71 deg	grees	
Height*	50 0	degrees	49 degrees		
d*	39 (39 degrees		rees	
a) to Counterweight	13 588 mm	44'7"	13 608 mm	44'8"	
a) to Outside of Tires	13 621 mm	44'9"	13 621 mm	44'9"	
a) to Inside of Tires	7598 mm	25'0"	7598 mm	25'0"	
nloaded)	2978 mm	9'10"	2978 mm	9'10"	
moaded)					
aded)	3012 mm	9'11"	3012 mm	9'11"	
	erline od haust Pipe DPS oduct Link TM Antenna arning Beacon Axle to Edge of Counterweight Axle to Hitch hout bucket) ith bucket level on ground)*† Carry Height Maximum Lift at Maximum Lift at Maximum Lift and 45° Discharge*† Lift and 45° Discharge*† cimum Lift and Dump (on stops)* num Lift* Height* dd* a) to Counterweight a) to Outside of Tires a) to Inside of Tires	erline 809 mm od 2850 mm haust Pipe 3531 mm PPS 3593 mm oduct Link™ Antenna 3607 mm urning Beacon 3871 mm Axle to Edge of Counterweight 2290 mm Axle to Hitch 1775 mm Axle to Hitch 1775 mm hout bucket) 7399 mm hout bucket level on ground)*† 8851 mm Carry Height 635 mm Maximum Lift 4245 mm at Maximum Lift 3687 mm Lift and 45° Discharge*† 3001 mm Lift and 45° Discharge*† 3001 mm Lift and Dump (on stops)* 49 cm mum Lift 426 mm at Maximum Lift 427 mm at Maximum Lift 3687 mm Aximum Lift and Dump (on stops)* 49 cm mum Lift and Dump (on stops)* 49 cm mum Lift and Dump (on stops)* 1358 mm a) to Counterweight 13 588 mm a) to Outside of Tires 13 621 mm a) to Inside of Tires 7598 mm	refline 809 mm 2'7" rod 2850 mm 9'5" haust Pipe 3531 mm 11'8" rDPS 3593 mm 11'10" rduct Link™ Antenna 3607 mm 11'11" rming Beacon 3871 mm 12'9" Axle to Edge of Counterweight 2290 mm 7'7" Axle to Hitch 1775 mm 5'10" Axle to Hitch 1775 mm 5'10" Axle to Hitch 1775 mm 24'4" ith bucket level on ground)*† 8851 mm 29'1" Carry Height 635 mm 2'0" Maximum Lift 4245 mm 13'11" at Maximum Lift 3687 mm 12'1" Maximum Lift 3687 mm 12'1" Maximum Lift and 45° Discharge*† 3001 mm 9'10" Lift and 5° Discharge*† 3001 mm 9'10" Lift and 45° Discharge*† 3001 mm 9'10" Lift and 5° Discharge*† 3001 mm 9'10" Lif	erline 809 mm 2'7" 809 mm od 2850 mm 9'5" 2850 mm haust Pipe 3531 mm 11'8" 3531 mm 11'8" 3531 mm pps 3593 mm 11'10" 3593 mm oduct Link™ Antenna 3607 mm 11'11" 3607 mm rring Beacon 3871 mm 12'9" 3550 mm 11'8" 3560 mm 11'8" 356	

[†]Dimensions are listed in Operating Specifications charts.

All height and tire related dimensions are with Bridgestone 26.5R25 VJT L3 radial tires (see Tire Option Chart for other tires). "Width over Tires" dimensions are over the bulge and include growth.

^{*}All dimensions are approximate and based on machine equipped with 4.2 m³ (5.5 yd³) general purpose bucket with BOCE (see Operating Specifications for other buckets).

Tire Options

Tire Brand	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE
Tire Size	26.5R25	26.5R25	26.5R25	26.5-25	26.5-25	775/65R29
Tread Type	L3	L4	L5	L3	L4	L3
Tread Pattern	VJT	VSNT	VSDL	VL2	RLS	VTS
Casing Strength	*	*	*	20PR	26PR	*
Width over Tires – Maximum (empty)*	2978 mm 9'10"	2960 mm 9'9"	2959 mm 9'9"	2937 mm 9'8"	2942 mm 9'8"	3046 mm 10'0"
Width over Tires – Maximum (loaded)*	3012 mm 9'11"	2991 mm 9'10"	2983 mm 9'10"	2948 mm 9'9"	2960 mm 9'9"	3070 mm 10'1"
Change in Vertical Dimensions (average of front and rear)		26 mm 1.0"	43 mm 1.7"	-4 mm -0.1"	38 mm 1.5"	22 mm 0.9"
Change in Horizontal Reach		-21 mm -0.8"	-26 mm -1"	0 mm 0"	-24 mm -0.9"	-4 mm -0.2"
Change in Clearance Circle to Outside of Tires		-21 mm -0.8"	-29 mm -1.1"	-63 mm -2.5"	-52 mm -2.0"	54 mm 2.1"
Change in Clearance Circle to Inside of Tires		21 mm 0.8"	29 mm 1.1"	63 mm 2.5"	52 mm 2.0"	-54 mm -2.1"
Change in Operating Weight (without Ballast)		460 kg 1,014 lb	972 kg 2,143 lb	-364 kg -803 lb	112 kg 247 lb	856 kg 1,887 lb
Change in Static Tipping Load – Straight		334 kg 735 lb	705 kg 1,554 lb	-264 kg -582 lb	81 kg 179 lb	620 kg 1,368 lb
Change in Static Tipping Load – Articulated		297 kg 654 lb	627 kg 1,382 lb	-235 kg -518 lb	72 kg 159 lb	552 kg 1,217 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±13 degrees	±13 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	502 mm 1'8"	502 mm 1'8"	310 mm 1'1"	502 mm 1'8"	502 mm 1'8"	310 mm 1'1"
Tire Brand	MICHELIN	MICHELIN	MICHELIN	MAXAM	MAXAM	MAXAM
Tire Size	26.5R25	26.5R25	775/65R29	26.5R25	26.5R25	775/65R29
Tread Type	L3	L5	L3	L3	L5	L3
Tread Pattern	XHA2	XLDD2	XHA2	MS302	MS503	MS302
Casing Strength	**	*	*	**	**	**
Width over Tires – Maximum (empty)*	2986 mm 9'10"	2970 mm 9'9"	3019 mm 9'11"	2972 mm 9'9"	2960 mm 9'9"	3038 mm 10'0"
Width over Tires – Maximum (loaded)*	3016 mm 9'11"	3005 mm 9'11"	3049 mm 10'1"	2947 mm 9'9"	2986 mm 9'10"	3063 mm 10'1"
Change in Vertical Dimensions (average of front and rear)	-11 mm -0.4"	50 mm 2.0"	15 mm 0.6"	14 mm 0.5"	59 mm 2.3"	49 mm 1.9"
Change in Horizontal Reach	3 mm 0.1"	-34 mm -1.3"	-2 mm -0.1"	-7 mm -0.3"	-31 mm -1.2"	-26 mm -1.0"
Change in Clearance Circle to Outside of Tires	5 mm 0.2"	-12 mm -0.5"	33 mm 1.3"	-65 mm -2.6"	-31 mm -1.2"	47 mm 1.8"
Change in Clearance Circle to Inside of Tires	-5 mm -0.2"	12 mm 0.5"	-33 mm -1.3"	65 mm 2.6"	31 mm 1.2"	-47 mm -1.8"
Change in Operating Weight (without Ballast)	-164 kg -362 lb	716 kg 1,579 lb	668 kg 1,472 lb	-16 kg -35 lb	856 kg 1,887 lb	848 kg 1,869 lb
Change in Static Tipping Load – Straight	-119 kg -262 lb	519 kg 1,145 lb	484 kg 1,067 lb	-12 kg -26 lb	621 kg 1,368 lb	615 kg 1,355 lb
Change in Static Tipping Load – Articulated	-106 kg -233 lb	462 kg 1,018 lb	431 kg 949 lb	-10 kg -23 lb	552 kg 1217 lb	547 kg 1205 lb
Rear Axle Oscillation Angle	±13 degrees	±8 degrees	±8 degrees	±13 degrees	±8 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	502 mm 1'8"	310 mm 1'1"	310 mm 1'1"	502 mm 1'8"	310 mm 1'1"	310 mm 1'1"

^{*}Width over tire bulge and includes tire growth.

Tire Options

Tire Brand	MAXAM MS405DX	TRIANGLE	TRIANGLE	GOODYEAR	GOODYEAR	GOODYEAR
Tire Size	775/65R29	26.5R25	26.5-25	26.5R25	26.5R25	26.5R25
Tread Type	L3	L3	L3	L3	L4	L5
Tread Pattern	MS405DX	TB516	TL612	RT3B	GP4D	RT5D
Casing Strength	**	**	20PR	**	**	**
Width over Tires – Maximum (empty)*	3044 mm	2969 mm	2948 mm	2979 mm	2985 mm	2982 mm
	10'0"	9'9"	9'9"	9'10"	9'10"	9'10"
Width over Tires – Maximum (loaded)*	3064 mm	2991 mm	2958 mm	2994 mm	3033 mm	3013 mm
	10'1"	9'10"	9'9"	9'10"	10'0"	9'11"
Change in Vertical Dimensions (average of front and rear)	23 mm	14 mm	17 mm	20 mm	5 mm	41 mm
	0.9"	0.5"	0.7"	0.8"	0.2"	1.6"
Change in Horizontal Reach	-7 mm	-6 mm	-2 mm	-2 mm	-5 mm	-26 mm
	-0.3"	-0.2"	-0.1"	-0.1"	-0.2"	-1.0"
Change in Clearance Circle to Outside of Tires	48 mm	-21 mm	-54 mm	-17 mm	22 mm	1 mm
	1.9"	-0.8"	-2.1"	-0.7"	0.8"	0"
Change in Clearance Circle to Inside of Tires	-48 mm	21 mm	54 mm	17 mm	-22 mm	-1 mm
	-1.9"	0.8"	2.1"	0.7"	-0.8"	0"
Change in Operating Weight (without Ballast)	560 kg	-64 kg	-372 kg	276 kg	272 kg	988 kg
	1235 lb	-141 lb	-820 lb	609 lb	600 lb	2,179 lb
Change in Static Tipping Load – Straight	406 kg	-46 kg	-270 kg	200 kg	197 kg	716 kg
	895 lb	-102 lb	-595 lb	441 lb	435 lb	1,579 lb
Change in Static Tipping Load – Articulated	361 kg	-41 kg	-240 kg	178 kg	175 kg	637 kg
	796 lb	-91 lb	-529 lb	393 lb	387 lb	1,405 lb
Rear Axle Oscillation Angle	N/A	±13 degrees	±13 degrees	±13 degrees	±13 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	310 mm	502 mm	502 mm	502 mm	502 mm	310 mm
	1'1"	1'8"	1'8"	1'8"	1'8"	1'1"

Tire Brand	GOODYEAR	GOODYEAR	BRAWLER HPS SOLIDFLEX SOFTRIDE SMOOTH	BRAWLER HPS SOLIDFLEX TRACTION SMOOTH
Tire Size	26.5R25	775/65R29	26.5R25	26.5-25
Tread Type	L5	L4	L5	N/A
Tread Pattern	RL5K	GP4D	Smooth	Traction
Casing Strength	**	**	N/A	N/A
Width over Tires – Maximum (empty)*	3046 mm	3072 mm	2959 mm	2230 mm
	10'0"	10'1"	9'9"	7'4"
Width over Tires – Maximum (loaded)*	3171 mm	3118 mm	2968 mm	2230 mm
	10'5"	10'3"	9'9"	7'4"
Change in Vertical Dimensions (average of front and rear)	56 mm	24 mm	48 mm	40 mm
	2.2"	1.0"	1.9"	1.6"
Change in Horizontal Reach	-26 mm	-9 mm	8 mm	9 mm
	-1.0"	-0.4"	0.3"	0.3"
Change in Clearance Circle to Outside of Tires	155 mm	102 mm	-48 mm	-786 mm
	6.1"	4.0"	-1.9"	-31.0"
Change in Clearance Circle to Inside of Tires	-155 mm	-102 mm	48 mm	786 mm
	-6.1"	-4.0"	1.9"	31.0"
Change in Operating Weight (without Ballast)	1060 kg	884 kg	4476 kg	4124 kg
	2,337 lb	1,948 lb	9,870 lb	10,787 lb
Change in Static Tipping Load – Straight	769 kg	641 kg	3245 kg	3547 kg
	1,695 lb	1,413 lb	7,155 lb	7,820 lb
Change in Static Tipping Load – Articulated	684 kg	570 kg	2887 kg	3155 kg
	1,508 lb	1,247 lb	6,366 lb	6,958 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	N/A	N/A
Maximum Single-wheel Rise and Fall	310 mm	310 mm	310 mm	310 mm
	1'1"	1'1"	1'1"	1'1"

^{*}Width over tire bulge and includes tire growth.

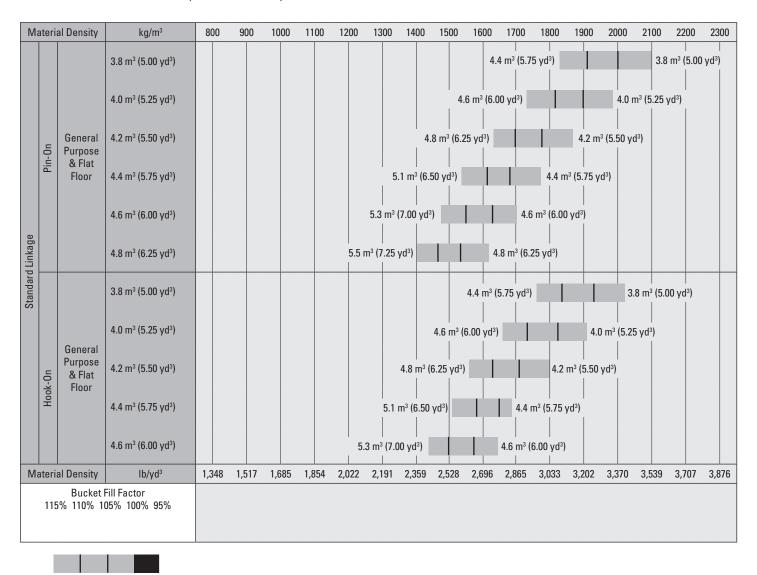
Bucket Fill Factors and Selection Guide

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.



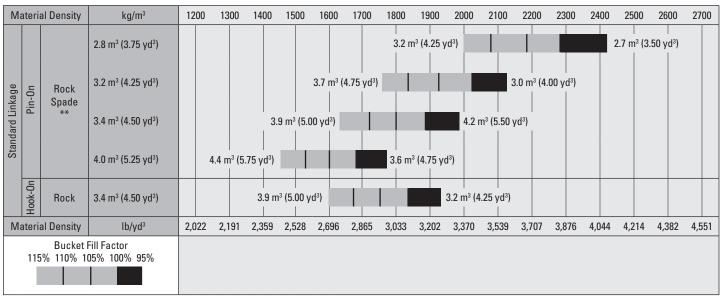
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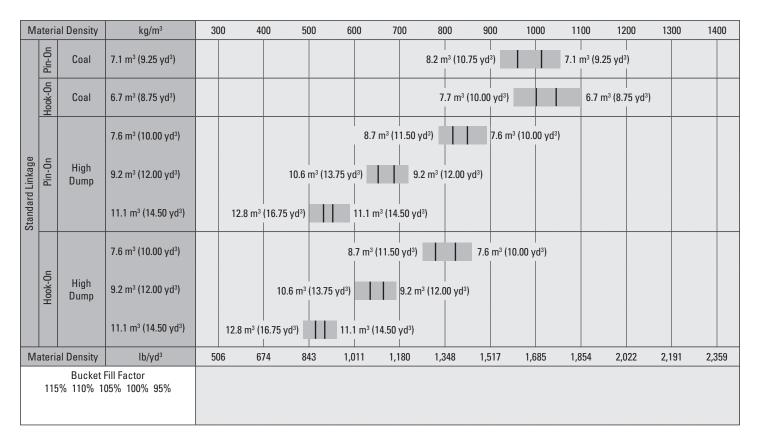
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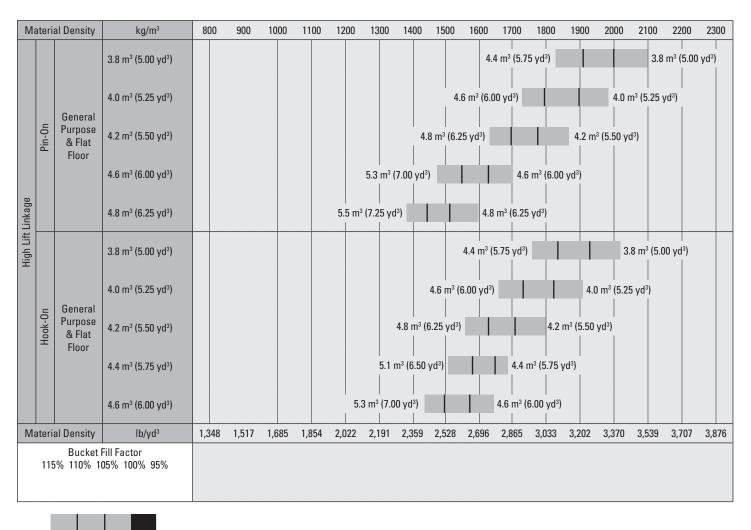
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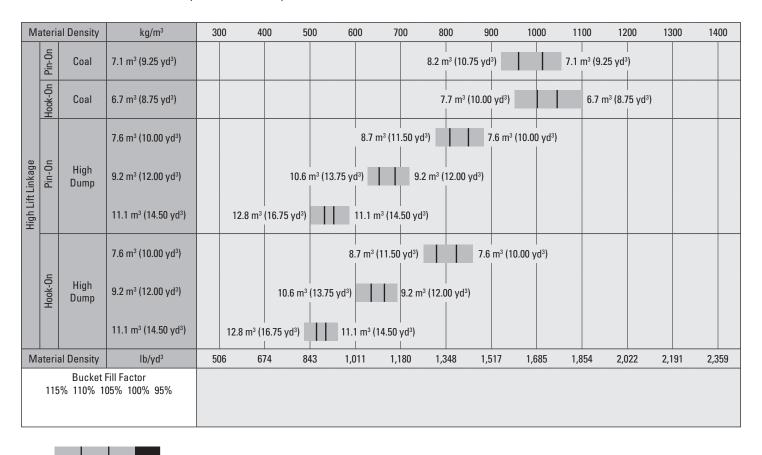
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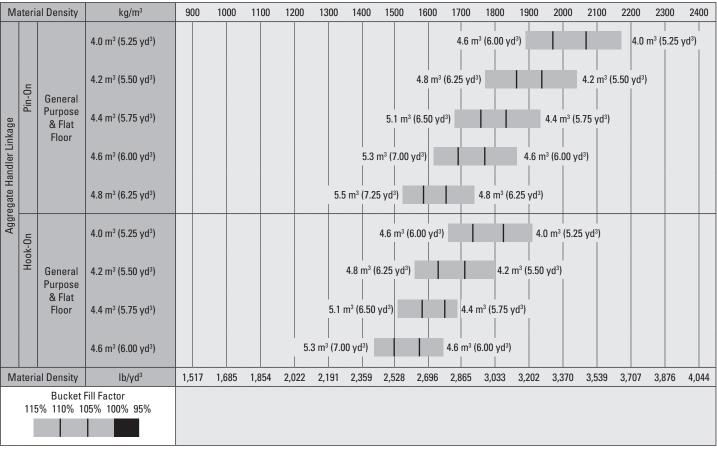
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^{*}As a % of ISO 7546:1983 rated capacity.

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



Operating Specifications – Buckets

Linkage			Standar	d Linkage			
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m ³	3.80	3.80	4.00	4.00		
	yd^3	5.00	5.00	5.25	5.25		
Capacity - Rated at 110% Fill Factor	m^3	4.20	4.20	4.40	4.40		
	yd^3	5.50	5.50	5.75	5.75		
Width	mm	3220	3301	3220	3301		
	ft/in	10'6"	10'9"	10'6"	10'9"		
16† Dump Clearance at Maximum Lift	mm	3077	2901	3068	2892		
and 45° Discharge	ft/in	10'1"	9'6"	10'0"	9'5"		
17† Reach at Maximum Lift and	mm	1289	1422	1296	1427		
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	2701	2916	2712	2926		
Bucket Level	ft/in	8'10"	9'6"	8'10"	9'7"		
A† Digging Depth	mm	114	114	114	114		
	in	4.5"	4.5"	4.5"	4.5"		
12† Overall Length	mm	8753	9007	8765	9017		
	ft/in	28'9"	29'7"	28'10"	29'7"		
B † Overall Height with Bucket at	mm	5787	5787	5898	5898		
Maximum Lift	ft/in	19'0"	19'0"	19'5"	19'5"		
Loader Clearance Circle Radius	mm	7488	7597	7491	7600		
with Bucket at Carry Position	ft/in	24'7"	25'0"	24'7"	25'0"		
Static Tipping Load, Straight	kg	17 116	16 821	17 098	16 861		
(With tire deflection)	lb	37,724	37,074	37,685	37,163		
Static Tipping Load, Straight	kg	18 240	17 927	18 232	17 992		
(No tire deflection)	lb	40,202	39,513	40,185	39,654		
Static Tipping Load,	kg	15 058	14 770	15 037	14 799		
Articulated (With tire deflection)	lb	33,189	32,554	33,142	32,619		
Static Tipping Load, Articulated	kg	16 189	15 884	16 177	15 936		
(No tire deflection)	lb	35,681	35,008	35,656	35,124		
Breakout Force(§)	kN	187	185	185	183		
	lbf	42,167	41,580	41,712	41,134		
Operating Weight*	kg	23 088	23 262	23 140	23 311		
	lb	50,886	51,269	51,001	51,377		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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 26.5R25 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 Pur	pose – Pin-On	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	4.20	4.20	4.60	4.60
	yd^3	5.50	5.50	6.00	6.00
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	5.10	5.10
	yd^3	6.00	6.00	6.75	6.75
Width	mm	3220	3301	3264	3301
	ft/in	10'6"	10'9"	10'8"	10'9"
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3001	2832	2987	2829
	ft/in	9'10"	9'3"	9'9"	9'3"
7† Reach at Maximum Lift and	mm	1350	1487	1361	1497
45° Discharge	ft/in	4'5"	4'10"	4'5"	4'10"
Reach at Level Lift Arm and	mm	2800	3015	2818	3024
Bucket Level	ft/in	9'2"	9'10"	9'2"	9'11"
A† Digging Depth	mm	114	114	114	114
	in	4.5"	4.5"	4.5"	4.5"
2† Overall Length	mm	8852	9096	8870	9101
· -	ft/in	29'1"	29'11"	29'2"	29'11"
B† Overall Height with Bucket at	mm	5898	5898	6021	6021
Maximum Lift	ft/in	19'5"	19'5"	19'10"	19'10"
Loader Clearance Circle Radius	mm	7512	7618	7537	7618
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'9"	25'0"
Static Tipping Load, Straight	kg	16 896	16 691	16 885	16 578
(With tire deflection)	lb	37,239	36,787	37,214	36,538
Static Tipping Load, Straight	kg	18 022	17 814	18 037	17 724
(No tire deflection)	lb	39,720	39,262	39,754	39,065
Static Tipping Load,	kg	14 849	14 643	14 827	14 520
Articulated (With tire deflection)	lb	32,727	32,275	32,679	32,003
Static Tipping Load, Articulated	kg	15 981	15 773	15 985	15 673
(No tire deflection)	lb	35,224	34,764	35,232	34,544
Breakout Force(§)	kN	173	171	170	167
	lbf	38,999	38,523	38,302	37,614
Operating Weight*	kg	23 196	23 341	23 279	23 451
, , ,	lb	51,124	51,443	51,307	51,686

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage			Standar	d Linkage	
Bucket Type		General Purpose -	- Hook-On – Fusion™		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m ³	3.80	3.80	4.00	4.00
	yd^3	5.00	5.00	5.25	5.25
Capacity - Rated at 110% Fill Factor	m^3	4.20	4.20	4.40	4.40
	yd^3	5.50	5.50	5.75	5.75
Width	mm	3220	3271	3201	3201
	ft/in	10'6"	10'8"	10'6"	10'6"
16† Dump Clearance at Maximum Lift	mm	3048	2896	3035	2880
and 45° Discharge	ft/in	10'0"	9'6"	9'11"	9'5"
17† Reach at Maximum Lift and	mm	1324	1463	1327	1468
45° Discharge	ft/in	4'4"	4'9"	4'4"	4'9"
Reach at Level Lift Arm and	mm	2745	2950	2757	2965
Bucket Level	ft/in	9'0"	9'8"	9'0"	9'8"
A† Digging Depth	mm	114	114	84	84
	in	4.5"	4.5"	3.3"	3.3"
12† Overall Length	mm	8798	9023	8813	9042
	ft/in	28'11"	29'8"	28'11"	29'8"
B † Overall Height with Bucket at	mm	5813	5813	5929	5929
Maximum Lift	ft/in	19'1"	19'1"	19'6"	19'6"
Loader Clearance Circle Radius	mm	7512	7601	7508	7575
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'8"	24'11"
Static Tipping Load, Straight	kg	16 536	16 354	16 488	16 272
(With tire deflection)	lb	36,446	36,045	36,339	35,865
Static Tipping Load, Straight	kg	17 637	17 453	17 601	17 383
(No tire deflection)	lb	38,872	38,466	38,793	38,313
Static Tipping Load,	kg	14 505	14 322	14 456	14 241
Articulated (With tire deflection)	lb	31,969	31,567	31,862	31,388
Static Tipping Load, Articulated	kg	15 613	15 429	15 576	15 359
(No tire deflection)	lb	34,411	34,005	34,331	33,851
Breakout Force(§)	kN	180	179	190	188
	lbf	40,648	40,284	42,726	42,275
Operating Weight*	kg	23 503	23 641	23 551	23 713
	lb	51,801	52,105	51,906	52,263

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage			Standaı	d Linkage		
Bucket Type	General Purpose – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m^3	4.20	4.20	4.60	4.60	
	yd^3	5.50	5.50	6.00	6.00	
Capacity – Rated at 110% Fill Factor	m^3	4.60	4.60	5.10	5.10	
	yd^3	6.00	6.00	6.75	6.75	
Width	mm	3220	3271	3220	3271	
	ft/in	10'6"	10'8"	10'6"	10'8"	
16† Dump Clearance at Maximum Lift	mm	2970	2816	2957	2803	
and 45° Discharge	ft/in	9'8"	9'2"	9'8"	9'2"	
17† Reach at Maximum Lift and	mm	1395	1533	1398	1535	
45° Discharge	ft/in	4'6"	5'0"	4'7"	5'0"	
Reach at Level Lift Arm and	mm	2855	3059	2865	3070	
Bucket Level	ft/in	9'4"	10'0"	9'4"	10'0"	
A† Digging Depth	mm	106	106	113	113	
	in	4.2"	4.2"	4.4"	4.4"	
12† Overall Length	mm	8900	9126	8916	9142	
	ft/in	29'3"	30'0"	29'4"	30'0"	
B † Overall Height with Bucket at	mm	5970	5970	6048	6048	
Maximum Lift	ft/in	19'8"	19'8"	19'11"	19'11"	
Loader Clearance Circle Radius	mm	7539	7629	7544	7634	
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'9"	25'1"	
Static Tipping Load, Straight	kg	16 266	16 083	16 391	16 205	
(With tire deflection)	lb	35,851	35,448	36,126	35,716	
Static Tipping Load, Straight	kg	17 366	17 180	17 532	17 344	
(No tire deflection)	lb	38,274	37,866	38,642	38,226	
Static Tipping Load,	kg	14 255	14 072	14 351	14 165	
Articulated (With tire deflection)	lb	31,419	31,015	31,630	31,219	
Static Tipping Load, Articulated	kg	15 362	15 177	15 499	15 310	
(No tire deflection)	lb	33,859	33,451	34,160	33,744	
Breakout Force(§)	kN	166	164	164	163	
	lbf	37,396	37,040	37,021	36,663	
Operating Weight*	kg	23 567	23 705	23 681	23 819	
	lb	51,940	52,244	52,192	52,496	

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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 26.5R25 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 Floo	or – Pin-On	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	4.20	4.20	4.40	4.40
	yd³	5.50	5.50	5.75	5.75
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	4.80	4.80
	yd^3	6.00	6.00	6.25	6.25
Width	mm	3220	3271	3220	3271
	ft/in	10'6"	10'8"	10'6"	10'8"
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	2959	2797	2931	2768
	ft/in	9'8"	9'2"	9'7"	9'1"
7† Reach at Maximum Lift and	mm	1242	1369	1271	1398
45° Discharge	ft/in	4'0"	4'5"	4'2"	4'7"
Reach at Level Lift Arm and	mm	2771	2975	2811	3015
Bucket Level	ft/in	9'1"	9'9"	9'2"	9'10"
A† Digging Depth	mm	114	114	114	114
	in	4.5"	4.5"	4.5"	4.5"
2† Overall Length	mm	8823	9048	8863	9088
	ft/in	29'0"	29'9"	29'1"	29'10"
B† Overall Height with Bucket at	mm	5911	5911	5941	5941
Maximum Lift	ft/in	19'5"	19'5"	19'6"	19'6"
Loader Clearance Circle Radius	mm	7504	7589	7514	7599
with Bucket at Carry Position	ft/in	24'8"	24'11"	24'8"	25'0"
Static Tipping Load, Straight	kg	16 818	16 635	16 738	16 554
(With tire deflection)	lb	37,067	36,664	36,891	36,486
Static Tipping Load, Straight	kg	17 924	17 739	17 850	17 663
(No tire deflection)	lb	39,504	39,096	39,341	38,931
Static Tipping Load,	kg	14 785	14 601	14 706	14 522
Articulated (With tire deflection)	lb	32,586	32,182	32,413	32,008
Static Tipping Load, Articulated	kg	15 898	15 713	15 825	15 639
(No tire deflection)	lb	35,039	34,631	34,880	34,469
Breakout Force(§)	kN	177	175	171	170
	lbf	39,850	39,488	38,633	38,273
Operating Weight*	kg	23 193	23 331	23 247	23 385
	lb	51,118	51,422	51,235	51,539

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage		Standar	d Linkage		
Bucket Type			Flat Floo	or – Pin-On	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m ³	4.60	4.60	4.80	4.80
	yd³	6.00	6.00	6.25	6.25
Capacity – Rated at 110% Fill Factor	m ³	5.10	5.10	5.30	5.30
	yd^3	6.75	6.75	7.00	7.00
Width	mm	3220	3271	3220	3271
	ft/in	10'6"	10'8"	10'6"	10'8"
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	2903	2740	2875	2712
	ft/in	9'6"	8'11"	9'5"	8'10"
17† Reach at Maximum Lift and	mm	1299	1426	1327	1454
45° Discharge	ft/in	4'3"	4'8"	4'4"	4'9"
Reach at Level Lift Arm and	mm	2851	3055	2891	3095
Bucket Level	ft/in	9'4"	10'0"	9'5"	10'1"
A† Digging Depth	mm	114	114	114	114
	in	4.5"	4.5"	4.5"	4.5"
12† Overall Length	mm	8903	9128	8943	9168
	ft/in	29'3"	30'0"	29'5"	30'1"
B † Overall Height with Bucket at	mm	5992	5992	6033	6033
Maximum Lift	ft/in	19'8"	19'8"	19'10"	19'10"
Loader Clearance Circle Radius	mm	7524	7610	7534	7620
with Bucket at Carry Position	ft/in	24'9"	25'0"	24'9"	25'0"
Static Tipping Load, Straight	kg	16 676	16 491	16 603	16 417
(With tire deflection)	lb	36,754	36,347	36,594	36,184
Static Tipping Load, Straight	kg	17 793	17 606	17 726	17 538
(No tire deflection)	lb	39,217	38,805	39,070	38,655
Static Tipping Load,	kg	14 646	14 461	14 575	14 389
Articulated (With tire deflection)	lb	32,280	31,873	32,124	31,714
Static Tipping Load, Articulated	kg	15 771	15 584	15 706	15 518
(No tire deflection)	lb	34,760	34,347	34,616	34,201
Breakout Force (§)	kN	166	165	162	160
	lbf	37,495	37,136	36,405	36,047
Operating Weight*	kg	23 282	23 419	23 328	23 466
	lb	51,312	51,616	51,413	51,717

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage			Standard	l Linkage	
Bucket Type			Flat Floor – Pin-On – Light Materia		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m ³	4.40	4.60	4.80	6.00
	yd³	5.75	6.00	6.25	7.75
Capacity – Rated at 110% Fill Factor	m ³	4.80	5.10	5.30	6.60
	yd^3	6.25	6.75	7.00	8.75
Width	mm	3220	3220	3230	3405
	ft/in	10'6"	10'6"	10'7"	11'2"
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	2932	2903	2875	2753
	ft/in	9'7"	9'6"	9'5"	9'0"
7† Reach at Maximum Lift and	mm	1269	1299	1320	1428
45° Discharge	ft/in	4'1"	4'3"	4'3"	4'8"
Reach at Level Lift Arm and	mm	2809	2851	2886	3048
Bucket Level	ft/in	9'2"	9'4"	9'5"	10'0"
A† Digging Depth	mm	114	114	119	89
	in	4.5"	4.5"	4.7"	3.5"
2† Overall Length	mm	8861	8903	8942	9112
	ft/in	29'1"	29'3"	29'5"	29'11"
B † Overall Height with Bucket at	mm	5943	5984	6033	6505
Maximum Lift	ft/in	19'6"	19'8"	19'10"	21'5"
Loader Clearance Circle Radius	mm	7513	7524	7539	7675
with Bucket at Carry Position	ft/in	24'8"	24'9"	24'9"	25'3"
Static Tipping Load, Straight	kg	16 620	16 569	16 465	15 994
(With tire deflection)	lb	36,631	36,519	36,290	35,251
Static Tipping Load, Straight	kg	17 732	17 673	17 587	17 134
(No tire deflection)	lb	39,082	38,952	38,761	37,763
Static Tipping Load,	kg	14 587	14 550	14 437	13 975
Articulated (With tire deflection)	lb	32,150	32,070	31,821	30,800
Static Tipping Load, Articulated	kg	15 707	15 662	15 566	15 122
(No tire deflection)	lb	34,618	34,520	34,308	33,329
Breakout Force(§)	kN	171	166	161	152
2.5	lbf	38,560	37,473	36,323	34,227
Operating Weight*	kg	23 375	23 299	23 437	23 762
Sportating moight	lb	51,518	51,351	51,655	52,371

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

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	4.20	4.20	4.40	4.40		
	yd³	5.50	5.50	5.75	5.75		
Capacity - Rated at 110% Fill Factor	m ³	4.60	4.60	4.80	4.80		
	yd^3	6.00	6.00	6.25	6.25		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	2909	2746	2882	2719		
	ft/in	9'6"	9'0"	9'5"	8'11"		
17† Reach at Maximum Lift and	mm	1293	1420	1320	1447		
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	2842	3047	2881	3085		
Bucket Level	ft/in	9'3"	9'11"	9'5"	10'1"		
A† Digging Depth	mm	114	114	114	114		
	in	4.5"	4.5"	4.5"	4.5"		
12† Overall Length	mm	8894	9119	8933	9158		
	ft/in	29'3"	30'0"	29'4"	30'1"		
B† Overall Height with Bucket at	mm	5953	5953	5983	5983		
Maximum Lift	ft/in	19'7"	19'7"	19'8"	19'8"		
Loader Clearance Circle Radius	mm	7538	7628	7549	7639		
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'10"	25'1"		
Static Tipping Load, Straight	kg	16 152	15 970	16 077	15 894		
(With tire deflection)	lb	35,600	35,198	35,434	35,031		
Static Tipping Load, Straight	kg	17 244	17 060	17 175	16 989		
(No tire deflection)	lb	38,007	37,600	37,854	37,445		
Static Tipping Load,	kg	14 148	13 966	14 074	13 891		
Articulated (With tire deflection)	lb	31,183	30,781	31,020	30,616		
Static Tipping Load, Articulated	kg	15 248	15 064	15 180	14 995		
(No tire deflection)	lb	33,608	33,201	33,457	33,048		
Breakout Force(§)	kN	167	166	162	161		
	lbf	37,690	37,331	36,614	36,256		
Operating Weight*	kg	23 653	23 790	23 707	23 845		
	lb	52,130	52,433	52,249	52,553		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	lard Linkage				
Bucket Type		Rock, Spa	de – Pin-On	Rock, Spade – Hook-On – Fusion	Iron Ore, Spade - Pin-On
Edge Type		Teeth and Segments	Teeth and Segments	Teeth and Segments	Bolt-On Cutting Edges
Capacity – Rated	m ³	3.40	4.00	3.40	3.20
	yd³	4.50	5.25	4.50	4.25
Capacity – Rated at 110% Fill Factor	m ³	3.70	4.40	3.70	3.50
	yd³	4.75	5.75	4.75	4.50
Width	mm	3286	3255	3286	3288
	ft/in	10'9"	10'8"	10'9"	10'9"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2990	2757	2970	3164
	ft/in	9'9"	9'0"	9'8"	10'4"
17† Reach at Maximum Lift and	mm	1538	1660	1577	1354
45° Discharge	ft/in	5'0"	5'5"	5'2"	4'5"
Reach at Level Lift Arm and	mm	2947	3211	2991	2696
Bucket Level	ft/in	9'8"	10'6"	9'9"	8'10"
A† Digging Depth	mm	83	83	75	78
	in	3.2"	3.2"	2.9"	3"
12† Overall Length	mm	9021	9269	9057	8744
	ft/in	29'8"	30'5"	29'9"	28'9"
B † Overall Height with Bucket at	mm	5827	5827	5633	5953
Maximum Lift	ft/in	19'2"	19'2"	18'6"	19'7"
Loader Clearance Circle Radius	mm	7597	7647	7624	7529
with Bucket at Carry Position	ft/in	25'0"	25'2"	25'1"	24'9"
Static Tipping Load, Straight	kg	17 612	17 090	17 257	17 357
(With tire deflection)	lb	38,817	37,666	38,036	38,256
Static Tipping Load, Straight	kg	18 789	18 250	18 441	18 539
(No tire deflection)	lb	41,412	40,224	40,645	40,861
Static Tipping Load,	kg	15 464	14 979	15 115	15 201
Articulated (With tire deflection)	lb	34,084	33,014	33,314	33,503
Static Tipping Load, Articulated	kg	16 650	16 148	16 306	16 391
(No tire deflection)	lb	36,696	35,591	35,940	36,125
Breakout Force (§)	kN	184	151	179	182
	lbf	41,538	34,117	40,256	41,055
Operating Weight*	kg	24 488	24 635	24 857	24 872
	lb	53,971	54,295	54,784	54,817

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage		Standard Linkage				
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m ³	3.60	3.60			
	yd³	4.75	4.75			
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00			
	yd^3	5.25	5.25			
Width	mm	3677	3677			
	ft/in	12'0"	12'0"			
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2899	2852			
	ft/in	9'6"	9'4"			
17† Reach at Maximum Lift and	mm	1294	1370			
45° Discharge	ft/in	4'2"	4'5"			
Reach at Level Lift Arm and	mm	2850	2937			
Bucket Level	ft/in	9'4"	9'7"			
A† Digging Depth	mm	120	100			
	in	4.7"	3.9"			
2† Overall Length	mm	8908	8977			
	ft/in	29'3"	29'6"			
B† Overall Height with Bucket at	mm	5786	5855			
Maximum Lift	ft/in	19'0"	19'3"			
Loader Clearance Circle Radius	mm	7722	7832			
with Bucket at Carry Position	ft/in	25'4"	25'9"			
Static Tipping Load, Straight	kg	15 656	13 905			
(With tire deflection)	lb	34,507	30,648			
Static Tipping Load, Straight	kg	16 713	14 780			
(No tire deflection)	lb	36,837	32,576			
Static Tipping Load,	kg	13 708	12 118			
Articulated (With tire deflection)	lb	30,212	26,708			
Static Tipping Load, Articulated	kg	14 775	13 006			
(No tire deflection)	lb	32,564	28,666			
Breakout Force (§)	kN	165	155			
	lbf	37,103	34,916			
Operating Weight*	kg	23 635	24 172			
	lb	52,091	53,274			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage		Standard Linkage								
Bucket Type			High Dump – Pin-On		High Dump — 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	Bolt-On Cutting Edges			
Capacity – Rated	m ³	7.60	9.20	11.10	7.60	9.20	11.10			
	yd^3	10.00	12.00	14.50	10.00	12.00	14.50			
Capacity – Rated at 110% Fill Factor	m ³	8.40	10.10	12.20	8.40	10.10	12.20			
	yd³	11.00	13.25	16.00	11.00	13.25	16.00			
Width	mm	3350	3656	3656	3350	3656	3656			
	ft/in	10'11"	11'11"	11'11"	10'11"	11'11"	11'11"			
16† Dump Clearance at Maximum Height and High	mm	4898	4843	4669	4916	4953	4686			
Dump Fully Rolled Out (43°)	ft/in	16'1"	15'9"	15'3"	16'1"	16'3"	15'4"			
17† Reach at Maximum Height and High Dump Fully	mm	1665	1723	1907	1676	1778	1916			
Rolled Out (43°)	ft/in	5'5"	5'7"	6'3"	5'5"	5'8"	6'3"			
Reach at Level Lift Arm and	mm	3525	3605	3825	3545	3625	3845			
Bucket Level	ft/in	11'6"	11'9"	12'6"	11'7"	11'10"	12'7"			
A† Digging Depth	mm	84	84	84	84	84	84			
	in	3.3"	3.3"	3.3"	3.3"	3.3"	3.3"			
12† Overall Length	mm	9577	9657	9877	9597	9677	9897			
	ft/in	31'6"	31'9"	32'5"	31'6"	31'9"	32'6"			
B † Overall Height at Maximum Height and High Dump	mm	7263	7323	7512	7281	7341	7529			
Fully Rolled Out (43°)	ft/in	23'8"	24'0"	24'6"	23'9"	24'1"	24'7"			
Loader Clearance Circle Radius	mm	7795	7956	8023	7802	7963	8032			
with Bucket at Carry Position	ft/in	25'7"	26'2"	26'4"	25'8"	26'2"	26'5"			
Static Tipping Load, Straight	kg	14 725	14 455	14 112	14 279	14 008	13 670			
(With tire deflection)	lb	32,454	31,859	31,103	31,471	30,874	30,128			
Static Tipping Load, Straight	kg	15 885	15 623	15 302	15 430	15 167	14 850			
(No tire deflection)	lb	35,010	34,433	33,725	34,009	33,428	32,729			
Static Tipping Load,	kg	12 780	12 513	12 180	12 341	12 074	11 746			
Articulated (With tire deflection)	lb	28,167	27,579	26,846	27,201	26,612	25,889			
Static Tipping Load, Articulated	kg	13 947	13 688	13 377	13 501	13 240	12 933			
(No tire deflection)	lb	30,740	30,170	29,485	29,756	29,182	28,505			
Breakout Force(§)	kN	111	106	94	110	104	92			
	lbf	25,125	23,825	21,126	24,821	23,539	20,884			
Operating Weight*	kg	24 300	24 516	24 723	24 779	24 995	25 202			
	lb	53,557	54,033	54,489	54,612	55,089	55,545			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	High Lift Linkage						
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m^3	3.80	3.80	4.00	4.00		
	yd³	5.00	5.00	5.25	5.25		
Capacity – Rated at 110% Fill Factor	m ³	4.20	4.20	4.40	4.40		
	yd^3	5.50	5.50	5.75	5.75		
Width	mm	3220	3301	3220	3301		
	ft/in	10'6"	10'9"	10'6"	10'9"		
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	3635	3459	3626	3450		
	ft/in	11'11"	11'4"	11'10"	11'3"		
17† Reach at Maximum Lift and	mm	1265	1397	1272	1403		
45° Discharge	ft/in	4'1"	4'7"	4'2"	4'7"		
Reach at Level Lift Arm and	mm	3105	3320	3117	3330		
Bucket Level	ft/in	10'2"	10'10"	10'2"	10'11"		
A† Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
12† Overall Length	mm	9422	9669	9434	9679		
	ft/in	30'11"	31'9"	31'0"	31'10"		
B † Overall Height with Bucket at	mm	6345	6345	6456	6456		
Maximum Lift	ft/in	20'10"	20'10"	21'3"	21'3"		
Loader Clearance Circle Radius	mm	7717	7837	7721	7840		
with Bucket at Carry Position	ft/in	25'4"	25'9"	25'4"	25'9"		
Static Tipping Load, Straight	kg	17 143	16 859	17 126	16 899		
(With tire deflection)	lb	37,784	37,159	37,747	37,247		
Static Tipping Load, Straight	kg	18 183	17 883	18 175	17 944		
(No tire deflection)	lb	40,077	39,415	40,059	39,550		
Static Tipping Load,	kg	14 919	14 643	14 898	14 671		
Articulated (With tire deflection)	lb	32,883	32,273	32,837	32,335		
Static Tipping Load, Articulated	kg	15 984	15 691	15 971	15 740		
(No tire deflection)	lb	35,229	34,584	35,202	34,692		
Breakout Force (§)	kN	172	168	170	166		
	lbf	38,838	37,910	38,411	37,495		
Operating Weight*	kg	24 741	24 915	24 793	24 964		
	lb	54,528	54,911	54,643	55,019		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	High Lift Linkage						
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m^3	4.20	4.20	4.60	4.60		
	yd³	5.50	5.50	6.00	6.00		
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	5.10	5.10		
	yd^3	6.00	6.00	6.75	6.75		
Width	mm	3220	3301	3264	3300		
	ft/in	10'6"	10'9"	10'8"	10'9"		
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3559	3390	3545	3387		
	ft/in	11'8"	11'1"	11'7"	11'1"		
17† Reach at Maximum Lift and	mm	1325	1462	1337	1472		
45° Discharge	ft/in	4'4"	4'9"	4'4"	4'9"		
Reach at Level Lift Arm and	mm	3204	3419	3222	3428		
Bucket Level	ft/in	10'6"	11'2"	10'6"	11'2"		
A† Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
12† Overall Length	mm	9521	9760	9539	9766		
	ft/in	31'3"	32'1"	31'4"	32'1"		
B† Overall Height with Bucket at	mm	6456	6456	6579	6579		
Maximum Lift	ft/in	21'3"	21'3"	21'8"	21'8"		
Loader Clearance Circle Radius	mm	7747	7862	7772	7863		
with Bucket at Carry Position	ft/in	25'5"	25'10"	25'6"	25'10"		
Static Tipping Load, Straight	kg	16 953	16 757	16 947	16 663		
(With tire deflection)	lb	37,364	36,933	37,352	36,726		
Static Tipping Load, Straight	kg	17 998	17 799	18 017	17 729		
(No tire deflection)	lb	39,668	39,230	39,711	39,075		
Static Tipping Load,	kg	14 737	14 541	14 719	14 435		
Articulated (With tire deflection)	lb	32,480	32,048	32,442	31,816		
Static Tipping Load, Articulated	kg	15 807	15 607	15 813	15 525		
(No tire deflection)	lb	34,838	34,400	34,852	34,217		
Breakout Force(§)	kN	159	156	156	152		
	lbf	35,899	35,188	35,240	34,357		
Operating Weight*	kg	24 849	24 994	24 932	25 104		
	lb	54,766	55,085	54,949	55,328		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	High Lift Linkage					
Bucket Type		General Purpose – Hook-On – Fusion				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m ³	3.80	3.80	4.00	4.00	
	yd³	5.00	5.00	5.25	5.25	
Capacity – Rated at 110% Fill Factor	m ³	4.20	4.20	4.40	4.40	
	yd^3	5.50	5.50	5.75	5.75	
Width	mm	3220	3271	3201	3201	
	ft/in	10'6"	10'8"	10'6"	10'6"	
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	3606	3454	3594	3439	
	ft/in	11'10"	11'4"	11'9"	11'3"	
17† Reach at Maximum Lift and	mm	1299	1439	1302	1444	
45° Discharge	ft/in	4'3"	4'8"	4'3"	4'8"	
Reach at Level Lift Arm and	mm	3149	3354	3161	3369	
Bucket Level	ft/in	10'4"	11'0"	10'4"	11'0"	
A† Digging Depth	mm	89	89	59	59	
	in	3.5"	3.5"	2.3"	2.3"	
12† Overall Length	mm	9467	9688	9481	9706	
	ft/in	31'1"	31'10"	31'2"	31'11"	
B † Overall Height with Bucket at	mm	6371	6371	6488	6488	
Maximum Lift	ft/in	20'11"	20'11"	21'4"	21'4"	
Loader Clearance Circle Radius	mm	7746	7845	7743	7820	
with Bucket at Carry Position	ft/in	25'5"	25'9"	25'5"	25'8"	
Static Tipping Load, Straight	kg	16 588	16 413	16 552	16 346	
(With tire deflection)	lb	36,561	36,176	36,481	36,026	
Static Tipping Load, Straight	kg	17 609	17 432	17 586	17 377	
(No tire deflection)	lb	38,812	38,422	38,761	38,300	
Static Tipping Load,	kg	14 388	14 213	14 350	14 143	
Articulated (With tire deflection)	lb	31,712	31,326	31,628	31,173	
Static Tipping Load, Articulated	kg	15 434	15 257	15 409	15 200	
(No tire deflection)	lb	34,017	33,627	33,962	33,500	
Breakout Force (§)	kN	166	164	174	171	
	lbf	37,426	36,887	39,256	38,619	
Operating Weight*	kg	25 156	25 294	25 203	25 365	
	lb	55,443	55,746	55,548	55,905	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	High Lift Linkage					
Bucket Type		General Purpose – Hook-On – Fusion				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m^3	4.20	4.20	4.60	4.60	
	yd³	5.50	5.50	6.00	6.00	
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	5.10	5.10	
	yd^3	6.00	6.00	6.75	6.75	
Width	mm	3220	3271	3220	3271	
	ft/in	10'6"	10'8"	10'6"	10'8"	
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	3528	3374	3515	3361	
	ft/in	11'6"	11'0"	11'6"	11'0"	
17† Reach at Maximum Lift and	mm	1371	1508	1373	1511	
45° Discharge	ft/in	4'5"	4'11"	4'6"	4'11"	
Reach at Level Lift Arm and	mm	3259	3464	3269	3474	
Bucket Level	ft/in	10'8"	11'4"	10'8"	11'4"	
A† Digging Depth	mm	81	81	88	88	
	in	3.2"	3.2"	3.4"	3.4"	
12† Overall Length	mm	9571	9792	9586	9807	
	ft/in	31'5"	32'2"	31'6"	32'3"	
B † Overall Height with Bucket at	mm	6528	6528	6606	6606	
Maximum Lift	ft/in	21'5"	21'5"	21'9"	21'9"	
Loader Clearance Circle Radius	mm	7778	7877	7784	7883	
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'7"	25'11"	
Static Tipping Load, Straight	kg	16 368	16 192	16 472	16 294	
(With tire deflection)	lb	36,075	35,689	36,306	35,913	
Static Tipping Load, Straight	kg	17 395	17 217	17 535	17 354	
(No tire deflection)	lb	38,339	37,947	38,647	38,249	
Static Tipping Load,	kg	14 184	14 008	14 260	14 081	
Articulated (With tire deflection)	lb	31,261	30,874	31,429	31,036	
Static Tipping Load, Articulated	kg	15 235	15 057	15 346	15 165	
(No tire deflection)	lb	33,579	33,187	33,822	33,424	
Breakout Force (§)	kN	153	151	151	149	
	lbf	34,463	33,942	34,066	33,546	
Operating Weight*	kg	25 219	25 357	25 333	25 471	
-	lb	55,582	55,886	55,834	56,138	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	High Lift Linkage						
Bucket Type		Flat Floor – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m^3	4.20	4.20	4.40	4.40		
	yd³	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	4.80	4.80		
	yd^3	6.00	6.00	6.25	6.25		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	3518	3355	3489	3327		
	ft/in	11'6"	11'0"	11'5"	10'10"		
17† Reach at Maximum Lift and	mm	1218	1345	1246	1373		
45° Discharge	ft/in	3'11"	4'4"	4'1"	4'6"		
Reach at Level Lift Arm and	mm	3175	3380	3215	3420		
Bucket Level	ft/in	10'5"	11'1"	10'6"	11'2"		
A† Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
12† Overall Length	mm	9492	9714	9532	9754		
	ft/in	31'2"	31'11"	31'4"	32'0"		
B † Overall Height with Bucket at	mm	6469	6469	6500	6500		
Maximum Lift	ft/in	21'3"	21'3"	21'4"	21'4"		
Loader Clearance Circle Radius	mm	7737	7831	7749	7843		
with Bucket at Carry Position	ft/in	25'5"	25'9"	25'6"	25'9"		
Static Tipping Load, Straight	kg	16 878	16 703	16 810	16 634		
(With tire deflection)	lb	37,200	36,813	37,050	36,662		
Static Tipping Load, Straight	kg	17 906	17 728	17 845	17 666		
(No tire deflection)	lb	39,465	39,074	39,331	38,937		
Static Tipping Load,	kg	14 676	14 500	14 609	14 432		
Articulated (With tire deflection)	lb	32,346	31,959	32,198	31,809		
Static Tipping Load, Articulated	kg	15 729	15 551	15 668	15 489		
(No tire deflection)	lb	34,666	34,275	34,533	34,139		
Breakout Force (§)	kN	163	160	158	155		
	lbf	36,686	36,151	35,557	35,028		
Operating Weight*	kg	24 846	24 984	24 899	25 037		
	lb	54,760	55,064	54,877	55,181		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	High Lift Linkage						
Bucket Type		Flat Floor – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m^3	4.60	4.60	4.80	4.80		
	yd³	6.00	6.00	6.25	6.25		
Capacity – Rated at 110% Fill Factor	m ³	5.10	5.10	5.30	5.30		
	yd^3	6.75	6.75	7.00	7.00		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3461	3298	3433	3270		
	ft/in	11'4"	10'9"	11'3"	10'8"		
17† Reach at Maximum Lift and	mm	1274	1401	1303	1430		
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	3255	3460	3295	3500		
Bucket Level	ft/in	10'8"	11'4"	10'9"	11'5"		
A† Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
2† Overall Length	mm	9572	9794	9612	9834		
	ft/in	31'5"	32'2"	31'7"	32'4"		
B† Overall Height with Bucket at	mm	6550	6550	6591	6591		
Maximum Lift	ft/in	21'6"	21'6"	21'8"	21'8"		
Loader Clearance Circle Radius	mm	7761	7856	7773	7868		
with Bucket at Carry Position	ft/in	25'6"	25'10"	25'6"	25'10"		
Static Tipping Load, Straight	kg	16 760	16 583	16 699	16 521		
(With tire deflection)	lb	36,940	36,550	36,806	36,414		
Static Tipping Load, Straight	kg	17 802	17 623	17 748	17 568		
(No tire deflection)	lb	39,236	38,841	39,118	38,720		
Static Tipping Load,	kg	14 559	14 382	14 499	14 321		
Articulated (With tire deflection)	lb	32,089	31,698	31,956	31,564		
Static Tipping Load, Articulated	kg	15 626	15 446	15 572	15 392		
(No tire deflection)	lb	34,439	34,044	34,322	33,924		
Breakout Force(§)	kN	153	151	149	146		
	lbf	34,502	33,979	33,489	32,973		
Operating Weight*	kg	24 934	25 072	24 980	25 118		
	lb	54,954	55,258	55,055	55,359		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage		High Lift Linkage					
Bucket Type			Flat Floor – Pin-On – Light Materia				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges		
Capacity – Rated	m ³	4.40	4.60	4.80	6.00		
	yd^3	5.75	6.00	6.25	7.75		
Capacity - Rated at 110% Fill Factor	m^3	4.80	5.10	5.30	6.60		
	yd^3	6.25	6.75	7.00	8.75		
Width	mm	3220	3220	3230	3405		
	ft/in	10'6"	10'6"	10'7"	11'2"		
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3491	3461	3433	3311		
	ft/in	11'5"	11'4"	11'3"	10'10"		
7† Reach at Maximum Lift and	mm	1245	1274	1296	1403		
45° Discharge	ft/in	4'1"	4'2"	4'3"	4'7"		
Reach at Level Lift Arm and	mm	3213	3255	3290	3452		
Bucket Level	ft/in	10'6"	10'8"	10'9"	11'3"		
A† Digging Depth	mm	89	89	94	64		
	in	3.5"	3.5"	3.7"	2.5"		
2 † Overall Length	mm	9530	9572	9610	9779		
	ft/in	31'4"	31'5"	31'7"	32'1"		
B† Overall Height with Bucket at	mm	6501	6550	6591	7063		
Maximum Lift	ft/in	21'4"	21'6"	21'8"	23'3"		
Loader Clearance Circle Radius	mm	7748	7761	7778	7919		
with Bucket at Carry Position	ft/in	25'6"	25'6"	25'7"	26'0"		
Static Tipping Load, Straight	kg	16 691	16 612	16 566	16 147		
(With tire deflection)	lb	36,787	36,613	36,512	35,590		
Static Tipping Load, Straight	kg	17 725	17 652	17 612	17 217		
(No tire deflection)	lb	39,066	38,905	38,818	37,948		
Static Tipping Load,	kg	14 488	14 411	14 366	13 951		
Articulated (With tire deflection)	lb	31,931	31,762	31,662	30,748		
Static Tipping Load, Articulated	kg	15 547	15 475	15 437	15 045		
(No tire deflection)	lb	34,266	34,108	34,023	33,159		
Breakout Force(§)	kN	157	152	148	139		
	lbf	35,479	34,361	33,366	31,322		
Operating Weight*	kg	25 028	25 080	25 090	25 415		
	lb	55,160	55,275	55,297	56,013		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

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	4.20	4.20	4.40	4.40		
	yd³	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	4.80	4.80		
	yd^3	6.00	6.00	6.25	6.25		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	3467	3304	3440	3277		
	ft/in	11'4"	10'10"	11'3"	10'9"		
17† Reach at Maximum Lift and	mm	1268	1395	1296	1423		
45° Discharge	ft/in	4'1"	4'6"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	3246	3451	3285	3490		
Bucket Level	ft/in	10'7"	11'3"	10'9"	11'5"		
A† Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
12† Overall Length	mm	9563	9785	9602	9824		
	ft/in	31'5"	32'2"	31'7"	32'3"		
B † Overall Height with Bucket at	mm	6511	6511	6541	6541		
Maximum Lift	ft/in	21'5"	21'5"	21'6"	21'6"		
Loader Clearance Circle Radius	mm	7777	7876	7789	7889		
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'7"	25'11"		
Static Tipping Load, Straight	kg	16 256	16 081	16 191	16 016		
(With tire deflection)	lb	35,829	35,443	35,687	35,299		
Static Tipping Load, Straight	kg	17 276	17 099	17 218	17 040		
(No tire deflection)	lb	38,078	37,687	37,950	37,557		
Static Tipping Load,	kg	14 079	13 904	14 014	13 838		
Articulated (With tire deflection)	lb	31,030	30,644	30,888	30,500		
Static Tipping Load, Articulated	kg	15 124	14 947	15 066	14 888		
(No tire deflection)	lb	33,334	32,943	33,206	32,813		
Breakout Force (§)	kN	154	152	149	147		
	lbf	34,679	34,155	33,680	33,162		
Operating Weight*	kg	25 305	25 443	25 359	25 497		
	lb	55,771	56,075	55,891	56,195		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage		High Lift Linkage					
Bucket Type		Rock, Spa	de – Pin-On	Rock, Spade – Hook-On – Fusion	Iron Ore, Spade Pin-On		
Edge Type		Teeth and Segments	Teeth and Segments	Teeth and Segments	Bolt-On Cutting Edges		
Capacity – Rated	m ³	3.40	4.00	3.40	3.20		
	yd³	4.50	5.25	4.50	4.25		
Capacity – Rated at 110% Fill Factor	m ³	3.70	4.40	3.70	3.50		
	yd³	4.75	5.75	4.75	4.50		
Width	mm	3252	3255	3286	3288		
	ft/in	10'8"	10'8"	10'9"	10'9"		
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	3565	3316	3529	3722		
	ft/in	11'8"	10'10"	11'6"	12'2"		
17† Reach at Maximum Lift and	mm	1522	1636	1553	1329		
45° Discharge	ft/in	4'11"	5'4"	5'1"	4'4"		
Reach at Level Lift Arm and	mm	3348	3615	3395	3100		
Bucket Level	ft/in	10'11"	11'10"	11'1"	10'2"		
A† Digging Depth	mm	62	58	50	53		
	in	2.4"	2.3"	1.9"	2.1"		
12† Overall Length	mm	9674	9942	9729	9419		
	ft/in	31'9"	32'8"	31'11"	30'11"		
B † Overall Height with Bucket at	mm	6385	6385	6191	6511		
Maximum Lift	ft/in	21'0"	21'0"	20'4"	21'5"		
Loader Clearance Circle Radius	mm	7816	7902	7872	7760		
with Bucket at Carry Position	ft/in	25'8"	26'0"	25'10"	25'6"		
Static Tipping Load, Straight	kg	17 472	17 068	17 165	17 233		
(With tire deflection)	lb	38,509	37,618	37,831	37,981		
Static Tipping Load, Straight	kg	18 541	18 138	18 245	18 307		
(No tire deflection)	lb	40,865	39,976	40,212	40,348		
Static Tipping Load,	kg	15 183	14 799	14 868	14 926		
Articulated (With tire deflection)	lb	33,465	32,619	32,771	32,897		
Static Tipping Load, Articulated	kg	16 279	15 896	15 976	16 027		
(No tire deflection)	lb	35,880	35,036	35,211	35,323		
Breakout Force (§)	kN	171	140	165	169		
	lbf	38,561	31,506	37,141	38,047		
Operating Weight*	kg	26 122	26 287	26 509	26 524		
	lb	57,573	57,937	58,426	58,459		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage		High Lift Linkage				
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m ³	3.60	3.60			
	yd³	4.75	4.75			
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00			
	yd^3	5.25	5.25			
Width	mm	3677	3677			
	ft/in	12'0"	12'0"			
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3457	3410			
	ft/in	11'4"	11'2"			
7† Reach at Maximum Lift and	mm	1270	1345			
45° Discharge	ft/in	4'2"	4'4"			
Reach at Level Lift Arm and	mm	3255	3341			
Bucket Level	ft/in	10'8"	10'11"			
A† Digging Depth	mm	95	75			
	in	3.7"	2.9"			
2† Overall Length	mm	9576	9649			
	ft/in	31'5"	31'8"			
B† Overall Height with Bucket at	mm	6344	6413			
Maximum Lift	ft/in	20'10"	21'1"			
Loader Clearance Circle Radius	mm	7268	8075			
with Bucket at Carry Position	ft/in	23'11"	26'6"			
Static Tipping Load, Straight	kg	15 851	14 208			
(With tire deflection)	lb	34,937	31,315			
Static Tipping Load, Straight	kg	16 854	15 056			
(No tire deflection)	lb	37,146	33,184			
Static Tipping Load,	kg	13 723	12 235			
Articulated (With tire deflection)	lb	30,246	26,966			
Static Tipping Load, Articulated	kg	14 751	13 109			
(No tire deflection)	lb	32,511	28,894			
Breakout Force(§)	kN	151	161			
	lbf	34,069	36,329			
Operating Weight*	kg	25 287	25 824			
	lb	55,733	56,916			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	High Lift Linkage						
Bucket Type		High Dump – Pin-On			High Dump – 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	Bolt-On Cutting Edges
Capacity – Rated	m ³	7.60	9.20	11.10	7.60	9.20	11.10
	yd^3	10.00	12.00	14.50	10.00	12.00	14.50
Capacity – Rated at 110% Fill Factor	m ³	8.40	10.10	12.20	8.40	10.10	12.20
	yd^3	11.00	13.25	16.00	11.00	13.25	16.00
Width	mm	3350	3656	3656	3350	3656	3656
	ft/in	10'11"	11'11"	11'11"	10'11"	11'11"	11'11"
16† Dump Clearance at Maximum Height and High	mm	5662	5618	5478	5682	5736	5496
Dump Fully Rolled Out (34°)	ft/in	18'6"	18'4"	17'10"	18'6"	18'8"	18'0"
17† Reach at Maximum Height and High Dump Fully	mm	1511	1577	1789	1519	1613	1795
Rolled Out (34°)	ft/in	4'10"	5'2"	5'9"	4'10"	5'3"	5'9"
Reach at Level Lift Arm and	mm	3929	4009	4229	3949	4029	4249
Bucket Level	ft/in	12'10"	13'1"	13'10"	12'11"	13'2"	13'11"
A† Digging Depth	mm	59	59	59	59	59	59
	in	2.3"	2.3"	2.3"	2.3"	2.3"	2.3"
2† Overall Length	mm	10 246	10 326	10 546	10 266	10 346	10 566
	ft/in	33'8"	33'11"	34'8"	33'9"	34'0"	34'8"
B † Overall Height at Maximum Height and High Dump	mm	7948	8008	8197	7967	8027	8216
Fully Rolled Out (34°)	ft/in	26'1"	26'3"	26'9"	26'1"	26'3"	26'10"
Loader Clearance Circle Radius	mm	8062	8223	8300	8071	8232	8310
with Bucket at Carry Position	ft/in	26'6"	27'0"	27'3"	26'6"	27'1"	27'4"
Static Tipping Load, Straight	kg	15 081	14 833	14 546	14 628	14 379	14 095
(With tire deflection)	lb	33,239	32,693	32,061	32,240	31,691	31,067
Static Tipping Load, Straight	kg	16 200	15 961	15 704	15 735	15 495	15 239
(No tire deflection)	lb	35,705	35,180	34,612	34,681	34,151	33,588
Static Tipping Load,	kg	12 939	12 692	12 410	12 492	12 245	11 966
Articulated (With tire deflection)	lb	28,518	27,974	27,352	27,534	26,988	26,373
Static Tipping Load, Articulated	kg	14 080	13 843	13 589	13 623	13 383	13 131
(No tire deflection)	lb	31,034	30,510	29,950	30,025	29,497	28,941
Breakout Force (§)	kN	102	96	85	100	95	84
	lbf	22,962	21,744	19,238	22,679	21,477	19,012
Operating Weight*	kg	25 953	26 169	26 376	26 431	26 647	26 854
	lb	57,199	57,675	58,131	58,254	58,730	59,187

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 26.5R25 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.

Operating Specifications – Buckets (continued)

Linkage	Aggregate Handler Linkage					
Bucket Type	General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m^3	3.80	3.80	4.00	4.00	
	yd³	5.00	5.00	5.25	5.25	
Capacity – Rated at 110% Fill Factor	m ³	4.20	4.20	4.40	4.40	
	yd^3	5.50	5.50	5.75	5.75	
Width	mm	3220	3301	3220	3301	
	ft/in	10'6"	10'9"	10'6"	10'9"	
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3077	2901	3068	2892	
	ft/in	10'1"	9'6"	10'0"	9'5"	
7† Reach at Maximum Lift and	mm	1289	1422	1296	1427	
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"	
Reach at Level Lift Arm and	mm	2701	2916	2712	2926	
Bucket Level	ft/in	8'10"	9'6"	8'10"	9'7"	
A† Digging Depth	mm	114	114	114	114	
	in	4.5"	4.5"	4.5"	4.5"	
2† Overall Length	mm	8919	9173	8931	9184	
	ft/in	29'4"	30'2"	29'4"	30'2"	
B† Overall Height with Bucket at	mm	5787	5787	5898	5898	
Maximum Lift	ft/in	19'0"	19'0"	19'5"	19'5"	
Loader Clearance Circle Radius	mm	7488	7597	7491	7600	
with Bucket at Carry Position	ft/in	24'7"	25'0"	24'7"	25'0"	
Static Tipping Load, Straight	kg	18 678	18 379	18 662	18 426	
(With tire deflection)	lb	41,167	40,509	41,133	40,612	
Static Tipping Load, Straight	kg	19 935	19 616	19 930	19 690	
(No tire deflection)	lb	43,938	43,235	43,927	43,398	
Static Tipping Load,	kg	16 378	16 086	16 358	16 121	
Articulated (With tire deflection)	lb	36,097	35,455	36,054	35,531	
Static Tipping Load, Articulated	kg	17 647	17 337	17 638	17 397	
(No tire deflection)	lb	38,895	38,210	38,875	38,344	
Breakout Force(§)	kN	187	185	185	183	
	lbf	42,167	41,580	41,712	41,134	
Operating Weight*	kg	23 739	23 913	23 791	23 962	
	lb	52,321	52,704	52,435	52,812	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage	Aggregate Handler Linkage					
Bucket Type	General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m^3	4.20	4.20	4.60	4.60	
	yd³	5.50	5.50	6.00	6.00	
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	5.10	5.10	
	yd^3	6.00	6.00	6.75	6.75	
Width	mm	3220	3301	3264	3301	
	ft/in	10'6"	10'9"	10'8"	10'9"	
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3001	2832	2987	2829	
	ft/in	9'10"	9'3"	9'9"	9'3"	
7† Reach at Maximum Lift and	mm	1350	1487	1361	1497	
45° Discharge	ft/in	4'5"	4'10"	4'5"	4'10"	
Reach at Level Lift Arm and	mm	2800	3015	2818	3024	
Bucket Level	ft/in	9'2"	9'10"	9'2"	9'11"	
A† Digging Depth	mm	114	114	114	114	
	in	4.5"	4.5"	4.5"	4.5"	
2† Overall Length	mm	9018	9262	9037	9267	
	ft/in	29'8"	30'5"	29'8"	30'5"	
B† Overall Height with Bucket at	mm	5898	5898	6021	6021	
Maximum Lift	ft/in	19'5"	19'5"	19'10"	19'10"	
Loader Clearance Circle Radius	mm	7512	7618	7537	7618	
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'9"	25'0"	
Static Tipping Load, Straight	kg	18 449	18 244	18 444	18 136	
(With tire deflection)	lb	40,661	40,211	40,651	39,972	
Static Tipping Load, Straight	kg	19 708	19 500	19 733	19 419	
(No tire deflection)	lb	43,436	42,979	43,491	42,801	
Static Tipping Load,	kg	16 160	15 955	16 143	15 836	
Articulated (With tire deflection)	lb	35,617	35,165	35,579	34,903	
Static Tipping Load, Articulated	kg	17 432	17 224	17 444	17 131	
(No tire deflection)	lb	38,420	37,961	38,447	37,758	
Breakout Force (§)	kN	173	171	170	167	
(0)	lbf	38,999	38,523	38,302	37,614	
Operating Weight*	kg	23 847	23 992	23 930	24 102	
1 5 5 5	lb	52,559	52,878	52,741	53,120	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage			Aggregate H	andler Linkage	
Bucket Type			General Purpose	– Hook-On – Fusion	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	3.80	3.80	4.00	4.00
	yd³	5.00	5.00	5.25	5.25
Capacity – Rated at 110% Fill Factor	m ³	4.20	4.20	4.40	4.40
	yd^3	5.50	5.50	5.75	5.75
Width	mm	3220	3271	3201	3201
	ft/in	10'6"	10'8"	10'6"	10'6"
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	3048	2896	3035	2880
	ft/in	10'0"	9'6"	9'11"	9'5"
7† Reach at Maximum Lift and	mm	1324	1463	1327	1468
45° Discharge	ft/in	4'4"	4'9"	4'4"	4'9"
Reach at Level Lift Arm and	mm	2745	2950	2757	2965
Bucket Level	ft/in	9'0"	9'8"	9'0"	9'8"
A† Digging Depth	mm	114	114	84	84
	in	4.5"	4.5"	3.3"	3.3"
2† Overall Length	mm	8964	9189	8979	9208
	ft/in	29'5"	30'2"	29'6"	30'3"
B† Overall Height with Bucket at	mm	5813	5813	5929	5929
Maximum Lift	ft/in	19'1"	19'1"	19'6"	19'6"
Loader Clearance Circle Radius	mm	7512	7601	7508	7575
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'8"	24'11"
Static Tipping Load, Straight	kg	18 079	17 897	18 029	17 814
(With tire deflection)	lb	39,846	39,445	39,736	39,262
Static Tipping Load, Straight	kg	19 309	19 125	19 274	19 056
(No tire deflection)	lb	42,559	42,153	42,480	41,999
Static Tipping Load,	kg	15 807	15 625	15 757	15 542
Articulated (With tire deflection)	lb	34,840	34,438	34,730	34,256
Static Tipping Load, Articulated	kg	17 052	16 867	17 015	16 798
(No tire deflection)	lb	37,582	37,176	37,503	37,023
Breakout Force (§)	kN	180	179	190	188
	lbf	40,648	40,284	42,726	42,275
Operating Weight*	kg	24 154	24 292	24 202	24 364
	lb	53,235	53,539	53,341	53,698

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage			Aggregate H	andler Linkage		
Bucket Type			General Purpose – Hook-On – Fusion			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m^3	4.20	4.20	4.60	4.60	
	yd³	5.50	5.50	6.00	6.00	
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	5.10	5.10	
	yd^3	6.00	6.00	6.75	6.75	
Width	mm	3220	3271	3220	3271	
	ft/in	10'6"	10'8"	10'6"	10'8"	
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	2970	2816	2957	2803	
	ft/in	9'8"	9'2"	9'8"	9'2"	
17† Reach at Maximum Lift and	mm	1395	1533	1398	1535	
45° Discharge	ft/in	4'6"	5'0"	4'7"	5'0"	
Reach at Level Lift Arm and	mm	2855	3059	2865	3070	
Bucket Level	ft/in	9'4"	10'0"	9'4"	10'0"	
A† Digging Depth	mm	106	106	113	113	
	in	4.2"	4.2"	4.4"	4.4"	
12† Overall Length	mm	9067	9292	9083	9308	
	ft/in	29'9"	30'6"	29'10"	30'7"	
B † Overall Height with Bucket at	mm	5970	5970	6048	6048	
Maximum Lift	ft/in	19'8"	19'8"	19'11"	19'11"	
Loader Clearance Circle Radius	mm	7539	7629	7544	7634	
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'9"	25'1"	
Static Tipping Load, Straight	kg	17 792	17 609	17 935	17 749	
(With tire deflection)	lb	39,214	38,811	39,530	39,120	
Static Tipping Load, Straight	kg	19 021	18 836	19 213	19 024	
(No tire deflection)	lb	41,923	41,515	42,346	41,930	
Static Tipping Load,	kg	15 543	15 360	15 655	15 468	
Articulated (With tire deflection)	lb	34,257	33,854	34,503	34,093	
Static Tipping Load, Articulated	kg	16 786	16 601	16 944	16 756	
(No tire deflection)	lb	36,998	36,590	37,346	36,930	
Breakout Force (§)	kN	166	164	164	163	
	lbf	37,396	37,040	37,021	36,663	
Operating Weight*	kg	24 218	24 355	24 332	24 470	
	lb	53,375	53,679	53,627	53,930	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage Aggregate Handler Linkage					
Bucket Type			Flat Floo	or – Pin-On	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	4.20	4.20	4.40	4.40
	yd^3	5.50	5.50	5.75	5.75
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	4.80	4.80
	yd^3	6.00	6.00	6.25	6.25
Width	mm	3220	3271.4	3220	3271.4
	ft/in	10'6"	10'8"	10'6"	10'8"
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	2959	2797	2931	2768
	ft/in	9'8"	9'2"	9'7"	9'1"
7† Reach at Maximum Lift and	mm	1242	1369	1271	1398
45° Discharge	ft/in	4'0"	4'5"	4'2"	4'7"
Reach at Level Lift Arm and	mm	2771	2975	2811	3015
Bucket Level	ft/in	9'1"	9'9"	9'2"	9'10"
A† Digging Depth	mm	114	114	114	114
	in	4.5"	4.5"	4.5"	4.5"
2† Overall Length	mm	8989	9215	9029	9255
	ft/in	29'6"	30'3"	29'8"	30'5"
B† Overall Height with Bucket at	mm	5911	5911	5941	5941
Maximum Lift	ft/in	19'5"	19'5"	19'6"	19'6"
Loader Clearance Circle Radius	mm	7504	7589	7514	7599
with Bucket at Carry Position	ft/in	24'8"	24'11"	24'8"	25'0"
Static Tipping Load, Straight	kg	18 362	18 179	18 280	18 096
(With tire deflection)	lb	40,470	40,067	40,289	39,884
Static Tipping Load, Straight	kg	19 598	19 413	19 522	19 336
(No tire deflection)	lb	43,194	42,786	43,028	42,618
Static Tipping Load,	kg	16 088	15 905	16 008	15 824
Articulated (With tire deflection)	lb	35,460	35,056	35,282	34,877
Static Tipping Load, Articulated	kg	17 338	17 153	17 264	17 078
(No tire deflection)	lb	38,213	37,805	38,051	37,641
Breakout Force(§)	kN	177	175	171	170
	lbf	39,850	39,488	38,633	38,273
Operating Weight*	kg	23 844	23 982	23 898	24 036
	lb	52,552	52,856	52,670	52,974

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage Aggregate Handler Linkage					
Bucket Type			Flat Floo	or – Pin-On	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	4.60	4.60	4.80	4.80
	yd^3	6.00	6.00	6.25	6.25
Capacity – Rated at 110% Fill Factor	m ³	5.10	5.10	5.30	5.30
	yd^3	6.75	6.75	7.00	7.00
Width	mm	3220	3271.4	3220	3271.4
	ft/in	10'6"	10'8"	10'6"	10'8"
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	2903	2740	2875	2712
	ft/in	9'6"	8'11"	9'5"	8'10"
7† Reach at Maximum Lift and	mm	1299	1426	1327	1454
45° Discharge	ft/in	4'3"	4'8"	4'4"	4'9"
Reach at Level Lift Arm and	mm	2851	3055	2891	3095
Bucket Level	ft/in	9'4"	10'0"	9'5"	10'1"
A† Digging Depth	mm	114	114	114	114
	in	4.5"	4.5"	4.5"	4.5"
2† Overall Length	mm	9069	9295	9109	9335
	ft/in	29'10"	30'6"	29'11"	30'8"
B† Overall Height with Bucket at	mm	5992	5992	6033	6033
Maximum Lift	ft/in	19'8"	19'8"	19'10"	19'10"
Loader Clearance Circle Radius	mm	7524	7610	7534	7620
with Bucket at Carry Position	ft/in	24'9"	25'0"	24'9"	25'0"
Static Tipping Load, Straight	kg	18 215	18 030	18 140	17 954
(With tire deflection)	lb	40,147	39,740	39,981	39,572
Static Tipping Load, Straight	kg	19 465	19 278	19 396	19 208
(No tire deflection)	lb	42,901	42,488	42,750	42,335
Static Tipping Load,	kg	15 946	15 761	15 873	15 687
Articulated (With tire deflection)	lb	35,145	34,737	34,984	34,574
Static Tipping Load, Articulated	kg	17 209	17 021	17 142	16 954
(No tire deflection)	lb	37,928	37,516	37,782	37,367
Breakout Force(§)	kN	166	165	162	160
	lbf	37,495	37,136	36,405	36,047
Operating Weight*	kg	23 932	24 070	23 979	24 116
	lb	52,746	53,050	52,848	53,152

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage			Aggregate Ha	ndler Linkage	
Bucket Type			Flat Floor – Pin-On – Abrasion		Flat Floor – Pin-On – Light Materia
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m ³	4.40	4.60	4.80	6.00
	yd³	5.75	6.00	6.25	7.75
Capacity – Rated at 110% Fill Factor	m ³	4.80	5.10	5.30	6.60
	yd^3	6.25	6.75	7.00	8.75
Width	mm	3220	3220	3230	3405
	ft/in	10'6"	10'6"	10'7"	11'2"
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2932	2903	2875	2753
	ft/in	9'7"	9'6"	9'5"	9'0"
17† Reach at Maximum Lift and	mm	1269	1299	1320	1428
45° Discharge	ft/in	4'1"	4'3"	4'3"	4'8"
Reach at Level Lift Arm and	mm	2809	2851	2886	3048
Bucket Level	ft/in	9'2"	9'4"	9'5"	10'0"
A† Digging Depth	mm	114	114	119	89
	in	4.5"	4.5"	4.7"	3.5"
12† Overall Length	mm	9028	9069	9108	9278
·	ft/in	29'8"	29'10"	29'11"	30'6"
B † Overall Height with Bucket at	mm	5943	5992	6033	6505
Maximum Lift	ft/in	19'6"	19'8"	19'10"	21'5"
Loader Clearance Circle Radius	mm	7513	7524	7539	7675
with Bucket at Carry Position	ft/in	24'8"	24'9"	24'9"	25'3"
Static Tipping Load, Straight	kg	18 163	18 067	18 002	17 521
(With tire deflection)	lb	40,031	39,819	39,678	38,616
Static Tipping Load, Straight	kg	19 406	19 315	19 256	18 796
(No tire deflection)	lb	42,772	42,571	42,441	41,428
Static Tipping Load,	kg	15 890	15 797	15 735	15 263
Articulated (With tire deflection)	lb	35,021	34,817	34,680	33,639
Static Tipping Load, Articulated	kg	17 147	17 059	17 002	16 552
(No tire deflection)	lb	37,792	37,598	37,474	36,481
Breakout Force(§)	kN	171	166	161	152
	lbf	38,560	37,355	36,323	34,227
Operating Weight*	kg	24 026	24 078	24 088	24 413
	lb	52,953	53.067	53,089	53,806

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage Aggregate Handler Linkage					
Bucket Type			Flat Floor – H	ook-On – Fusion	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m^3	4.20	4.20	4.40	4.40
	yd³	5.50	5.50	5.75	5.75
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	4.80	4.80
	yd^3	6.00	6.00	6.25	6.25
Width	mm	3220	3271.4	3220	3271.4
	ft/in	10'6"	10'8"	10'6"	10'8"
6† Dump Clearance at Maximum Lift and 45° Discharge	mm	2909	2746	2882	2719
	ft/in	9'6"	9'0"	9'5"	8'11"
7† Reach at Maximum Lift and	mm	1293	1420	1320	1447
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"
Reach at Level Lift Arm and	mm	2842	3047	2881	3085
Bucket Level	ft/in	9'3"	9'11"	9'5"	10'1"
A† Digging Depth	mm	114	114	114	114
	in	4.5"	4.5"	4.5"	4.5"
2† Overall Length	mm	9061	9286	9099	9325
	ft/in	29'9"	30'6"	29'11"	30'8"
B† Overall Height with Bucket at	mm	5953	5953	5983	5983
Maximum Lift	ft/in	19'7"	19'7"	19'8"	19'8"
Loader Clearance Circle Radius	mm	7538	7628	7549	7639
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'10"	25'1"
Static Tipping Load, Straight	kg	17 673	17 490	17 596	17 412
(With tire deflection)	lb	38,951	38,549	38,781	38,377
Static Tipping Load, Straight	kg	18 893	18 709	18 823	18 638
(No tire deflection)	lb	41,642	41,235	41,486	41,078
Static Tipping Load,	kg	15 432	15 249	15 356	15 173
Articulated (With tire deflection)	lb	34,012	33,610	33,846	33,441
Static Tipping Load, Articulated	kg	16 667	16 483	16 598	16 412
(No tire deflection)	lb	36,735	36,328	36,582	36,174
Breakout Force(§)	kN	167	166	162	161
	lbf	37,690	37,331	36,614	36,256
Operating Weight*	kg	24 303	24 441	24 358	24 496
	lb	53,564	53,868	53,684	53,988

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage		Aggregate Handler Linkage		
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m ³	3.63	3.63	
	yd^3	4.75	4.75	
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00	
	yd^3	5.25	5.25	
Width	mm	3677	3677	
	ft/in	12'0"	12'0"	
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2899	2852	
	ft/in	9'6"	9'4"	
17† Reach at Maximum Lift and	mm	1294	1370	
45° Discharge	ft/in	4'2"	4'5"	
Reach at Level Lift Arm and	mm	2850	2937	
Bucket Level	ft/in	9'4"	9'7"	
A† Digging Depth	mm	120	100	
	in	4.7"	3.9"	
12† Overall Length	mm	9074	9144	
	ft/in	29'10"	30'0"	
B † Overall Height with Bucket at	mm	5786	5855	
Maximum Lift	ft/in	19'0"	19'3"	
Loader Clearance Circle Radius	mm	7722	7832	
with Bucket at Carry Position	ft/in	25'4"	25'9"	
Static Tipping Load, Straight	kg	17 133	15 268	
(With tire deflection)	lb	37,763	33,651	
Static Tipping Load, Straight	kg	18 315	16 247	
(No tire deflection)	lb	40,368	35,808	
Static Tipping Load,	kg	14 955	13 269	
Articulated (With tire deflection)	lb	32,960	29,245	
Static Tipping Load, Articulated	kg	16 153	14 267	
(No tire deflection)	lb	35,602	31,446	
Breakout Force(§)	kN	165	155	
	lbf	37,103	34,916	
Operating Weight*	kg	24 286	24 823	
	lb	53,525	54,709	

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

nkage Aggregate Handler Li						
Bucket Type			High Dump – Pin-On			Dump – ı – 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	7.60	9.20	11.10	7.60	9.20
	yd^3	10.00	12.00	14.50	10.00	12.00
Capacity – Rated at 110% Fill Factor	m ³	8.40	10.10	12.20	8.40	10.10
	yd^3	11.00	13.25	16.00	11.00	13.25
Width	mm	3350	3656	3656	3350	3656
	ft/in	10'11"	11'11"	11'11"	10'11"	11'11"
16† Dump Clearance at Maximum Height and High	mm	4898	4843	4669	4916	4953
Dump Fully Rolled Out (43°)	ft/in	16'1"	15'9"	15'3"	16'1"	16'3"
17† Reach at Maximum Height and High Dump Fully	mm	1723	1723	1907	1676	1778
Rolled Out (43°)	ft/in	5'7"	5'7"	6'3"	5'5"	5'8"
Reach at Level Lift Arm and	mm	3525	3605	3825	3545	3625
Bucket Level	ft/in	11'6"	11'9"	12'6"	11'7"	11'10"
A† Digging Depth	mm	84	84	84	84	84
,	in	3.3"	3.3"	3.3"	3.3"	3.3"
12† Overall Length	mm	9743	9823	10043	9763	9843
	ft/in	32'0"	32'3"	33'0"	32'1"	32'4"
B † Overall Height at Maximum Height and High Dump	mm	7263	7323	7512	7281	7341
Fully Rolled Out (43°)	ft/in	23'8"	24'0"	24'6"	23'9"	24'1"
Loader Clearance Circle Radius	mm	7795	7956	8023	7802	7963
with Bucket at Carry Position	ft/in	25'7"	26'2"	26'4"	25'8"	26'2"
Static Tipping Load, Straight	kg	16 185	15 911	15 556	15 734	15 458
(With tire deflection)	lb	35,673	35,069	34,286	34,677	34,071
Static Tipping Load, Straight	kg	17 486	17 221	16 892	17 025	16 758
(No tire deflection)	lb	38,539	37,956	37,230	37,524	36,936
Static Tipping Load,	kg	14 009	13 739	13 395	13 566	13 295
Articulated (With tire deflection)	lb	30,877	30,281	29,523	29,901	29,303
Static Tipping Load, Articulated	kg	15 325	15 063	14 745	14 872	14 610
(No tire deflection)	lb	33,776	33,200	32,499	32,779	32,200
Breakout Force (§)	kN	111	106	94	110	104
(0)	lbf	25,125	23,825	21,126	24,821	23,539
Operating Weight*	kg	24 951	25 167	25 374	25 430	25 646
1 5 5	lb	54,992	55,468	55,924	56,047	56,523

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

(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.

[†] Illustration shown with Dimension charts.

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

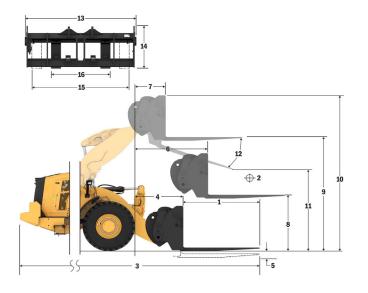
^(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

Fork Specifications

Fork	Specification	s
	Opcomounom	•

FO	rk Specifications		
1	Tine Length	mm in	1524 60.0
_	· · · · · · · · · · · · · · · · · · ·		762
2	Load Center	mm in	30.0
_		ka	12382
	Static Tipping Load - Straight (Forks Level)	lbs	27289
_		kg	10976
	Static Tipping Load - Articulated (Forks Level)	lbs	24192
_		kg	5488
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	12096
_		kg	6586
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	14515
_		kg	8656
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	19078
_		mm	9359
3	Maximum Overall Length	in	368.5
_		mm	1126
4	Reach with Forks at Ground Level	in	44.3
_		mm	-166
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.5
_		mm	1694
6	Reach with Arms Horizontal and Forks Level	in	66.7
_		mm	826
7	Reach with Fork at Maximum Height	in	32.5
_		mm	1866
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
_		mm	3949
9	Ground to Top of Tine at Maximum Height and Fork Level	in	155.5
_		mm	4724
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	186.0
		mm	2652
11	Clearance at Full Lift and Max Dump	in	104.4
12	Max Discharge Angle from Horizontal	deg	43
13	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
1/	Overall Carriage Height	mm	840
	Overall Carriage Fleight	in	33.1
15	Outside Tine Width (max spread)	mm	2070
-10	Odiside Title Widit (Hax spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Outside Title Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	····o ····au· (og.o tillo)	in	5.9
	Tine Thickness	mm	65.0
	TITIO TITIONITOS	in	2.6
	Tine Capacity	kg	6300
	····· capacity	lbs	13885
	Operating Weight	kg	22225
	operating resigna	lbs	48983





*Negative values indicate below grade

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.

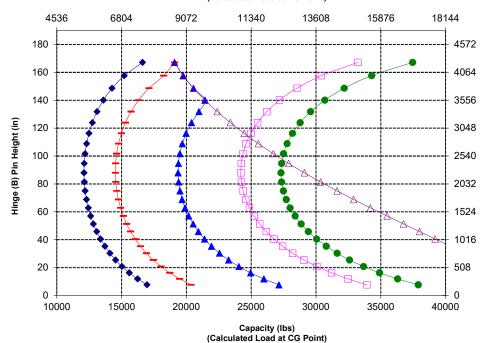
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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.

hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or

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Capacity (kg) (Calculated Load at CG Point)





hydraulic limit.

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

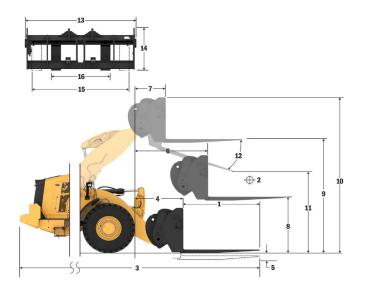
Hinge (B) Pin Height (mm)

Fork Specifications

Fork	Specifications

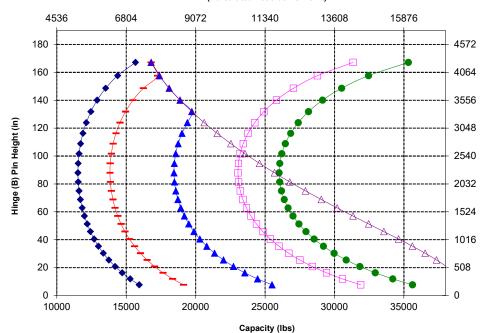
	rk Specifications		
1	Tine Length	mm in	1830 72.0
		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	11799
	Static ripping Load - Straight (Forks Level)	lbs	26004
	Static Tipping Load - Articulated (Forks Level)	kg	10454
	Static Tipping Load - Articulated (Forks Level)	lbs	23042
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5227
	Nated Load (OAL 31191 - 30 /01 101L)	lbs	11521
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6273
	Nated Load (OLIV LIV 474-5 Nought Terraint - 00 /0 1 10 1L)	lbs	13825
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7618
	Nated Load (CEN EN 474-3 Fillil and Level Glound - 60 % F131L)	lbs	16790
3	Maximum Overall Length	mm	9665
3	Maximum Overali Length	in	380.5
_	Death with Federat Consultation	mm	1126
4	Reach with Forks at Ground Level	in	44.3
_	*O 11 D # 17" 11" 11" 15 11 1	mm	-166
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.5
_		mm	1694
6	Reach with Arms Horizontal and Forks Level	in	66.7
_		mm	826
7	Reach with Fork at Maximum Height	in	32.5
		mm	1866
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
			3949
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	
	· · · · · · · · · · · · · · · · · · ·	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
		in	186.0
11	Clearance at Full Lift and Max Dump	mm	2444
	<u> </u>	in	96.2
12	Max Discharge Angle from Horizontal	deg	43
13	Overall Carriage Width	mm	2217
		in	87.3
14	Overall Carriage Height	mm	840
		in	33.1
15	Outside Tine Width (max spread)	mm	2070
	Odibide Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Outside Tille Width (Illin Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
	THE THICKHESS	in	2.6
	T. O. "		5246
	Tine Capacity	kg lbs	11562
	0 6 70 11	kg	22272
	Operating Weight	lbs	49087
_			.0001





Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)

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

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.

The rated operating load for a loader equipped with a pallet fork is determined by:
SAE 31197: 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. 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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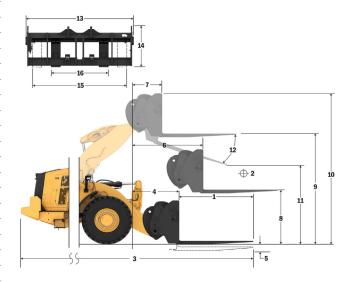
^{*}Negative values indicate below grade

Fork Specifications

Earl Specifications

Fo	rk Specifications		
1	Tine Length	mm	1829
_		in	72.0 915
2	Load Center	mm in	36.0
_		kg	11532
	Static Tipping Load - Straight (Forks Level)	lbs	25416
	0	ka	10184
	Static Tipping Load - Articulated (Forks Level)	lbs	22445
	D-t111/04E 14407	kg	5092
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	11222
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6110
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	13467
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7807
	Rated Load (CEN EN 474-3 Fillil and Level Glound - 60 % F131L)	lbs	17206
3	Maximum Overall Length	mm	9615
	Waximum Overali Eengin	in	378.5
4	Reach with Forks at Ground Level	mm	1077
	Trodon Will Forto de Ground Euro	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
	Croana to Bottom of Timo at Miniman Holght and Fort 2016	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in	66.4
7	Reach with Fork at Maximum Height	mm	818
	<u> </u>	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
	<u>`</u>	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4053 159.6
		mm	5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
		mm	2359
11	Clearance at Full Lift and Max Dump	in	92.9
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	Overall burnage vitati	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2178
	- (1 /	in	85.7
16	Outside Tine Width (min spread)	mm	576
		in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
		mm	90.0
	Tine Thickness	in	3.5
_		ka	14800
	Tine Capacity	lbs	32619
_	0 " W : 11	kg	22661
	Operating Weight	lbs	49944
		100	.0044





*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

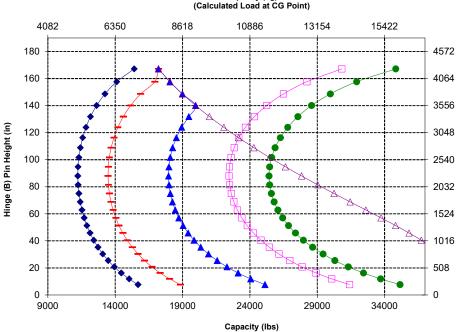


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or lateral 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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Capacity (lbs)
(Calculated Load at CG Point)



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

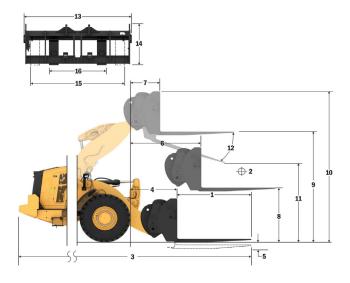
Hinge (B) Pin Height (mm)

Fork Specifications

Fork	Speci	ificati	ons

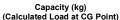
FO	rk Specifications		
1	Tine Length	mm	2438
		in	96.0
2	Load Center	mm in	1219 48.0
	Otatia Timping Land Otanight (Fades Land)	ka	10479
	Static Tipping Load - Straight (Forks Level)	lbs	23096
	Static Tipping Load - Articulated (Forks Level)	kg	9238
	Static ripping Load - Articulated (Forks Level)	lbs	20361
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4619
	Nated Load (SAE 31197 - 30 % F131L)	lbs	10181
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5543
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	12217
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6207
	Rated Load (CEN EN 474-3 Film and Level Ground - 60% F151L)	lbs	13681
3	Maximum Overall Length	mm	10224
3	Maximum Overali Length	in	402.5
4	Reach with Forks at Ground Level	mm	1077
-	Reach with Forks at Glound Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
э	Ground to Bottom or Time at Willimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
ь	Reach with Arms Horizontal and Forks Level	in	66.4
-	Desch with Feel of Manieum Height	mm	818
7	Reach with Fork at Maximum Height	in	32.2
_	One and to Top of Tip out the American to be and Foods Level	mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Oncord to Tan of Time of Manipular Height and Forth Land	mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
40	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
10	Overall neight of Fork at Full Lift (top of carnage to ground)	in	200.5
44	Clearence at Full Lift and May Dumn	mm	1899
11	Clearance at Full Lift and Max Dump	in	74.7
40	Mary Disabassas As ala fassa Hasimantal	4	40
12	Max Discharge Angle from Horizontal	deg	49
12	Overall Carriage Width	mm	2528
	Overall Carriage Width	in	99.5
11	Overall Carriage Height	mm	1130
1-	Overall Carriage Fleight	in	44.5
15	Outside Tine Width (max spread)	mm	2178
-13	Odiside Tille Widtil (Illax spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Outside Title Width (Illin spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Tille Vilder (oligie tille)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	11300
	тие барабку	lbs	24905
	Operating Weight	kg	22786
	Operating Weight	lbs	50220





Hinge (B) Pin Height (mm)

*Negative values indicate below grade



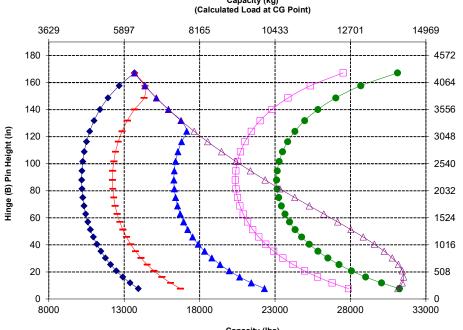


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 besterate limit. 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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Capacity (lbs)
(Calculated Load at CG Point)



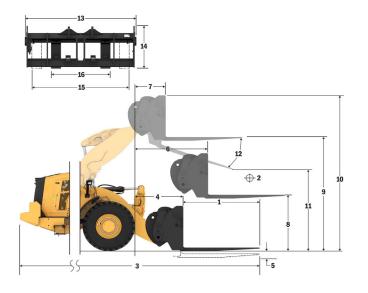
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork	Spec	ificat	tions

FO	rk Specifications		
1	Tine Length	mm	1524
		in	60.0
2	Load Center	mm	762
_		in ka	30.0 12757
	Static Tipping Load - Straight (Forks Level)	lbs	28117
_		ka	11191
	Static Tipping Load - Articulated (Forks Level)	lbs	24665
_		kg	5596
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	12333
	D / 11 1/05N5N4740D 1 T : 000/ 5T0TL)	kg	5754
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12682
	Detect Lend (OFN EN 474 2 Firm and Level Convert 200) (FTCTL)	kg	5754
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	12682
3	Maximum Overall Length	mm	10012
3	Maximum Overali Lengtii	in	394.2
4	Reach with Forks at Ground Level	mm	1612
	Reach with Forks at Glound Level	in	63.5
- 5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-141
	Cround to Bottom of Time at Millimidin Fleight and Fork Level	in	-5.6
6	Reach with Arms Horizontal and Forks Level	mm	2098
	Treadil Will 7 till o Florizontal and Forks Edver	in	82.6
7	Reach with Fork at Maximum Height	mm	802
	Trought Will Fork at Waximan Floight	in	31.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
	Cround to rop or rino marramo riorizonal and rom zoro	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4507
_		in	177.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5282
		in	208.0
11	Clearance at Full Lift and Max Dump	mm	3189
_	<u> </u>	in	125.6
12	Max Discharge Angle from Horizontal	deg	44
42	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
11	Overall Carriage Height	mm	840
-14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
-13	Outside Title Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Catalas Tino Triati (Timospisaa)	in	18.5
	Tine Width (single tine)	mm	150.0
	\ \ \sigma = \frac{1}{2}	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg	6300
	· ·	lbs	13885
	Operating Weight	kg	23877
_	* *	lbs	52625





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.

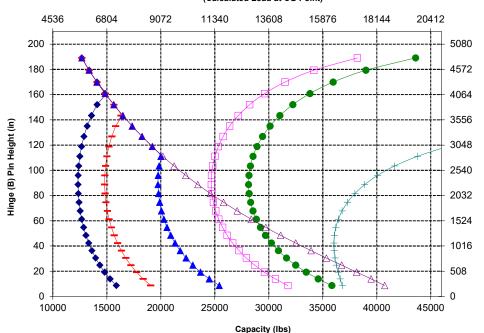
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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.

hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or

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

Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)



hydraulic limit.

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

Hinge (B) Pin Height (mm)

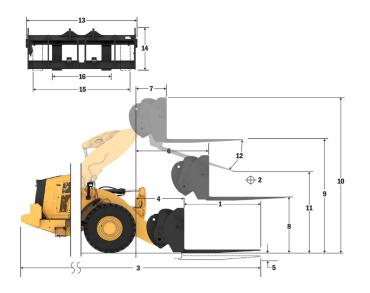
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

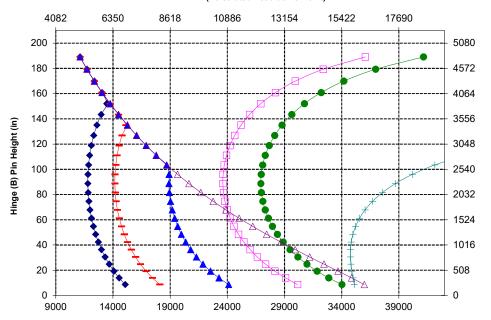
FO	rk Specifications		
1	Tine Length	mm	1830 72.0
	<u> </u>	in	
2	Load Center	mm	915
		in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	12215
		lbs	26921
	Static Tipping Load - Articulated (Forks Level)	kg	10710
	, ,	lbs	23605
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5046
	114104 2044 (0712 01107 00701 1012)	lbs	11121
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5046
	Nated Load (OLIV LIV 474-5 Nought Terrain - 00 /0 1 10 1L)	lbs	11121
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5046
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	11121
_		mm	10318
3	Maximum Overall Length	in	406.2
		mm	1612
4	Reach with Forks at Ground Level	in	63.5
_		mm	-141
5	*Ground to Bottom of Tine at Minimum Height and Fork Level		-5.6
		in	
6	Reach with Arms Horizontal and Forks Level	mm	2098
		in	82.6
7	Reach with Fork at Maximum Height	mm	802
		in	31.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
	Ordana to Top of Time with Turno Horizontal and Tork Edver	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4507
9	Ground to Top or Time at Maximum Height and Fork Level	in	177.4
40	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5282
10	Overall neight of Fork at Full Lift (top of carnage to ground)	in	208.0
	0 .5	mm	2977
11	Clearance at Full Lift and Max Dump	in	117.2
12	Max Discharge Angle from Horizontal	deg	44
12	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
44	Overall Carriage Height	mm	840
14	Overall Carriage Height	in	33.1
	O 1 11 T 147 HI / 10	mm	2070
15	Outside Tine Width (max spread)	in	81.5
		mm	470
16	Outside Tine Width (min spread)	in	18.5
_		mm	150.0
	Tine Width (single tine)	in	5.9
_			
	Tine Thickness	ḿш	65.0
		in	2.6
	Tine Capacity	kg	5246
	····· ==p===y	lbs	11562
	Operating Weight	kg	23924
	opolating rioigin	lbs	52729
	-		





Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs)
(Calculated Load at CG Point)

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

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

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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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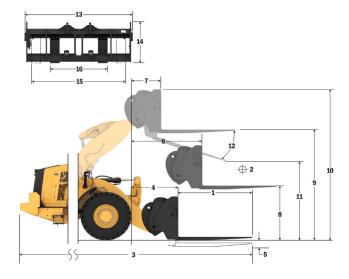
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

Static Tipping Load - Straight (Forks Level) Ibs 26307 Static Tipping Load - Articulated (Forks Level) Ibg 10307 Rated Load (SAE J1197 - 50% FTSTL) Rq 5214 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rm 10275 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rm 10275 Reach with Forks at Ground Level Rm 10275 Reach with Forks at Ground Level Rm Rm Rq 104.5 Reach with Forks at Ground Level Rm Rq 104.5 Reach with Arms Horizontal and Fork Level Rm 1970 Rate Reach with Fork at Maximum Height and Fork Level Rm 1970 Rate Reach with Fork at Maximum Height and Fork Level Rm 1970 Rate Reach with Fork at Full Lift (top of carriage to ground) Rm 5651 Rate Reach with Fork at Full Lift (top of carriage to ground) Rm 5651 Rate Reach with Fork at Full Lift (top of carriage to ground) Rm 2895 Rate Reach with Pork at Full Lift (top of carriage to ground) Rm 2528 Rate Reach with	FΟ	rk Specifications		
2	1	Tine Length		
Static Tipping Load - Straight (Forks Level)	_	<u> </u>		
Static Tipping Load - Straight (Forks Level) Ibs 26307 Static Tipping Load - Articulated (Forks Level) Ibg 10307 Rated Load (SAE J1197 - 50% FTSTL) Rq 5214 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rq 5231 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rm 10275 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rm 10275 Reach with Forks at Ground Level Rm 10275 Reach with Forks at Ground Level Rm Rm Rq 104.5 Reach with Forks at Ground Level Rm Rq 104.5 Reach with Arms Horizontal and Fork Level Rm 1970 Rate Reach with Fork at Maximum Height and Fork Level Rm 1970 Rate Reach with Fork at Maximum Height and Fork Level Rm 1970 Rate Reach with Fork at Full Lift (top of carriage to ground) Rm 5651 Rate Reach with Fork at Full Lift (top of carriage to ground) Rm 5651 Rate Reach with Fork at Full Lift (top of carriage to ground) Rm 2895 Rate Reach with Pork at Full Lift (top of carriage to ground) Rm 2528 Rate Reach with	2	Load Center		
Static Tipping Load - Articulated (Forks Level) Ibs 22981		Static Tipping Load - Straight (Forks Level)		11936
Rated Load (SAE J1197 - 50% FTSTL) Ibs 22981				
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		D-4-414 (OAE 14407, FOO) (FTOTI.)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 11530		Rated Load (SAE J1197 - 50% F1S1L)		11491
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
State Load (CEN EN 474-3 Firm and Level Ground - 80% F1S1L) Ibs 11530 Ibs Ibs 11530				
Maximum Overall Length In 404.5 Mm 1570 Mm		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		11530
In 404.5	3	Maximum Overall Length		10275
Reach with Forks at Ground Level in 61.8 mm -62.4 mm -62.4 mm 290 in 2.4 mm 293 mm		Maximum Overall Eengur		
5 "Ground to Bottom of Tine at Minimum Height and Fork Level mm -62 in -24 in -22 in -23 in -24 in -24 in -24 in -23 in -24 in -23 in	4	Reach with Forks at Ground Level		
6 Reach with Arms Horizontal and Fork Level mm 2030 mm 2030 mm 31.2 mm 2030 mm 31.2 mm 4611 mm 4				
6 Reach with Arms Horizontal and Forks Level mm 2090 in 82.3 mm 7 Reach with Fork at Maximum Height mm 73.1.2 mm 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 77.5 mm 461.1 mm mm 197.5 9 Ground to Top of Tine at Maximum Height and Fork Level in 181.5 mm 5651.1 mm mm 461.1 mm 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 2895.1 mm 11 Clearance at Full Lift and Max Dump mm 2895.1 mm 12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528.1 mm 14 Overall Carriage Height mm 13.1 mm 15 Outside Tine Width (max spread) mm 25.7 mm 16 Outside Tine Width (min spread) mm 22.7 mm Tine Width (single tine) mm 180.0 mm Tine Thickness mm 90.0 mm Tine Capacity kg 14800 mm Operation Weight kg 24313	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
6 Reach with Fork at Maximum Height in 82.3 mm 793 mm 793 mm 793 mm 31.2 mm 1970 mm 461 mm 1970 mm 461 mm 161 mm 161 mm 181 mm 161 mm 181 mm 161 mm 162 mm 265 mm 162 mm 265 mm 162 mm 265 mm 162 mm 289 mm 162 mm 174 mm 289 mm 180 mm 180 mm 180 mm 180 mm 194 mm 1				
7 Reach with Fork at Maximum Height mm / 193 / 103 793 / 103 131.2 131.2 131.2 131.2 131.2 131.2 131.2 131.5 <th>6</th> <td>Reach with Arms Horizontal and Forks Level</td> <td></td> <td></td>	6	Reach with Arms Horizontal and Forks Level		
Reach with Fork at Maximum Height in 31.2 mm 1970 197 197 198 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1970 197 198 197 198 197 198		B 1 7 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
9 Ground to Top of Tine with Arms Horizontal and Fork Level in 77.5 mm 4611 fin 181.5 mm 5651 fin 2895 mm 2895 fin 21.5 mm 2528 fin 99.5 mm 2528 fin 20.5 mm	1	Reach with Fork at Maximum Height		
In 77.5 In		Ground to Top of Tipe with Arms Horizontal and Fork Level	mm	1970
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5651 mm 222.5 11 Clearance at Full Lift and Max Dump mm 2895 mm 2895 12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528 mm 99.5 14 Overall Carriage Height mm 131.5 15 Outside Tine Width (max spread) mm 44.5 16 Outside Tine Width (min spread) mm 576 17 Tine Width (single tine) mm 180.0 mm 22.7 18 Tine Thickness mm 90.0 mm 90.0		Ground to Top or Time with Arms Honzontal and Fork Level		
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5651 in 222.5 11 Clearance at Full Lift and Max Dump mm 2695 in 114.0 12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height in 44.5 in 44.5 15 Outside Tine Width (max spread) mm 2178 in 8576 in 27.7 16 Outside Tine Width (min spread) mm 576 in 22.7 Tine Width (single tine) mm 180.0 in 7.7 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 1485 32619 Operating Weight kg 24319 2	9	Ground to Top of Tine at Maximum Height and Fork Level		
11 Clearance at Full Lift and Max Dump mm 2895 mm 2528 mm 2528				
11 Clearance at Full Lift and Max Dump mm bin 114.0 (ag 5) (in 114.0) 2885 (in 114.0) 12 Max Discharge Angle from Horizontal deg 50 50 13 Overall Carriage Width mm 2528 (in 99.5) 14 Overall Carriage Height in 44.5 (in 44.5) 15 Outside Tine Width (max spread) mm 576 (in 85.7) 16 Outside Tine Width (min spread) mm 576 (in 22.7) Tine Width (single tine) mm 180.0 (in 7.7) Tine Thickness mm 90.0 (in 3.5) Tine Capacity kg 14800 (ibs 32619) Operating Weight kg 24313	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528 14 Overall Carriage Height mm 1130 15 Outside Tine Width (max spread) mm 2778 16 Outside Tine Width (min spread) mm 576 17 Ine Width (single tine) mm 180.0 18 Tine Thickness mm 90.0 19 Tine Capacity degree degree		Ol		
13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1317 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 in 22.7 Tine Width (single tine) mm 180.0 in 7.7 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 14800 lbs 32418 Operating Weight kg 24318	11	Clearance at Full Lift and Max Dump	in	114.0
13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1317 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 in 22.7 Tine Width (single tine) mm 180.0 in 7.7 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 14800 lbs 32418 Operating Weight kg 24318	12	Max Discharge Angle from Horizontal	dea	50
13 Overall Carriage Width in 99.5 14 Overall Carriage Height in 44.5 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 Tine Width (single tine) mm 180.0 Tine Thickness mm 90.0 Tine Capacity kg 143.5 Operating Weight kg 24319				2528
14 Overain Carriage Freight in 44,5	13	Overall Carriage Width		
15 Outside Tine Width (max spread) n 44.5 n 44.5 n 44.5 n 85.7 n 8	1/	Overall Carriage Height	mm	1130
16 Outside Tine Width (min spread) in 85.7 mm 576 mm 576 mm 22.7 Tine Width (single tine) mm 180.0 min 7.7 mm 90.0 mm 90.0 min 95.5 mm 90.0 mm 90.0		Overall Carriage Fleight		
16 Outside Tine Width (min spread) mm in 22.7 kins 576 kin 22.7 kins Tine Width (single tine) in 7.1 kins 7.1 kins Tine Thickness mm 90.0 kin 3.5 kins 3.5 kins Tine Capacity kg 14800 kins 32619 kins Operating Weight kg 24313	15	Outside Tine Width (max spread)		
Tine Width (single tine)				
Tine Weidn't Single tine) in 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 14800 Operating Weight kg 24313	16	Outside Tine Width (min spread)		
Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 14800 lbs 32619 Operating Weight kg 2431		Tine Width (single tine)		
Tine Capacity In 3.5 Tine Capacity In In In In In In In I		The Thirdness		
Tine Capacity kg 14800 Operating Weight kg 24313		Tine Thickness		
Ibs 32619		Tino Canacity		14800
		ппе барабцу		32619
lbs 53586		Operating Weight		24313
		operating froight	lbs	53586





*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

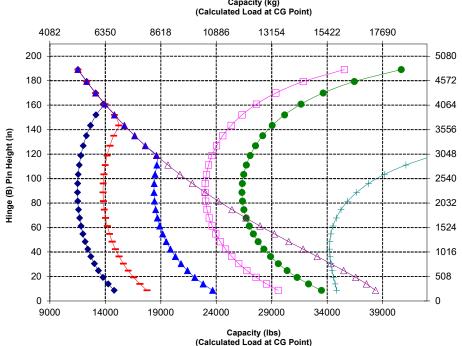


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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CEN EN 474-3: 60% of full turn static tipping load on rough terrain or betterable size. 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.

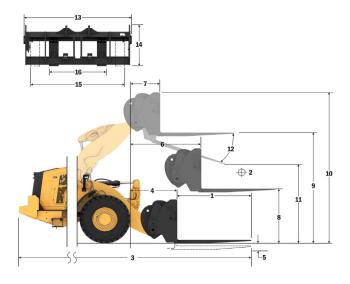
Hinge (B) Pin Height (mm)

Fork Specifications

Fo	rk	Sp	eci	fic	ati	on	S
1	Ti	ne L	engt	h			

Static Tipping Load - Articulated (Forks Level)	FΟ	rk Specifications		
2 Load Center	1	Tine Length		
Static Tipping Load - Straight (Forks Level)				
Static Tipping Load - Straight (Forks Level) kg 24118 bs 24118 lbs 24118 lbs 24118 lbs 24118 lbs 24118 lbs 24118 lbs 21033 lbs 21033 Rated Load (SAE J1197 - 50% FTSTL) kg 4110 lbs 9059 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 4110 lbs 9059 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 4110 lbs 9059 33 Maximum Overall Length mm 1570 lbs 9059 44 Reach with Forks at Ground Level mm 1570 lin 6118 lbs 1618 lbs	2	Load Center		
Static Tipping Load - Straight (Forks Level) bis 24118 kg 953.		0. f. T 0		
Rated Load (SAE J1197 - 50% FTSTL) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 FTSTL) Rated Load (CEN EN 4		Static Tipping Load - Straight (Forks Level)		24119
Rated Load (SAE J1197 - 50% FTSTL)		Static Tinning Load Articulated (Forks Lovel)	kg	9543
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 9059 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-5 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-5 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-5 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-5 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-5 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-5 FTSTL) Rated Load (CEN EN 47		Static ripping Load - Articulated (Porks Level)	lbs	21033
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAF J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 50% FTSTL) Ibs 9059		Trained 2000 (07/201707 00701 1072)		
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
Rated Load (LEN EN 474-3 Firm and Level Ground - 80% F1S1L) Ibs 9059 mm 1088 4		,		
3 Maximum Overall Length mm 10884 nd 428.50 428.50 nd 428.50 nd 428.50 nd 61.80 nd nd 61.80 nd nd nd 61.80 nd nd nd nd nd nd nd n		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		
A Reach with Forks at Ground Level mm 1570 mm				
4 Reach with Forks at Ground Level mm (61.8) in (61.8) in (61.8) (61.8) 5 "Ground to Bottom of Tine at Minimum Height and Fork Level in (2.4) (in (2.4) in (2.4) (in (82.3) (in	3	Maximum Overall Length		
1				
5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm / in -62 in -92.4 (as 2.4 mm) -62 in -82.3 (as 2.4 mm)	4	Reach with Forks at Ground Level		
Reach with Arms Horizontal and Forks Level In 82.3 Reach with Fork at Maximum Height In 31.2 Reach with Fork at Maximum Height In 31.2 Reach with Fork at Maximum Height In 31.2 Reach with Fork at Maximum Height and Fork Level In 7970 In	_	to		
6 Reach with Arms Horizontal and Forks Level in 82.3 mm 7 Reach with Fork at Maximum Height mm 793 mm 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1970 mm 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4611 mm 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5651 mm 11 Clearance at Full Lift and Max Dump mm 2427 mm 12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528 mm 14 Overall Carriage Height in 44.5 mm 15 Outside Tine Width (max spread) mm 17.8 mm 16 Outside Tine Width (min spread) mm 180.0 mm Tine Width (single tine) mm 180.0 mm Tine Thickness mm 90.0 mm Tine Capacity kg 113.0 mm Operating Weight kg 24905	5	"Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.4
Reach with Fork at Maximum Height In 82.3 in 31.2 in 77.5 in	6	Peach with Arms Harizontal and Forks Laval	mm	2090
Reach With Fork at Maximum Height in 31.2 mm 1970 197	0	Reacti with Affils Horizontal and Forks Level	in	82.3
1	7	Reach with Fork at Maximum Height	mm	
Ground to Top of Time with Arms Horizontal and Fork Level in 77.5 mm 4611 mm 4621 mm 4621 mm 4621 mm 4227 mm		Troubit with Fork at Maximum Holght	in	
9 Ground to Top of Tine at Maximum Height and Fork Level mm 461/15 mm 442/15 mm 461/15 mm 445/15 mm 455/15 mm 455/	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
181.5				
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm bin 2252 5651 in 225. 11 Clearance at Full Lift and Max Dump mm 2427 in 95.6 12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 141.5 15 Outside Tine Width (max spread) mm 2178 in 827 16 Outside Tine Width (min spread) mm 576 in 227 Tine Width (single tine) mm 180.0 in 7.7 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 11300 in 3.5 Operating Weight kg 24495	9	Ground to Top of Tine at Maximum Height and Fork Level		
11 Clearance at Full Lift and Max Dump mm 2427 mm 2428 mm 2528 mm 2528				
11 Clearance at Full Lift and Max Dump mm year 2427 in year 12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528 in year 14 Overall Carriage Height mm 144.5 in 44.5 15 Outside Tine Width (max spread) mm 2576 in 257 i	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
11 Clearance at Full Lift and Max Dump in 95.6 12 Max Discharge Angle from Horizontal deg 50 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1130 in 15 Outside Tine Width (max spread) mm 85.7 16 Outside Tine Width (min spread) mm 180.0 in 7 Tine Width (single tine) mm 180.0 in 10 Tine Thickness mm 90.0 in 7 Tine Capacity kg 11300 in 1 Coperating Weight kg 24945				
12 Max Discharge Angle from Horizontal deg In Max Discharge Angle from Horizontal 50 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 13.1 15 Outside Tine Width (max spread) mm 25.7 16 Outside Tine Width (min spread) mm 57.6 7 mm 180.0 10 in 7.2.7 7 Tine Width (single tine) mm 90.0 1 in 3.5 7 Tine Thickness mm 90.0 1 in 3.5 7 Tine Capacity kg 11300 0 perating Weight kg 24438	11	Clearance at Full Lift and Max Dump		
13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height in 44.5 in 44.5 15 Outside Tine Width (max spread) mm 2178 in 2578 in 2578 16 Outside Tine Width (min spread) mm 576 in 22.7 Tine Width (single tine) mm 180.0 in 7.7 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 11300 in 68.2 4905 Operating Weight 48 24495 4905 4905 1100 110				
14 Overall Carriage Width in 99.5 mm 1130 1130 1150 1150 Outside Tine Width (max spread) mm 2178 116 Outside Tine Width (min spread) mm 576 in 25.7 116 Width (single tine) mm 180.0 in 7.7 116 Thickness mm 90.0 in 3.5 1160 1160 117	12	Max Discharge Angle from Horizontal	aeg	50
14 Overall Carriage Height mm 19.5 mm 19.5 mm 14.5 mm 14.5 mm 15.5 mm 15.6 mm 15.6	12	Overall Carriage Width	mm	2528
14 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 mm 576 mm 180.0 mm	13	Overall Carriage Width	in	
15 Outside Tine Width (max spread) mm 44.5 mm 47.5 mm 48.0 mm	14	Overall Carriage Height		
16 Outside Tine Width (min spread) m 85.7 m 776 m 77		O Toran Garriago Froigni		
16 Outside Tine Width (min spread) mm 85.7 mm 22.7 mm 22.7 mm 5.6 mm	15	Outside Tine Width (max spread)		
Tine Width (single tine) mm 180.0 min 7.1 min 7.1 min 7.1 min 7.1 min 7.1 min 9.0 min 3.5		· ' '		
Tine Width (single tine) mm in 7.1 in 7.1 180.0 in 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 113.0 ibs 24905 Operating Weight kg 24436	16	Outside Tine Width (min spread)		
Tine Width (single tine) in 7.1 7.1				
Tine Thickness mm 9.0 in 3.5 Tine Capacity kg 11300 lbs 24905 Operating Weight kg 24438		Tine Width (single tine)		
Tine Capacity In 3.5 Tine Capacity Kg 11300 Operating Weight Kg 24438 Operating Weight Kg 24438		The Thisters		
Tine Capacity kg 11300 Operating Weight kg 24403		Tine Thickness		
Ibs 24905		Tino Canacity		11300
		Tine Capacity		24905
The 53861		Operating Weight	kg	24438
100 00001		Operating Weight	lbs	53861





Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

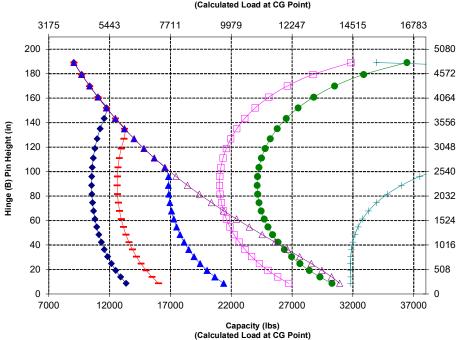


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

tipping load on firm and level ground or hydraulic limit.







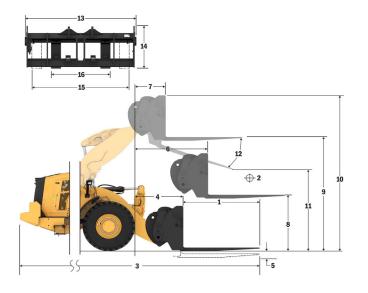
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork	Snacif	fications

FOI	rk Specifications		
1	Tine Length	mm	1524
	g	in	60.0
2	Load Center	mm	762
_		in	30.0 13477
	Static Tipping Load - Straight (Forks Level)	kg lbs	29703
_		ka	11905
	Static Tipping Load - Articulated (Forks Level)	lbs	26238
		kg	5952
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13119
	- · · · · · · · · · · · · · · · · · · ·	kg	7143
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15743
	Detect and (OFN FN 474 2 First and Level Convey 000/ FTCTL)	kg	8656
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	19078
3	Maximum Overall Length	mm	9526
3	Maximum Overali Lengtii	in	375.0
4	Reach with Forks at Ground Level	mm	1126
-	Reach with Forks at Glound Level	in	44.3
- 5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-166
	Cround to Bottom or Time at Millimidin Height and Fork Level	in	-6.5
6	Reach with Arms Horizontal and Forks Level	mm	1694
	Treadil Will 7 till o Florizofital and Forto Edver	in	66.7
7	Reach with Fork at Maximum Height	mm	826
	Trough Mari on at maximum rioight	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
	Cround to rop or time many anno rionzonica and rom zoron	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
_		in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
		in	186.0
11	Clearance at Full Lift and Max Dump	mm	2652
_	<u> </u>	in	104.4
12	Max Discharge Angle from Horizontal	deg	43
40	O O Wi-leb	mm	2217
13	Overall Carriage Width	in	87.3
11	Overall Carriage Height	mm	840
14	Overall Carriage Fleight	in	33.1
15	Outside Tine Width (max spread)	mm	2070
-13	Outside Title Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Catalas Tine Triatif (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg	6300
	· ·	lbs	13885
	Operating Weight	kg	22876
	<u> </u>	lbs	50418





*Negative values indicate below grade

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.

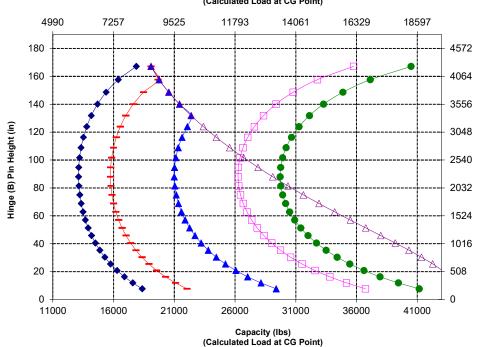
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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.

hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or

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

Capacity (kg) (Calculated Load at CG Point)



∧ V

hydraulic limit.

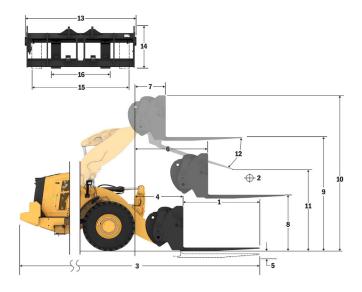
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

Fork Specifications

Fo	rk Specifications		
1	Tine Length	mm	1830
	<u> </u>	in mm	72.0 915
2	Load Center	in	36.0
	Ct-ti- Tii L Ctibt (Fd L I)	kg	12847
	Static Tipping Load - Straight (Forks Level)	lbs	28315
	Static Tipping Load - Articulated (Forks Level)	kg	11344
	Otatic Tipping Load - Articulated (Forks Level)	lbs	25002
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5672
		lbs	12501
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6806
_		lbs	15001
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7618 16790
	<u> </u>	lbs	9832
3	Maximum Overall Length	mm in	387.1
_		mm	1126
4	Reach with Forks at Ground Level	in	44.3
_		mm	-166
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.5
_	B 1 31 A 11 1 1 1 1 1 1 1 1 1	mm	1694
6	Reach with Arms Horizontal and Forks Level	in	66.7
7	Deach with Early at Maximum Height	mm	826
,	Reach with Fork at Maximum Height	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
۰	Ground to Top of Title with Arms Honzontal and Fork Level	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
_	Ordana to Top of Time at Maximum Fleight and Fork Edver	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
		in	186.0
11	Clearance at Full Lift and Max Dump	mm	2444
	<u>'</u>	in	96.2
12	Max Discharge Angle from Horizontal	deg	43
12	Overall Carriage Width	mm	2217
13	Overall Carriage Wildin	in	87.3
14	Overall Carriage Height	mm	840
	Overall Carriage Floight	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	Catolac Tille Triati (max oproac)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	/	in	18.5
	Tine Width (single tine)	mm	150.0



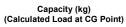


Hinge (B) Pin Height (mm)

Tine Width (single tine)

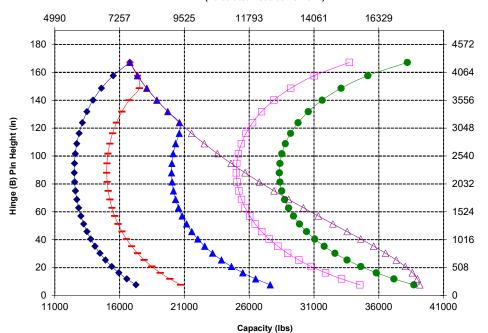
Tine Thickness

Tine Capacity Operating Weight



5.9 65.0

2.6 5246



(Calculated Load at CG Point)

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. hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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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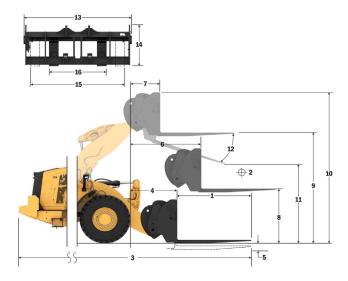
^{*}Negative values indicate below grade

Fork Specifications

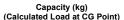
Fork	Specifications	:

FO	rk Specifications		
1	Tine Length	mm	1829
_		in mm	72.0 915
2	Load Center	in	36.0
	O. F. T O	kg	12583
	Static Tipping Load - Straight (Forks Level)	lbs	27733
	Static Tipping Load - Articulated (Forks Level)	kg	11075
	Otatic Tipping Load - Articulated (Forks Level)	lbs	24409
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5537
		lbs	12204
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6645
	<u> </u>	lbs	14645 7807
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	17206
		mm	9782
3	Maximum Overall Length	in	385.1
	D 1 31 5 1 10 11 1	mm	1077
4	Reach with Forks at Ground Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
э	Ground to Bottom of Time at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
	Treach with Annis Honzonial and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818
	Trought man Fort at maximum rought	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
	<u> </u>	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4053 159.6
		mm	5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
		mm	2359
11	Clearance at Full Lift and Max Dump	in	92.9
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	Overall Carriage virial	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2178
		in mm	85.7 576
16	Outside Tine Width (min spread)	in	22.7
		mm	180.0
	Tine Width (single tine)	in	7.1
	The Thisters	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	14800
	Tille Capacity	lbs	32619
	Operating Weight	kg	23312
	Operating Weight	lbs	51379





*Negative values indicate below grade





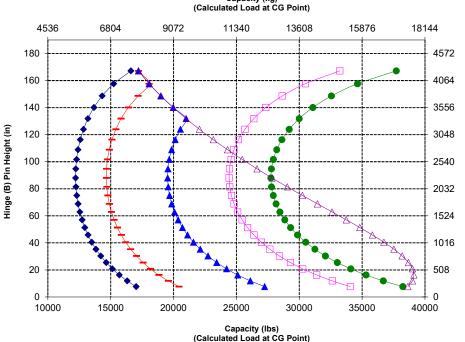
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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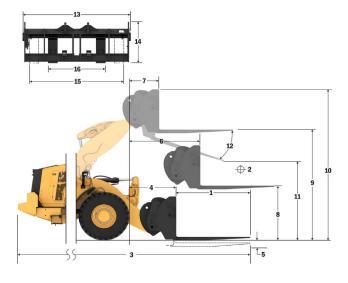
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

Fork Specifications

		mm	2438
1	Tine Length	in	96.0
2	Load Center	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	11448
		lbs	2523
	Static Tipping Load - Articulated (Forks Level)	kg lbs	1006 2217
		ka	5030
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	1108
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6036
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	1330
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6207
	Trace Load (OEIV EIV +7+ O T IIIII and Ecvel Ordana - 00 /01 101E)	lbs	1368
3	Maximum Overall Length	mm	1039
		in mm	409.1
4	Reach with Forks at Ground Level	in	42.4
_		mm	-87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
٠	Reach with Airis Honzontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818
		in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1970 77.5
		mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
10	Overall Height of Fork at Full Lift (top of carnage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	1899
•••	Oldardiloo de l'all' Elit dila Max Bamp	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
_	· · · · · ·	in	99.5
14	Overall Carriage Height	mm in	44.5
	O C C T T WENT ()	mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Outside Tille Width (Hill Spieda)	in	22.7
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	1130
	Tine Capacity	lbs	2490
	Operating Weight	kg	2343
	Operating Weight	lbs	5165

966 AGG	96" Carriage	96" Tine
Construction Fork, Fusion	520-7957	520-7981



Hinge (B) Pin Height (mm)

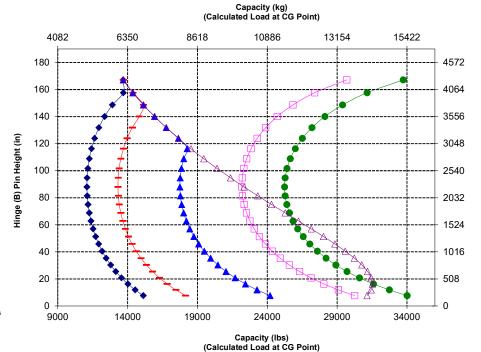


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

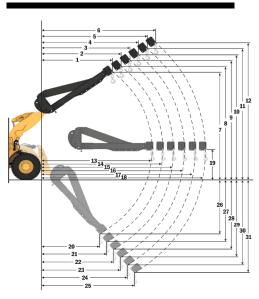
^{*}Negative values indicate below grade

Material Handling Arm Specifications

966 STD

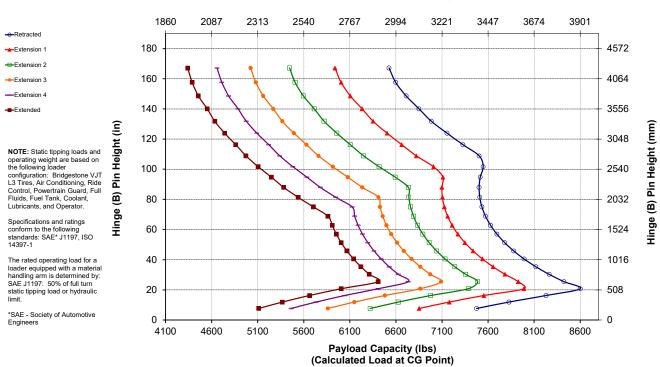
Fusion Material Handling Arm

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Mary Life Hardy December (4, 2, 2, 4, 5, 6)	mm	1,823	1,936	2,049	2,162	2,275	2,388
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	ft, in	5' 11"	6' 4"	6' 8"	7' 1"	7' 5"	7' 10"
March 16 - Handalla Ind. (7, 0, 0, 40, 44, 40)	mm	7,218	7,501	7,784	8,067	8,350	8,633
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	23' 8"	24' 7"	25' 6"	26' 5"	27' 4"	28' 3"
Level Healt Decel (42, 44, 45, 46, 47, 40)	mm	4,553	4,858	5,162	5,467	5,772	6,077
Level - Hook Reach (13, 14, 15, 16, 17, 18)	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
Local Harbitata (40)	mm	1,937	1,937	1,937	1,937	1,937	1,937
Level - Hook Height (19)	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	mm	1,720	1,852	1,983	2,114	2,245	2,377
Will Litt - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	5' 7"	6' 0"	6' 6"	6' 11"	7' 4"	7' 9"
Min 1/8 - 11 - 11 11 11 11 11 11 11 11 11 11 11	mm	(2,871)	(3,146)	(3,421)	(3,696)	(3,971)	(4,246)
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Static Tipping Load, Straight	kg	7,689	7,275	6,902	6,564	6,258	5,977
Static Tipping Load, Straight	lb	16,947	16,033	15,211	14,468	13,792	13,174
	kg	6,830	6,461	6,129	5,829	5,556	5,306
Static Tipping Load, Articulated	lb	15,053	14,240	13,509	12,847	12,245	11,695
Operating Weight	kg	21,986	21,986	21,986	21,986	21,986	21,986
Operating Weight	lb	48,456	48,456	48,456	48,456	48,456	48,456



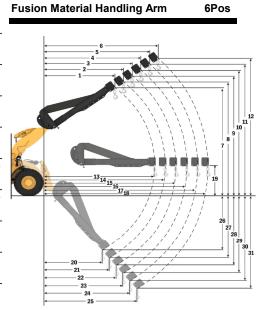
6Pos

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



Material Handling Arm Specifications

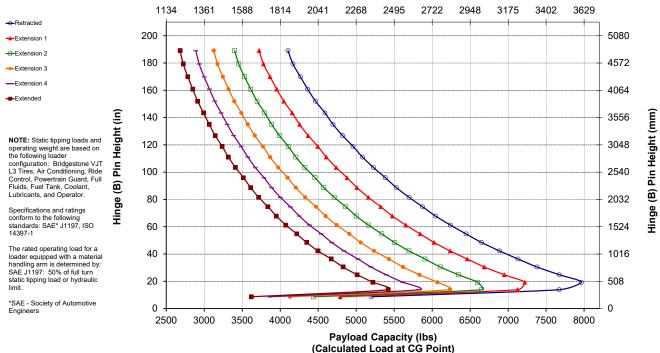
MILA Considerations							
MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	mm	1,273	1,336	1,399	1,462	1,525	1,589
	ft, in	4' 2"	4' 4"	4' 7"	4' 9"	5' 0"	5' 2"
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	mm	7,975	8,273	8,572	8,870	9,168	9,466
	ft, in	26' 1"	27' 1"	28' 1"	29' 1"	30' 0"	31' 0"
Level - Hook Reach (13, 14, 15, 16, 17, 18)	mm	4,957	5,262	5,567	5,871	6,176	6,481
Level - Hook Readif (15, 14, 15, 16, 17, 16)	ft, in	16' 3"	17' 3"	18' 3"	19' 3"	20' 3"	21' 3"
Level - Hook Height (19)	mm	1,937	1,937	1,937	1,937	1,937	1,937
	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	mm	(413)	(529)	(645)	(761)	(877)	(993)
Will Lift - 1100K (Yeach (20, 21, 22, 23, 24, 23)	ft, in	-1' 7"	-1' 3"	-2' 10"	-2' 6"	-2' 1"	-3' 8"
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	mm	(2,737)	(3,019)	(3,301)	(3,583)	(3,864)	(4,146)
Will Lift - Hook Height (20, 21, 26, 29, 30, 31)	ft, in	-8' 0"	-9' 1"	-10' 2"	-11' 2"	-12' 3"	-13' 4"
Static Tipping Load, Straight	kg	8,280	7,864	7,487	7,143	6,829	6,541
State Tipping Load, Straight	lb	18,249	17,332	16,500	15,744	15,051	14,416
Static Tipping Load Articulated	kg	7,283	6,917	6,584	6,282	6,005	5,751
Static Tipping Load, Articulated	lb	16,053	15,244	14,512	13,845	13,235	12,675
Operating Weight	kg	23,638	23,638	23,638	23,638	23,638	23,638
Operating Weight	lb	52,098	52,098	52,098	52,098	52,098	52,098



966

HL

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

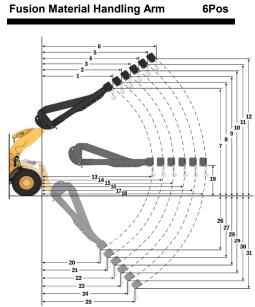


AGG

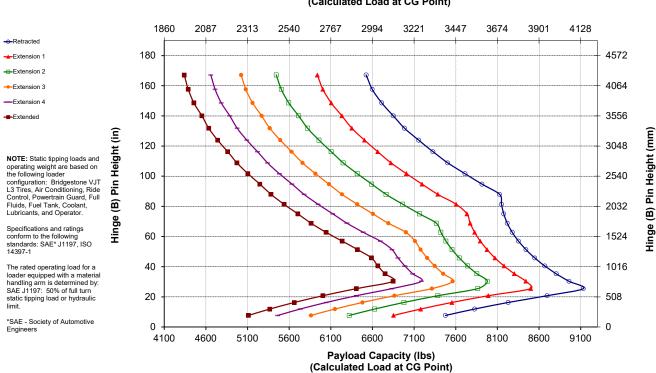
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Material Handling Arm Specifications

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	mm	1,823	1,936	2,049	2,162	2,275	2,388
IVIAX LIII - 1100K Nedolii (1, 2, 3, 4, 3, 0)	ft, in	5' 11"	6' 4"	6' 8"	7' 1"	7' 5"	7' 10"
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	mm	7,218	7,501	7,784	8,067	8,350	8,633
Max Liit - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	23' 8"	24' 7"	25' 6"	26' 5"	27' 4"	28' 3"
Level - Hook Reach (13, 14, 15, 16, 17, 18)	mm	4,553	4,858	5,162	5,467	5,772	6,077
Level - Hook Reach (13, 14, 15, 16, 17, 16)	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
Level - Hook Height (19)	mm	1,937	1,937	1,937	1,937	1,937	1,937
	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
	mm	1,720	1,852	1,983	2,114	2,245	2,377
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	5' 7"	6' 0"	6' 6"	6' 11"	7' 4"	7' 9"
Min Life Hank Haints (20, 27, 20, 20, 20, 24)	mm	(2,871)	(3,146)	(3,421)	(3,696)	(3,971)	(4,246)
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Chatia Timping Land Charinha	kg	8,375	7,925	7,519	7,153	6,819	6,515
Static Tipping Load, Straight	lb	18,459	17,466	16,573	15,764	15,029	14,358
Challe Transfer Land Advantage	kg	7,415	7,016	6,656	6,331	6,035	5,765
Static Tipping Load, Articulated	lb	16,343	15,463	14,670	13,953	13,301	12,706
On continue Majorita	kg	22,637	22,637	22,637	22,637	22,637	22,637
Operating Weight	lb	49,891	49,891	49,891	49,891	49,891	49,891



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



Standard and Optional Equipment

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

	Standard	Optional
OPERATOR ENVIRONMENT		
Cab, pressurized, sound suppression	✓	
Door, remote opening system	✓	
EH implement controls, parking brake	✓	
Footrest		✓
Steering, joystick	✓	
Implement joystick (2V, 3V only)		✓
Entertainment radio (FM, AM, USB, BT)		✓
Entertainment radio (DAB+)		✓
CB radio ready		✓
Seat, suede/cloth, air suspension, heated	✓	
Seat, leather/cloth, air suspension, heated/cooled		✓
Touchscreen display	✓	
Keypad, programmable buttons	✓	
Mirrors, heated	✓	
Air conditioner, heater, defroster (auto temp, fan)	✓	
Sun visor, front, retractable	✓	
Sun visor, rear, retractable	✓	
Windows, front, laminated	✓	
Windows, front, heavy duty		✓
Full cab window guard		✓
ON-BOARD TECHNOLOGIES		
Autodig with Auto Set Tires	✓	
Operator ID and machine security	✓	
Application Profiles	✓	
Job Aids	✓	
Controls Help and eOMM*	✓	
Cat Payload	✓	
Cat Advanced Payload		✓
Cat Payload for Trade****		✓
Cat Payload Printer with E-ticket ¹		✓
Dispatch for Loading ¹		✓
Key Features Inform	✓	
Bucket Carry Display Widget	✓	
Remote Services	✓	

Tor details.		
	Standard	Optional
HYDRAULICS		
Implement system, load sensing with electro-hydraulic variable displacement piston pump	✓	
Steering system, load sensing with dedicated variable displacement piston pump	✓	
Ride control, dual accumulators	✓	
3 rd and 4 th auxiliary functions with ride control		✓
Oil sampling valves, Cat XT™ hoses	✓	
Quick coupler control		✓
POWERTRAIN		
Cat C9.3B 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, auto front differential lock	✓	
Axles, auto front and rear differential locks		✓
Axles, ecology drains	✓	
Axles, AOC ready, extreme temperature seals		✓
Axles, oil cooler		✓
Transmission, continuous variable	✓	
Rimpull control	✓	
Throttle lock mode	✓	
Hill and speed hold on grades	✓	
Service brakes, hydraulic, fully enclosed wet disc, wear indicators	✓	
Park brake, caliper on front axles, spring applied-pressure released	✓	
ELECTRICAL		
Starting and charging system, 24V	✓	
Starter, electric, heavy duty	✓	
Cold start, 120V or 240V		✓
Lights: halogen, 4 work lights, 2 rearview lights	✓	
Lights: roading with turn signals	✓	
Lights: LED		✓

(continued on next page)

^{*} Not available in all languages

^{**} Standard where mandated

^{***} Not Compatible with roading arrangements

^{****} Available in Europe and Australia. Country certifications vary. Contact your Cat dealer for more information.

¹Subscription required

Standard and Optional Equipment (continued)

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

	Standard	Optional
MONITORING SYSTEM		
Front dash with analog gauges, LCD display, and warning lights	✓	
Primary touchscreen monitor (Cat Payload, quad screens, machine settings and messages)	✓	
Tire pressure monitor		✓
Maintenance reminders	✓	
LINKAGE		
Standard lift, Z-bar	✓	
High lift, Z-bar		✓
Kickouts: lift and tilt	✓	
ADDITIONAL EQUIPMENT		
Cat Autolube system		✓
Fenders, roading		✓
Guards: powertrain, crankcase, cab, cylinders, rear		✓
Biodegradable hydraulic oil		✓
High-speed oil change system		✓
Rear cab access		✓
Single Life Cutting Edge GET		✓
Toolbox		✓

	Standard	Optional
SAFETY		
Seat belt reminder	✓	
2-point seat belt	✓	
4-point seat belt (kit)		✓
Rear vision camera	✓	
Rear vision camera, dedicated		✓
Seat belt indicator lamp		✓
Surround vision, dedicated		✓
Window cleaning platform, front		✓
Collision warning system		✓
Collision mitigation system		✓
Reverse strobe lights***		✓
Warning beacon		✓
Secondary steering system, electrical**		✓
Wheel chocks		✓
Cat Command remote control		✓
PECIAL CONFIGURATIONS		
Aggregate handler		✓
Waste and industrial		✓
Forestry		✓
Corrosion resistant		✓

^{*} Not available in all languages

^{**} Standard where mandated

^{***} Not Compatible with roading arrangements

^{****} Available in Europe and Australia. Country certifications vary. Contact your Cat dealer for more information.

¹Subscription required

966 XE 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

- Cat® C9.3B engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with 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.

- * While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use
- ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.
- ***Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

- If equipped with R134a (Global Warming Potential = 1430), the system contains 1.600 kg (3.5 lb) of refrigerant which has a CO₂ equivalent of 2.288 metric tonnes (2.522 tons).
- If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 1.389 kg (3.1 lb) of refrigerant which has a CO₂ equivalent of 0.001 metric tonnes (0.001 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 $\leq 0.01\%$
- Cadmium < 0.01%
- Chromium < 0.01%
- Lead < 0.01%

Sound Performance

Operator Sound Pressure Level (ISO 6396:2008)	67 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	107 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	67 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	105 dB(A)

^{*}Including countries that adopt the EU and UK Directives

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 HYDOTM 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.
- Deep integration of continuously variable transmission, engine, hydraulic, and cooling systems increases performance and fuel efficiency
- Automatic engine idle shutdown system reduces idle hours
- Automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF), and Diesel Exhaust Fluid (DEF) tank and pump
- Autodig with Auto Set Tires provides consistent high bucket fill factors
- Extended maintenance intervals reduce fluid and filter consumption

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	68.65%
Iron	17.15%
Nonferrous Metal	2.46%
Mixed Metal	0.27%
Mixed-Metal and Nonmetal	0.59%
Plastic	1.13%
Rubber	4.92%
Mixed Nonmetallic	0.02%
Fluid	1.69%
Other	3.11%
Uncategorized	0%
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%

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



966 XE

Waste and Scrap Handler

The Cat® 966 XE 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 C9.3B 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

- 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.

Superior Fuel Efficiency and Productivity

- · Low fuel burn for exceptional efficiency.
- Deep system integration of the Cat continuously variable transmission, engine, hydraulic, and cooling systems results in significantly increased performance and fuel efficiency.
- Eliminating the torque converter allows the capability to control engine rpm and machine speed independently, resulting in efficient digging, fine control, and easy operation.
- Lower rated engine speed reduces component wear and operating noise.
- 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.

Safety Features

- Rear Vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional Surround Vision provides 360° visibility around the machine, enhancing an operator's situational awareness.
- Collision Mitigation System utilizes an integrated and intelligent sensor array to provide reverse collision warnings, detect people, inhibit motion, and enable automatic emergency braking.
- Cat Command remote control lets operators work safely from a distance.
- Cab access with wide door, optional remote door opening, and stair-like steps adds solid stability.
- Floor-to-ceiling windshield and large mirrors with integrated spot mirrors provide industry leading all-around visibility.

Reduced Maintenance Time and Costs

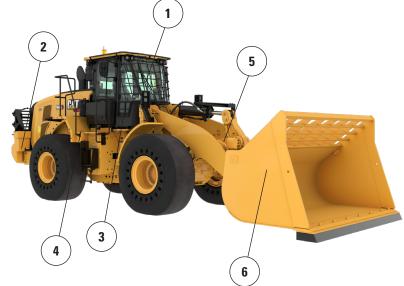
- Extended fluid and filter change intervals help to reduce maintenance costs.
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash 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.

Work in Comfort in the All New Cab

- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurize 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. An HMU steering wheel is also available.

966 XE Waste and Scrap Handler Features

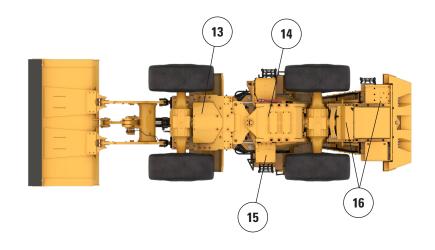
- Optional window guarding to provide impact resistance to the glass
- 2. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
- 3. Carbon cab air filter removes harsh odors
- Optional powered cab precleaner helps to improve cab filter life and keeps the cab pressurized
- 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
- 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
- Optional turbine engine air precleaner with a trash screen option help 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
- Lower hydraulic service center guard protects the transmission filter and keep trash out of the service center
- Rear crankcase and platform guards keeps trash and debris out



Tire Options

Tire Brand	BRAWLER HPS SMOOTH	BRAWLER HPS TRACTION	BRIDGESTONE	MICHELIN	MAXAM
Tire Size	26.5R25	26.5R25	26.5R25	26.5R25	26.5R25
Tread Type	N/A	N/A	L3	L3	L3
Tread Pattern	SMOOTH	TRACTION	VJT	XHA2	MS302
Casing Strength	N/A	N/A	*	**	**
Width over Tires – Maximum (empty)*	2959 mm 9'9"	2959 mm 9'9"	2978 mm 9'10"	2986 mm 9'10"	2972 mm 9'9"
Width over Tires – Maximum (loaded)*	2968 mm 9'9"	2968 mm 9'9"	3012 mm 9'11"	3016 mm 9'11"	2947 mm 9'9"
Change in Vertical Dimensions		-3 mm	-37 mm	-48 mm	-23 mm
(average of front and rear)		-0.1"	-1.5"	-1.9"	-0.9"
Change in Horizontal Reach		0 mm 0"	-11 mm -0.4"	-8 mm -0.3"	-18 mm -0.7"
Change in Clearance Circle to Outside of Tires		0 mm 0"	44 mm 1.7"	48 mm 1.9"	-21 mm -0.8"
Change in Clearance Circle to Inside of Tires		0 mm 0"	-44 mm -1.7"	-48 mm -1.9"	21 mm 0.8"
Change in Operating Weight (without Ballast)		-224 kg -494 lb	-4300 kg -9,482 lb	-4464 kg -9,843 lb	-4316 kg -9,517 lb
Change in Static Tipping Load – Straight		-162 kg -358 lb	-3118 kg -6,874 lb	-3236 kg -7,136 lb	-3129 kg -6,900 lb
Change in Static Tipping Load – Articulated		-144 kg -319 lb	-2774 kg -6,116 lb	-2879 kg -6,349 lb	-2784 kg -6,138 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±13 degrees	±13 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	310 mm 1'1"	310 mm 1'1"	502 mm 1'8"	502 mm 1'8"	502 mm 1'8"

^{*}Width over tire bulge and includes tire growth.

Linkage			Standard Linkage	
Bucket Type		G	ieneral Purpose – Hook-On – Fusion	1
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	4.20	4.20	4.00
	yd³	5.50	5.50	5.25
Capacity - Rated at 110% Fill Factor	m^3	4.60	4.60	4.40
	yd^3	6.00	6.00	5.75
Width	mm	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"
6† Dump Clearance at Maximum Lift	mm	2998	2844	2844
and 45° Discharge	ft/in	9'10"	9'3"	9'3"
7 † Reach at Maximum Lift and	mm	1406	1544	1544
45° Discharge	ft/in	4'7"	5'0"	5'0"
Reach at Level Lift Arm and	mm	2866	3070	3070
Bucket Level	ft/in	9'4"	10'0"	10'0"
A† Digging Depth	mm	78	78	48
	in	3.0"	3.0"	1.9"
2† Overall Length	mm	8767	8993	8993
	ft/in	28'10"	29'7"	29'7"
B† Overall Height with Bucket at	mm	5998	5998	5998
Maximum Lift	ft/in	19'9"	19'9"	19'9"
Loader Clearance Circle Radius	mm	7539	7629	7629
with Bucket at Carry Position	ft/in	24'9"	25'1"	25'1"
Static Tipping Load, Straight	kg	19 632	19 449	19 814
(With tire deflection)	lb	43,280	42,877	43,682
Static Tipping Load, Straight	kg	21 122	20 937	21 319
(No tire deflection)	lb	46,554	46,146	46,988
Static Tipping Load,	kg	17 832	17 649	18 001
Articulated (With tire deflection)	lb	39,313	38,910	39,685
Static Tipping Load, Articulated	kg	19 330	19 145	19 513
(No tire deflection)	lb	42,604	42,196	43,007
Breakout Force(§)	kN	166	165	176
	lbf	37,424	37,081	39,622
Operating Weight*	kg	28 578	28 716	28 553
	lb	62,985	63,289	62,930

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

Linkage	Standard Linkage						
Bucket Type	General Purpose – Hook-On – Fusion					on	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m^3	3.80	3.80	3.60	4.60	4.60	4.40
	yd^3	5.00	5.00	4.75	6.00	6.00	5.75
Capacity - Rated at 110% Fill Factor	m^3	4.20	4.20	4.00	5.10	5.10	4.80
	yd^3	5.50	5.50	5.25	6.75	6.75	6.25
Width	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
6† Dump Clearance at Maximum Lift	mm	3076	2924	2924	2985	2831	2831
and 45° Discharge	ft/in	10'1"	9'7"	9'7"	9'9"	9'3"	9'3"
7† Reach at Maximum Lift and	mm	1335	1474	1474	1409	1546	1546
45° Discharge	ft/in	4'4"	4'10"	4'10"	4'7"	5'0"	5'0"
Reach at Level Lift Arm and	mm	2756	2961	2961	2876	3081	3081
Bucket Level	ft/in	9'0"	9'8"	9'8"	9'5"	10'1"	10'1"
A† Digging Depth	mm	86	86	56	85	85	55
	in	3.4"	3.4"	2.2"	3.3"	3.3"	2.1"
2 † Overall Length	mm	8664	8890	8890	8783	9009	9009
	ft/in	28'6"	29'2"	29'2"	28'10"	29'7"	29'7"
B † Overall Height with Bucket at	mm	5841	5841	5841	6076	6076	6076
Maximum Lift	ft/in	19'2"	19'2"	19'2"	20'0"	20'0"	20'0"
Loader Clearance Circle Radius	mm	7513	7602	7602	7545	7635	7635
with Bucket at Carry Position	ft/in	24'8"	25'0"	25'0"	24'10"	25'1"	25'1"
Static Tipping Load, Straight	kg	19 940	19 758	20 132	19 767	19 611	19 971
(With tire deflection)	lb	43,960	43,559	44,383	43,644	43,234	44,028
Static Tipping Load, Straight	kg	21 432	21 248	21 639	21 345	21 157	21 536
(No tire deflection)	lb	47,237	46,831	47,692	47,046	46,630	47,466
Static Tipping Load,	kg	18 123	17 941	18 300	17 972	17 786	18 133
Articulated (With tire deflection)	lb	39,954	39,553	40,345	39,621	39,212	39,976
Static Tipping Load, Articulated	kg	19 622	19 437	19 813	19 526	19 338	19 704
(No tire deflection)	lb	43,247	42,840	43,669	43,037	42,621	43,428
Breakout Force(§)	kN	181	179	192	164	163	174
	lbf	40,682	40,332	43,265	37,052	36,706	39,210
Operating Weight*	kg	28 515	28 653	28 489	28 692	28 830	28 667
- - -	lb	62,846	63,150	62,790	63,237	63,541	63,181

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

Linkage				Standard Linkage	9	
Bucket Type		General Purpose – Pin-On				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Tips
Capacity – Rated	m^3	4.60	4.60	4.40	3.80	3.60
	yd^3	6.00	6.00	5.75	5.00	4.75
Capacity - Rated at 110% Fill Factor	m^3	5.10	5.10	4.80	4.20	4.00
	yd^3	6.75	6.75	6.25	5.50	5.25
Width	mm	3264	3301	3301	3220	3271
	ft/in	10'8"	10'9"	10'9"	10'6"	10'8"
16† Dump Clearance at Maximum Lift	mm	3015	2857	2857	3105	2953
and 45° Discharge	ft/in	9'10"	9'4"	9'4"	10'2"	9'8"
17† Reach at Maximum Lift and	mm	1372	1508	1508	1300	1440
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'3"	4'8"
Reach at Level Lift Arm and	mm	2829	3035	3035	2712	2916
Bucket Level	ft/in	9'3"	9'11"	9'11"	8'10"	9'6"
A† Digging Depth	mm	86	86	56	86	56
, 66 6 1	in	3.4"	3.4"	2.2"	3.4"	2.2"
2 † Overall Length	mm	8737	8968	8968	8620	8846
	ft/in	28'8"	29'6"	29'6"	28'4"	29'1"
B† Overall Height with Bucket at	mm	6049	6049	6049	5815	5815
Maximum Lift	ft/in	19'11"	19'11"	19'11"	19'1"	19'1"
Loader Clearance Circle Radius	mm	7538	7619	7619	7488	7573
with Bucket at Carry Position	ft/in	24'9"	25'0"	25'0"	24'7"	24'11"
Static Tipping Load, Straight	kg	20 322	20 014	20 393	20 562	20 599
(With tire deflection)	lb	44,803	44,123	44,958	45,332	45,414
Static Tipping Load, Straight	kg	21 884	21 570	21 966	22 086	22 106
(No tire deflection)	lb	48,234	47,541	48,413	48,678	48,722
Static Tipping Load,	kg	18 481	18 174	18 537	18 722	18 751
Articulated (With tire deflection)	lb	40,743	40,066	40,868	41,274	41,339
Static Tipping Load, Articulated	kg	20 049	19 735	20 116	20 251	20 263
(No tire deflection)	lb	44,189	43,498	44,336	44,635	44,661
Breakout Force(§)	kN	170	167	179	187	200
	lbf	38,334	37,661	40,281	42,203	44,976
Operating Weight*	kg	28 291	28 463	28 302	28 100	28 074
- r	lb	62,352	62,731	62,376	61,931	61,875
	10	02,002	0=,,51	0=,570	01,751	01,075

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

Linkage	Standard Linkage						
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips		
Capacity – Rated	m^3	4.20	4.00	4.00	3.80		
	yd³	5.50	5.25	5.25	5.00		
Capacity – Rated at 110% Fill Factor	m^3	4.60	4.40	4.40	4.20		
	yd^3	6.00	5.75	5.75	5.50		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
16† Dump Clearance at Maximum Lift	mm	3029	2875	3096	2943		
and 45° Discharge	ft/in	9'11"	9'5"	10'1"	9'7"		
17† Reach at Maximum Lift and	mm	1361	1498	1307	1446		
45° Discharge	ft/in	4'5"	4'11"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	2811	3016	2723	2928		
Bucket Level	ft/in	9'2"	9'10"	8'11"	9'7"		
A† Digging Depth	mm	86	56	86	56		
. 66 6 7	in	3.4"	2.2"	3.4"	2.2"		
12† Overall Length	mm	8719	8945	8631	8857		
	ft/in	28'8"	29'5"	28'4"	29'1"		
B † Overall Height with Bucket at	mm	5926	5926	5926	5926		
Maximum Lift	ft/in	19'6"	19'6"	19'6"	19'6"		
Loader Clearance Circle Radius	mm	7513	7598	7491	7576		
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'7"	24'11"		
Static Tipping Load, Straight	kg	20 321	20 410	20 549	20 630		
(With tire deflection)	lb	44,800	44,996	45,302	45,482		
Static Tipping Load, Straight	kg	21 847	21 939	22 085	22 170		
(No tire deflection)	lb	48,152	48,354	48,677	48,863		
Static Tipping Load,	kg	18 489	18 565	18 704	18 772		
Articulated (With tire deflection)	lb	40,762	40,928	41,236	41,386		
Static Tipping Load, Articulated	kg	20 022	20 099	20 247	20 317		
(No tire deflection)	lb	44,130	44,298	44,625	44,778		
Breakout Force(§)	kN	173	184	185	197		
	lbf	39,032	41,412	41,747	44,465		
Operating Weight*	kg	28 208	28 182	28 152	28 126		
	lb	62,169	62,113	62,046	61,990		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

Linkage		Standard Linkage				
Bucket Type	Waste, Dozing – Type Pin-On		Waste, Load and Carry – Pin-On			
Edge Type		Steel Bolt-On Cutting Edges	Steel Bolt-On Cutting Edges			
Capacity – Rated	m ³	6.50	7.40			
	yd^3	8.50	9.75			
Capacity – Rated at 110% Fill Factor	m³	7.20	8.10			
	yd^3	9.50	10.50			
Width	mm	3357	3357			
	ft/in	11'0"	11'0"			
16† Dump Clearance at Maximum Lift	mm	2951	2670			
and 45° Discharge	ft/in	9'8"	8'9"			
17† Reach at Maximum Lift and	mm	1245	1526			
45° Discharge	ft/in	4'1"	5'0"			
Reach at Level Lift Arm and	mm	2802	3199			
Bucket Level	ft/in	9'2"	10'5"			
A† Digging Depth	mm	118	78			
	in	4.6"	3.0"			
12† Overall Length	mm	8736	9133			
	ft/in	28'8"	30'0"			
B † Overall Height with Bucket at	mm	6600	6377			
Maximum Lift	ft/in	21'8"	21'0"			
Loader Clearance Circle Radius	mm	7584	7686			
with Bucket at Carry Position	ft/in	24'11"	25'3"			
Static Tipping Load, Straight	kg	20 566	18 761			
(With tire deflection)	lb	45,340	41,361			
Static Tipping Load, Straight	kg	22 389	20 344			
(No tire deflection)	lb	49,345	44,840			
Static Tipping Load,	kg	18 643	16 970			
Articulated (With tire deflection)	lb	41,101	37,412			
Static Tipping Load, Articulated	kg	20 465	18 559			
(No tire deflection)	lb	45,106	40,905			
Breakout Force(§)	kN	169	136			
	lbf	38,181	30,669			
Operating Weight*	kg	28 905	29 129			
	lb	63,705	64,199			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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

Linkage		Standard Linkage	
Bucket Type		Waste, Top Clamp – Pin-On	
Edge Type		Steel Bolt-On Cutting Edges	
Capacity – Rated	m^3	5.00	
	yd³	6.50	
Capacity - Rated at 110% Fill Factor	m^3	5.50	
	yd³	7.25	
Width	mm	3357	
	ft/in	11'0"	
16† Dump Clearance at Maximum Lift	mm	2457	
and 45° Discharge	ft/in	8'0"	
17† Reach at Maximum Lift and	mm	1740	
45° Discharge	ft/in	5'8"	
Reach at Level Lift Arm and	mm	3501	
Bucket Level	ft/in	11'5"	
A† Digging Depth	mm	78	
	in	3.0"	
12† Overall Length	mm	9435	
	ft/in	31'0"	
B [†] Overall Height with Bucket at	mm	5516	
Maximum Lift	ft/in	18'2"	
Loader Clearance Circle Radius	mm	7768	
with Bucket at Carry Position	ft/in	25'6"	
Static Tipping Load, Straight	kg	16 608	
(With tire deflection)	lb	36,615	
Static Tipping Load, Straight	kg	17 923	
(No tire deflection)	lb	39,503	
Static Tipping Load,	kg	14 949	
Articulated (With tire deflection)	lb	32,956	
Static Tipping Load, Articulated	kg	16 275	
(No tire deflection)	lb	35,872	
Breakout Force(§)	kN	112	
	lbf	25,206	
Operating Weight*	kg	29 916	
	lb	65,933	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

(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.

[†] 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.

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	4.20	4.20	4.00	3.80	3.80	3.60
	yd^3	5.50	5.50	5.25	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60	4.40	4.20	4.20	4.00
	yd^3	6.00	6.00	5.75	5.50	5.50	5.25
Width	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
16† Dump Clearance at Maximum Lift	mm	3556	3402	3402	3634	3482	3482
and 45° Discharge	ft/in	11'8"	11'1"	11'1"	11'11"	11'5"	11'5"
17† Reach at Maximum Lift and	mm	1382	1519	1519	1310	1450	1450
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'3"	4'9"	4'9"
Reach at Level Lift Arm and	mm	3270	3475	3475	3160	3365	3365
Bucket Level	ft/in	10'8"	11'4"	11'4"	10'4"	11'0"	11'0"
A† Digging Depth	mm	53	53	23	61	61	31
	in	2.1"	2.1"	0.9"	2.4"	2.4"	1.2"
12† Overall Length	mm	9274	9496	9496	9170	9392	9392
	ft/in	30'6"	31'2"	31'2"	30'2"	30'10"	30'10"
B † Overall Height with Bucket at	mm	6556	6556	6556	6399	6399	6399
Maximum Lift	ft/in	21'7"	21'7"	21'7"	21'0"	21'0"	21'0"
Loader Clearance Circle Radius	mm	7778	7878	7878	7747	7845	7845
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'11"	25'5"	25'9"	25'9"
Static Tipping Load, Straight	kg	16 503	16 328	16 638	16 725	16 550	16 865
(With tire deflection)	1b	36,383	35,996	36,680	36,872	36,487	37,182
Static Tipping Load, Straight	kg	17 608	17 431	17 750	17 825	17 648	17 972
(No tire deflection)	lb	38,809	38,418	39,122	39,286	38,896	39,611
Static Tipping Load,	kg	14 933	14 757	15 058	15 144	14 969	15 274
Articulated (With tire deflection)	lb	32,921	32,534	33,197	33,386	33,000	33,674
Static Tipping Load, Articulated	kg	16 053	15 875	16 185	16 258	16 081	16 395
(No tire deflection)	lb	35,381	34,990	35,672	35,832	35,442	36,135
Breakout Force (§)	kN	154	152	162	167	165	177
	lbf	34,684	34,165	36,535	37,665	37,129	39,857
Operating Weight*	kg	28 813	28 951	28 788	28 750	28 888	28 725
-	lb	63,504	63,808	63,448	63,364	63,668	63,308

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

966 XE Waste and Scrap Handler Specifications

Linkage			High Li	ft Linkage			
Bucket Type		General Pu	rpose – Hook-O	n – Fusion	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	4.60	4.60	4.40	4.60	4.60	4.40
	yd^3	6.00	6.00	5.75	6.00	6.00	5.75
Capacity – Rated at 110% Fill Factor	m ³	5.10	5.10	4.80	5.10	5.10	4.80
	yd^3	6.75	6.75	6.25	6.75	6.75	6.25
Width	mm	3220	3271	3271	3264	3301	3301
	ft/in	10'6"	10'8"	10'8"	10'8"	10'9"	10'9"
16† Dump Clearance at Maximum Lift	mm	3543	3389	3389	3573	3415	3415
and 45° Discharge	ft/in	11'7"	11'1"	11'1"	11'8"	11'2"	11'2"
17† Reach at Maximum Lift and	mm	1384	1522	1522	1348	1483	1483
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'5"	4'10"	4'10"
Reach at Level Lift Arm and	mm	3280	3485	3485	3233	3439	3439
Bucket Level	ft/in	10'9"	11'5"	11'5"	10'7"	11'3"	11'3"
A† Digging Depth	mm	60	60	30	61	61	31
	in	2.3"	2.3"	1.1"	2.4"	2.4"	1.2"
12† Overall Length	mm	9289	9511	9511	9243	9469	9469
	ft/in	30'6"	31'3"	31'3"	30'4"	31'1"	31'1"
B † Overall Height with Bucket at	mm	6634	6634	6634	6607	6607	6607
Maximum Lift	ft/in	21'10"	21'10"	21'10"	21'9"	21'9"	21'9"
Loader Clearance Circle Radius	mm	7784	7884	7884	7772	7863	7863
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'11"	25'6"	25'10"	25'10"
Static Tipping Load, Straight	kg	16 608	16 430	16 739	17 084	16 800	17 117
(With tire deflection)	lb	36,615	36,222	36,903	37,664	37,037	37,737
Static Tipping Load, Straight	kg	17 751	17 570	17 891	18 235	17 947	18 273
(No tire deflection)	lb	39,124	38,726	39,432	40,191	39,555	40,274
Static Tipping Load,	kg	15 018	14 840	15 139	15 482	15 199	15 506
Articulated (With tire deflection)	lb	33,108	32,716	33,376	34,132	33,507	34,184
Static Tipping Load, Articulated	kg	16 174	15 994	16 305	16 648	16 359	16 675
(No tire deflection)	lb	35,649	35,251	35,936	36,692	36,057	36,753
Breakout Force(§)	kN	152	150	160	157	153	164
	lbf	34,285	33,768	36,100	35,467	34,587	37,021
Operating Weight*	kg	28 927	29 065	28 902	28 526	28 698	28 537
-	lb	63,755	64,059	63,700	62,870	63,249	62,894

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

966 XE Waste and Scrap Handler Specifications

Linkage			High Lift l	inkage			
Bucket Type				General Purpo	se – Pin-On		
Edge Type		Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips
Capacity – Rated	m ³	3.80	3.60	4.20	4.00	4.00	3.80
	yd³	5.00	4.75	5.50	5.25	5.25	5.00
Capacity – Rated at 110% Fill Factor	m ³	4.20	4.00	4.60	4.40	4.40	4.20
	yd^3	5.50	5.25	6.00	5.75	5.75	5.50
Width	mm	3220	3271	3220	3271	3220	3271
	ft/in	10'6"	10'8"	10'6"	10'8"	10'6"	10'8"
16† Dump Clearance at Maximum Lift	mm	3663	3511	3587	3433	3654	3501
and 45° Discharge	ft/in	12'0"	11'6"	11'9"	11'3"	11'11"	11'5"
17† Reach at Maximum Lift and	mm	1276	1415	1336	1474	1283	1422
45° Discharge	ft/in	4'2"	4'7"	4'4"	4'10"	4'2"	4'7"
Reach at Level Lift Arm and	mm	3116	3321	3215	3420	3128	3332
Bucket Level	ft/in	10'2"	10'10"	10'6"	11'2"	10'3"	10'11"
A† Digging Depth	mm	61	31	61	31	61	31
	in	2.4"	1.2"	2.4"	1.2"	2.4"	1.2"
12† Overall Length	mm	9125	9347	9225	9447	9137	9359
	ft/in	30'0"	30'8"	30'4"	31'0"	30'0"	30'9"
B † Overall Height with Bucket at	mm	6373	6373	6484	6484	6484	6484
Maximum Lift	ft/in	20'11"	20'11"	21'4"	21'4"	21'4"	21'4"
Loader Clearance Circle Radius	mm	7718	7812	7747	7842	7721	7815
with Bucket at Carry Position	ft/in	25'4"	25'8"	25'5"	25'9"	25'4"	25'8"
Static Tipping Load, Straight	kg	17 281	17 283	17 090	17 135	17 264	17 304
(With tire deflection)	lb	38,098	38,102	37,676	37,776	38,061	38,149
Static Tipping Load, Straight	kg	18 401	18 387	18 215	18 258	18 393	18 431
(No tire deflection)	lb	40,556	40,525	40,146	40,241	40,539	40,622
Static Tipping Load,	kg	15 682	15 680	15 497	15 532	15 662	15 693
Articulated (With tire deflection)	lb	34,573	34,569	34,164	34,243	34,529	34,597
Static Tipping Load, Articulated	kg	16 817	16 798	16 636	16 669	16 806	16 833
(No tire deflection)	lb	37,065	37,024	36,667	36,739	37,041	37,101
Breakout Force(§)	kN	173	184	160	169	172	182
	lbf	39,085	41,447	36,129	38,141	38,656	40,968
Operating Weight*	kg	28 335	28 310	28 443	28 418	28 387	28 362
	lb	62,450	62,394	62,688	62,632	62,564	62,508

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.

966 XE Waste and Scrap Handler Specifications

Linkage		High Lift Linkage					
Bucket Type		Waste, Dozing – Pin-On	Waste, Load and Carry – Pin-On	Waste, Top Clamp - Pin-On			
Edge Type		Steel Bolt-On Cutting Edges	Steel Bolt-On Cutting Edges	Steel Bolt-On Cutting Edges			
Capacity – Rated	m³	6.50	7.40	5.00			
	yd³	8.50	9.75	6.50			
Capacity – Rated at 110% Fill Factor	m ³	7.20	8.10	5.50			
	yd^3	9.50	10.50	7.25			
Width	mm	3357	3357	3357			
	ft/in	11'0"	11'0"	11'0"			
16† Dump Clearance at Maximum Lift	mm	3509	3228	3015			
and 45° Discharge	ft/in	11'6"	10'7"	9'10"			
17† Reach at Maximum Lift and	mm	1221	1501	1715			
45° Discharge	ft/in	4'0"	4'11"	5'7"			
Reach at Level Lift Arm and	mm	3206	3603	3905			
Bucket Level	ft/in	10'6"	11'9"	12'9"			
A† Digging Depth	mm	93	53	53			
	in	3.6"	2.0"	2.0"			
12† Overall Length	mm	9237	9634	9936			
	ft/in	30'4"	31'8"	32'8"			
B † Overall Height with Bucket at	mm	7158	6935	6074			
Maximum Lift	ft/in	23'6"	22'10"	20'0"			
Loader Clearance Circle Radius	mm	7817	7937	8032			
with Bucket at Carry Position	ft/in	25'8"	26'1"	26'5"			
Static Tipping Load, Straight	kg	17 196	15 798	13 948			
(With tire deflection)	1b	37,911	34,828	30,750			
Static Tipping Load, Straight	kg	18 524	16 982	14 948			
(No tire deflection)	1b	40,827	37,428	32,947			
Static Tipping Load,	kg	15 524	14 225	12 481			
Articulated (With tire deflection)	1b	34,225	31,361	27,516			
Static Tipping Load, Articulated	kg	16 863	15 423	13 499			
(No tire deflection)	1b	37,166	33,993	29,752			
Breakout Force(§)	kN	155	124	102			
	lbf	35,038	28,070	22,995			
Operating Weight*	kg	29 140	29 364	30 151			
	lb	64,224	64,717	66,452			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 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.



966 XE

Forestry Machine

The Cat® 966 XE Wheel Loader Forestry Package provides the additional performance, productivity, and safety that is demanded in the woods and the millyard.

Proven Reliability

- Cat C9.3B 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

- Forestry package includes a lift arm with additional weld treatments for added durability.
- Heavy-duty axles are designed to handle extreme applications.

Superior Fuel Efficiency and Productivity

- Low fuel burn for exceptional efficiency.
- Deep system integration of the Cat continuously variable transmission, engine, hydraulic, and cooling systems results in significantly increased performance and fuel efficiency.
- Eliminating the torque converter allows the capability to control engine rpm and machine speed independently, resulting in efficient digging, fine control, and easy operation.
- Lower rated engine speed reduces component wear and operating noise.
- Forestry package includes additional counterweight, a larger tilt cylinder, and increased tilt relief pressure to increase machine capacity over the base model.
- Optional variable pitch fan and high debris coolers minimize the potential for overheating and reduce downtime for radiator clean out in high debris applications.
- $\bullet\,$ Optional 3^{rd} and 4^{th} valve auxiliary hydraulics to control work tools requiring the additional function.

Safety Features

- Rear Vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional Surround Vision provides 360° visibility around the machine, enhancing an operator's situational awareness.
- Collision Mitigation System utilizes an integrated and intelligent sensor array to provide reverse collision warnings, detect people, inhibit motion, and enable automatic emergency braking.
- Cat Command remote control lets operators work safely from a distance.
- Cab access with wide door, optional remote door opening, and stair-like steps adds solid stability.
- Floor-to-ceiling windshield and large mirrors with integrated spot mirrors provide industry leading all-around visibility.

Reduced Maintenance Time and Costs

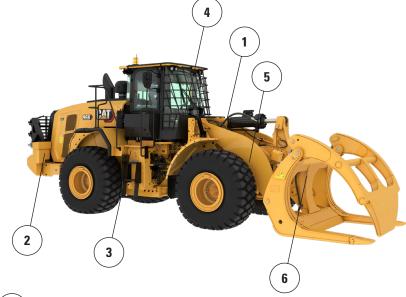
- Extended fluid and filter change intervals help to reduce maintenance costs.
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash 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.

Work in Comfort in the All New Cab

- Optional powered cabin precleaner filters the incoming air and pressurize 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. An HMU steering wheel is also available.

966 XE Forestry Machine Features

- Larger tilt cylinder and relief valves 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





- Optional variable pitch fan help to keep rear grill and cooling cores clean in high debris applications
- 7. Optional high debris/wide fin spacing cooling cores are less prone to plugging
- 8. Optional axle oil cooler provides lower axle oil temperatures in high braking applications
- 9. Optional engine and cab precleaners for use in high debris applications
- 10. Optional rear guard protects the rear grill and cooling package from impact

Tire Options

Tire Brand	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	MICHELIN	MICHELIN	MAXAM
Tire Size	26.5R25	26.5R25	775/65R29	26.5R25	775/65R29	26.5R25
Tread Type	L3	L4	L3	L3	L3	L3
Tread Pattern	VJT	VSNT	VTS	XHA2	XHA2	MS302
Casing Strength	*	*	*	**	*	**
Width over Tires – Maximum (empty)*	2978 mm 9'10"	2960 mm 9'9"	3046 mm 10'0"	2986 mm 9'10"	3019 mm 9'11"	2972 mm 9'9"
Width over Tires – Maximum (loaded)*	3012 mm 9'11"	2991 mm 9'10"	3070 mm 10'1"	3016 mm 9'11"	3049 mm 10'1"	2947 mm 9'9"
Change in Vertical Dimensions (average of front and rear)		26 mm 1.0"	11 mm 0.4"	-11 mm -0.4"	4 mm 0.1"	14 mm 0.5"
Change in Horizontal Reach		-21 mm -0.8"	-1 mm 0"	3 mm 0.1"	2 mm 0.1"	-7 mm -0.3"
Change in Clearance Circle to Outside of Tires		-21 mm -0.8"	58 mm 2.3"	5 mm 0.2"	38 mm 1.5"	-65 mm -2.6"
Change in Clearance Circle to Inside of Tires		21 mm 0.8"	-58 mm -2.3"	-5 mm -0.2"	-38 mm -1.5"	65 mm 2.6"
Change in Operating Weight (without Ballast)		460 kg 1,014 lb	692 lb 1,525 lb	-164 kg -362 lb	504 kg 1,110 lb	-16 kg -35 lb
Change in Static Tipping Load – Straight		334 kg 735 lb	501 kg 1,106 lb	-119 kg -262 lb	365 kg 805 lb	-12 kg -26 lb
Change in Static Tipping Load – Articulated		297 kg 654 lb	446 kg 984 lb	-106 kg -233 lb	325 kg 716 lb	-10 kg -23 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±13 degrees	±8 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	502 mm 1'8"	502 mm 1'8"	310 mm 1'1"	502 mm 1'8"	310 mm 1'1"	502 mm 1'8"

^{*}Width over tire bulge and includes tire growth.

Linkage		Forestry Li	nkage
Bucket Type		Woodchip – Hook-On – Fusion	Woodchip – Pin-On
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m ³	11.90	11.90
	yd^3	15.50	15.50
Capacity - Rated at 110% Fill Factor	m^3	13.10	13.10
	yd^3	17.25	17.25
Width	mm	3943	3943
	ft/in	12'11"	12'11"
6† Dump Clearance at Maximum Lift	mm	2442	2442
and 45° Discharge	ft/in	8'0"	8'0"
7† Reach at Maximum Lift and	mm	1771	1732
45° Discharge	ft/in	5'9"	5'8"
Reach at Level Lift Arm and	mm	3511	3483
Bucket Level	ft/in	11'6"	11'5"
A† Digging Depth	mm	106	134
	in	4.2"	5.3"
2† Overall Length	mm	9724	9719
	ft/in	31'11"	31'11"
† Overall Height with Bucket at	mm	6680	6689
Maximum Lift	ft/in	21'11"	22'0"
Loader Clearance Circle Radius	mm	8055	8026
with Bucket at Carry Position	ft/in	26'6"	26'4"
Static Tipping Load, Straight	kg	18 714	18 935
(With tire deflection)	1b	41,245	41,732
Static Tipping Load, Straight	kg	20 361	20 529
(No tire deflection)	lb	44,876	45,245
Static Tipping Load,	kg	16 151	16 399
Articulated (With tire deflection)	lb	35,597	36,143
Static Tipping Load, Articulated	kg	17 817	18 014
(No tire deflection)	lb	39,269	39,703
Breakout Force(§)	kN	139	141
	lbf	31,266	31,780
Operating Weight*	kg	26 085	25 620
	lb	57,490	56,465

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 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.

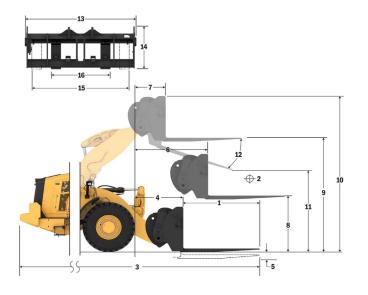
Fork Specifications

Fork Specifications

го	ik Specifications		
1	Tine Length	mm	1524
_		in mm	60.0 762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	14730
	otatio ripping 2000 ottaignt (romo 2010)	lbs	32464
	Static Tipping Load - Articulated (Forks Level)	kg	12970
		lbs ka	28586 6485
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14293
		kg	7782
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17151
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10376
	Rated Load (CEN EN 474-3 Fill and Level Glound - 60% F131L)	lbs	22868
3	Maximum Overall Length	mm	9527
	Maximum Overall Length	in	375.1
4	Reach with Forks at Ground Level	mm	1126
		in	44.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-166
	-	in mm	-6.5 1694
6	Reach with Arms Horizontal and Forks Level	in	66.7
		mm	826
7	Reach with Fork at Maximum Height	in	32.5
_	Construction of Time with Association and Ford Level	mm	1866
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
	Ground to Top of Time at Maximum Fleight and Fork Level	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	- 3 (1 3 3 7	in	186.0
11	Clearance at Full Lift and Max Dump	mm in	2652 104.4
12	Max Discharge Angle from Horizontal	deg	43
13	Overall Carriage Width	mm in	2217 87.3
	<u> </u>	mm	840
14	Overall Carriage Height	in	33.1
	O C C C T MCHI / D	mm	2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
10	Outside Title Width (Illin Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	Time Trialit (emgle time)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg lbs	6300
		kg	13885 23815
	Operating Weight	lbs	52488
		103	02400

 966 LOG
 87" Carriage
 60" Tine

 Pallet Fork, FUSION
 530-1861
 548-3265



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

regulive values indicate below grade

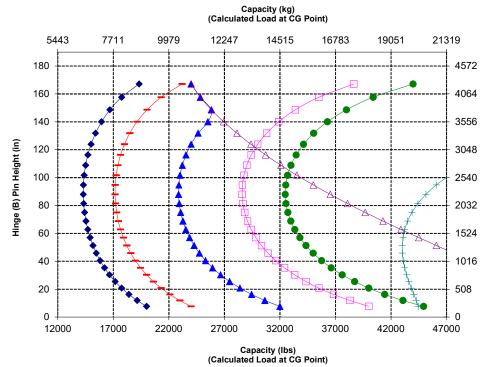


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

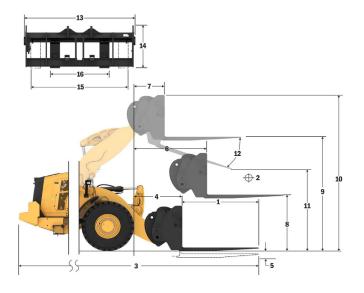


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications	tions
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10	rk Specifications		
1	Tine Length	mm in	1830 72.0
		mm	915
2	Load Center	in	36.0
	01 11 T 1 1 1 01 1 1 1 1 1 1 1 1 1 1 1 1	kg	14047
	Static Tipping Load - Straight (Forks Level)	lbs	30960
	0	kg	12364
	Static Tipping Load - Articulated (Forks Level)	lbs	27251
	D	ka	6182
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13625
		ka	7418
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	16350
		kg	9594
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	21146
		mm	9833
3	Maximum Overall Length	in	387.1
		mm	1126
4	Reach with Forks at Ground Level	in	44.3
		mm	-166
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.5
	·		
6	Reach with Arms Horizontal and Forks Level	mm	1694
		in	66.7
7	Reach with Fork at Maximum Height	mm	826
	<u> </u>	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
		in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
		in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	O Totali Floight of Fort at Fair (top of carriago to ground)	in	186.0
11	Clearance at Full Lift and Max Dump	mm	2444
• • •	Oldarande at Fair and Max Bamp	in	96.2
12	Max Discharge Angle from Horizontal	deg	43
12	Max Discharge Angle Irom Horizontal	deg	40
12	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
44	Overall Carriage Height	mm	840
14	Overali Carriage neight	in	33.1
45	Outside Time Midth (seem seemed)	mm	2070
15	Outside Tine Width (max spread)	in	81.5
40	Outside Ties (Midth (missessed))	mm	470
16	Outside Tine Width (min spread)	in	18.5
	TO MARINE A COLUMN A	mm	150.0
	Tine Width (single tine)	in	5.9
		mm	65.0
	Tine Thickness	in	2.6
		ka	5246
	Tine Capacity	lbs	11562
			23862
	Operating Weight	kg	52592
		lbs	32392

966 LOG 87" Carriage 72" Tine **Construction Fork, FUSION** 530-1861 530-1869



*Negative values indicate below grade

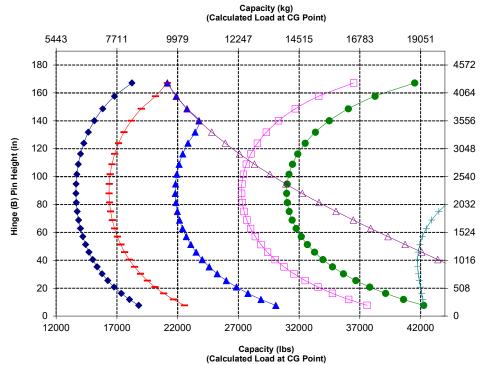


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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. 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.

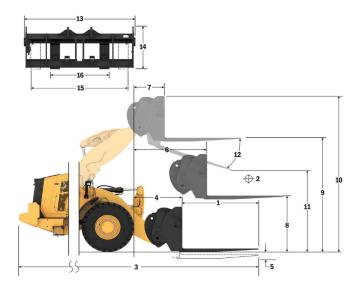
Fork Specifications

Fork Specifications	tions
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гυ	ik Specifications		
1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	15225
		lbs kg	33555 13376
	Static Tipping Load - Articulated (Forks Level)	lbs	29481
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6688
	Raied Load (SAE J1197 - 50% F151L)	lbs	14741
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8026
	(lbs	17689
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10701 23585
		lbs mm	9173
3	Maximum Overall Length	in	361.1
4	Reach with Forks at Ground Level	mm	1077
4	Reach with Forks at Ground Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
	Cround to Bottom of Time at Minimum Floight and Fork Edver	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in mm	66.3 818
7	Reach with Fork at Maximum Height	in	32.2
_	0 11 7 17 11 11 15 11 15 11	mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
	Ordana to Top of Tino at Maximum Floight and Fork Edver	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
	· · · · · · · · · · · · · · · · · · ·	in mm	200.5 2820
11	Clearance at Full Lift and Max Dump	in	111.0
40	Man Biachana Anala fara Harimantal		49
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	- Crordin Garriago Friadir	in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
46	Outside Tine Width (min spread)	mm	576
10	Outside Title Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	This Trial (single line)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 22200
	Tine Capacity	kg lbs	48929
	O	kg	24124
	Operating Weight	lbs	53170

 966 LOG
 96" Carriage
 48" Tine

 Construction Fork, FUSION
 520-7957
 520-7985



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

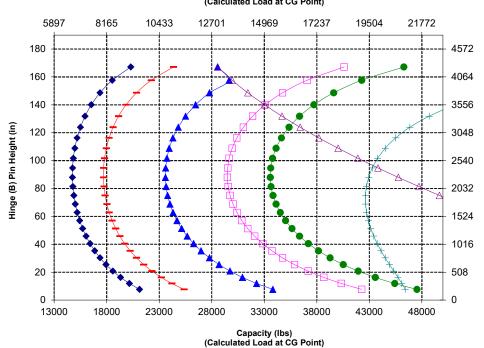


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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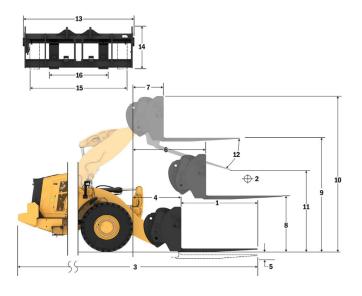
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications	Fork	Spe	cific	ations
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	rk opecifications		
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Ct-ti- Tii Ld Cti-bt (F-dLI)	kg	14474
	Static Tipping Load - Straight (Forks Level)	lbs	31901
	Static Tipping Load - Articulated (Forks Level)	kg	12709
	Static ripping Load - Articulated (Forks Level)	lbs	28011
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6355
	Nated Load (SAL 11191 - 30 %1 101L)	lbs	14005
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7625
	Tracou Louis (OLIVEIT II TO Trough Tomain OUT TO TE)	lbs	16806
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10167
		lbs	22409
3	Maximum Overall Length	mm	9478
		in	373.1
4	Reach with Forks at Ground Level	mm	1077
		in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
	<u> </u>	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in	66.4 818
7	Reach with Fork at Maximum Height	mm in	32.2
		mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
_		mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
		mm	5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
44	Olasson at Full Life and Man Poisson	mm	2589
11	Clearance at Full Lift and Max Dump	in	101.9
40	Max Discharge Angle from Horizontal	doa	49
12	Max Discharge Angle Ironi Horizontal	deg	
13	Overall Carriage Width	mm	2528
	Overall Carriage Wilder	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2178
	. , ,	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
		ka	17800
	Tine Capacity	lbs	39231
		kg	24190
	Operating Weight	lbs	53315
		ina	55515

 966 LOG
 96" Carriage
 60" Tine

 Construction Fork, FUSION
 520-7957
 520-7980



*Negative values indicate below grade

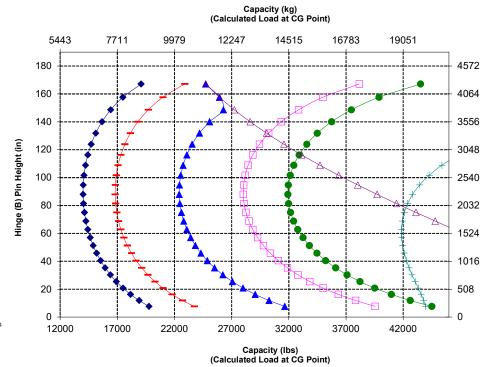


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 groups the state of the

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





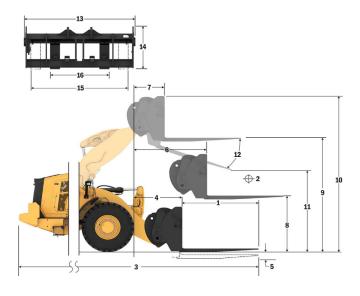
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

_	- Copositionio		
1	Tine Length	mm in	1829 72.0
_		mm	915
2	Load Center	in	36.0
	Catalan Timeland Land Catalanta (Forder Land)	kg	13786
	Static Tipping Load - Straight (Forks Level)	lbs	30384
	Static Tipping Load - Articulated (Forks Level)	kg	12097
	Static ripping Load - Articulated (Forks Level)	lbs	26662
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6049
	Nated Load (OAL 11191 - 30 %1 101L)	lbs	13331
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7258
	Traited Edda (OEIV EIV 474 O Troagil Terrain OO701 TOTE)	lbs	15997
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9678
	Tracou Esta (SETTER TOTAL CONTROLE)	lbs	21330
3	Maximum Overall Length	mm	9783
_	maximam o roran zongin	in	385.1
4	Reach with Forks at Ground Level	mm	1077
	Trought Mari Sillo at Ground 2010	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
_		in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
_		in	66.4
7	Reach with Fork at Maximum Height	mm	818
		in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
	<u>'</u>	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
	<u> </u>	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093 200.5
		in mm	2359
11	Clearance at Full Lift and Max Dump	in	92.9
		III	
12	Max Discharge Angle from Horizontal	deg	49
		mm	2528
13	Overall Carriage Width	in	99.5
		mm	1130
14	Overall Carriage Height	in	44.5
	O 1 11 T W/W/	mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Time (Middle (outside accord))	mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	14800
	Title Capacity	lbs	32619
	Operating Weight	kg	24251

966 LOG 96" Carriage 72" Tine **Construction Fork, FUSION** 520-7957 520-7979



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

- Payload (CEN EN 474-3 - Rough Te

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

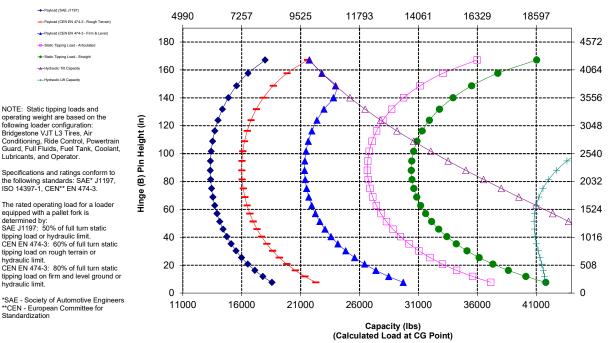
Lubricants, and Operator. Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

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 hydraullc limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

hydraulic limit. CEN EN 474-3: 80% of full turn static

Capacity (kg) (Calculated Load at CG Point)



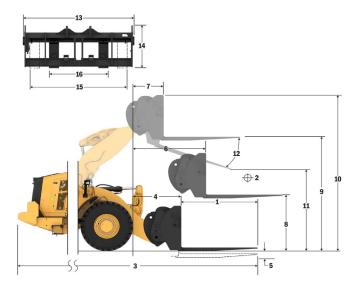
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

	•		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	13147
	Otatio ripping Load Otalgin (ronto Lorol)	lbs	28976
	Static Tipping Load - Articulated (Forks Level)	kg	11529
		lbs	25410
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5764
		lbs	12705
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6917
	· · · · · · · · · · · · · · · · · · ·	lbs	15246
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8773
	<u> </u>	lbs	19337
3	Maximum Overall Length	mm in	10088 397.1
		mm	1077
4	Reach with Forks at Ground Level	in	42.4
		mm	-87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
		mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
_		mm	818
7	Reach with Fork at Maximum Height	in	32.2
_		mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
_	0 11 7 17 11 1 15 11 1	mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
40	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
10	Overall neight of Fork at Full Lift (top of carnage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2128
• •	Clearance at Full Lift and Wax Durip	in	83.8
12	Max Discharge Angle from Horizontal	deg	49
12	Max Discharge Angle Iron Horizontal	ueg	49
13	Overall Carriage Width	mm	2528
	Overall Carriage Wilder	in	99.5
14	Overall Carriage Height	mm	1130
• •		in	44.5
15	Outside Tine Width (max spread)	mm	2178
_	- ' ' '	in	85.7
16	Outside Tine Width (min spread)	mm	576
	, , ,	in	22.7
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in	3.5 12700
	Tine Capacity	kg Ibs	27991
			24314
	Operating Weight	kg Ibs	53588
		108	55500

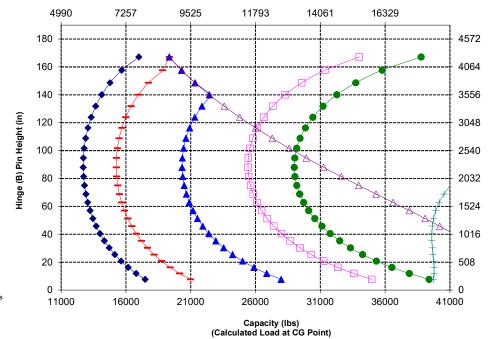
 966 LOG
 96" Carriage
 84" Tine

 Construction Fork, FUSION
 520-7957
 520-7986



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



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 Engineer

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.

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

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

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

*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.

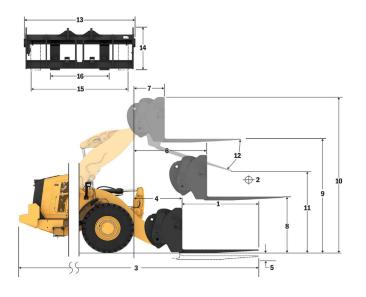
Fork Specifications

Fork Specifications

	ik opecifications		
1	Tine Length	mm in	2438
_		mm	96.0 1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	12557
	Static Tipping Load - Straight (Forks Level)	lbs	27677
	Static Tipping Load - Articulated (Forks Level)	kg	11004
	Otatic Tipping Load - Articulated (Forks Level)	lbs	24252
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5502
	114104 2044 (6712 07707 00707 1072)	lbs	12126
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6602
		lbs	14551
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7882
		lbs	17371
3	Maximum Overall Length	mm	10392
		in	409.1
4	Reach with Forks at Ground Level	mm	1077
		in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
	·	in	-3.4 1685
6	Reach with Arms Horizontal and Forks Level	mm	66.4
		in	818
7	Reach with Fork at Maximum Height	mm in	32.2
		mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
_		mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
		mm	5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
	01 15 11 17 1 14 5	mm	1899
11	Clearance at Full Lift and Max Dump	in	74.7
40	Man Dischaus Anala from Harimotel	4	49
12	Max Discharge Angle from Horizontal	deg	
13	Overall Carriage Width	mm	2528
	<u> </u>	in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	T. 0 4	ka	11300
	Tine Capacity	lbs	24905
	0 F W 11	kg	24376
	Operating Weight	lbs	53725
			50.20

 966 LOG
 96" Carriage
 96" Tine

 Construction Fork, FUSION
 520-7957
 520-7981



Hinge (B) Pin Height (mm)

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

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

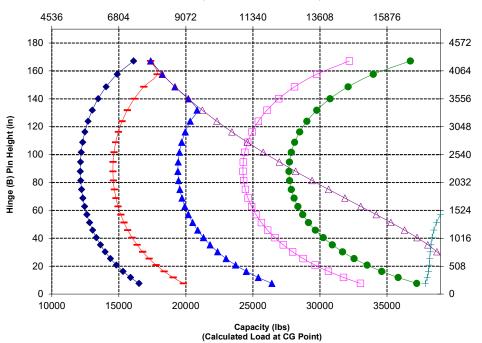
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

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 hydraullc limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

hydraulic limit. CEN EN 474-3: 80% of full turn static

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

Capacity (kg) (Calculated Load at CG Point)



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

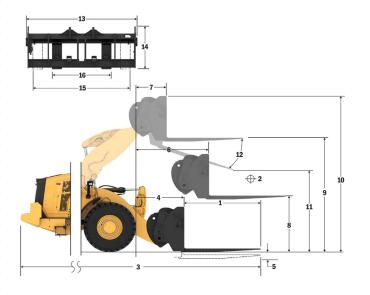
^{*}Negative values indicate below grade

Fork Specifications

	•		
1	Tine Length	mm in	1219 48.0
_	1 10 1	mm	610
2	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	15184
	Otatic Tipping Load - Ottaignt (Forks Level)	lbs	33466
	Static Tipping Load - Articulated (Forks Level)	kg	13336
	Citatio ripping Load - Attioulated (Folio Level)	lbs	29392
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6668
	Traise 2000 (07/2 01/07 00/01 10/2)	lbs	14696
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8001
	Traited Edua (GETT ETT TO Trought Torrain GO 70 T TO TE)	lbs	17635
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10669
	Trated Load (OLIV LIV 474-3 Film and Level Gloding - 00 70 F 13 TL)	lbs	23513
3	Maximum Overall Length	mm	9173
•	Maximum Overali Lengui	in	361.1
4	Reach with Forks at Ground Level	mm	1077
4	Reach with Forks at Ground Level	in	42.4
-	*Construction of Time at Minimum Height and Ford Lavel	mm	-87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
_		mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.3
_		mm	818
7	Reach with Fork at Maximum Height	in	32.2
_		mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
		mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
		mm	5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
		mm	2820
11	Clearance at Full Lift and Max Dump		
		in	111.0
12	Max Discharge Angle from Horizontal	deg	49
			0000
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2493
	·	in	98.1
16	Outside Tine Width (min spread)	mm	590
		in	23.2
	Tine Width (single tine)	mm	180.0
	This Triati (onigio tino)	in	7.1
_	Tine Thickness	mm	90.0
	THE THORNESS	in	3.5
		111	
	Tine Canacity	kg	
	Tine Capacity		22200
	Tine Capacity Operating Weight	kg	22200 48929 2417

 966 LOG
 108" Carriage
 48" Tine

 Construction Fork, FUSION
 520-7968
 520-7985



*Negative values indicate below grade

- Payload (CEN EN 474-3 - Rough Te

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

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

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

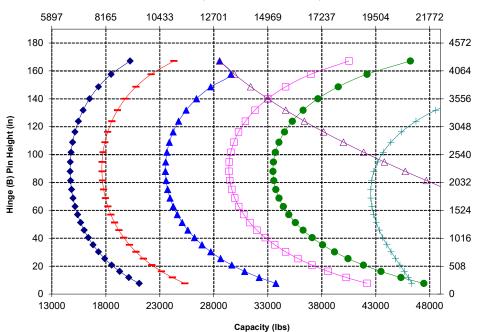
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraullc limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

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

Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)

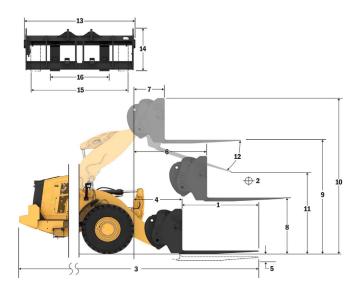


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

	rk opecifications		
1	Tine Length	mm	1524
	<u> </u>	in mm	60.0 762
2	Load Center	in	30.0
	Ct-ti- Tii Ld Cti-bt (F-dL1)	kg	14439
	Static Tipping Load - Straight (Forks Level)	lbs	31824
	Static Tipping Load - Articulated (Forks Level)	kg	12674
	Static Tipping Load - Articulated (Forks Level)	lbs	27933
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6337
	Trace Educ (GAE 91197 - 00701 1012)	lbs	13967
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7604
		lbs	16760
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10139
		lbs	22347
3	Maximum Overall Length	mm	9478
	<u> </u>	in	373.1 1077
4	Reach with Forks at Ground Level	mm in	42.4
		mm	-87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
		mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
_		mm	818
7	Reach with Fork at Maximum Height	in	32.2
_	0 11 7 (7) 31 4 11 3 15 11 1	mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
9	Ground to Top of Title at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
10	Overall fleight of Fork at Full Lift (top of carnage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2589
•••	Clearance at 1 dir Elit and Iwax Dump	in	101.9
12	Max Discharge Angle from Horizontal	deg	49
	max Biodiai go 7 iligio Il olii 1 il olizoritai		
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483 97.8
		in mm	
16	Outside Tine Width (min spread)	in	590 23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
		ka	17800
	Tine Capacity	lbs	39231
	On	kg	24239
	Operating Weight	lbs	53423

966 LOG 108" Carriage 60" Tine **Construction Fork, FUSION** 520-7968 520-7980



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

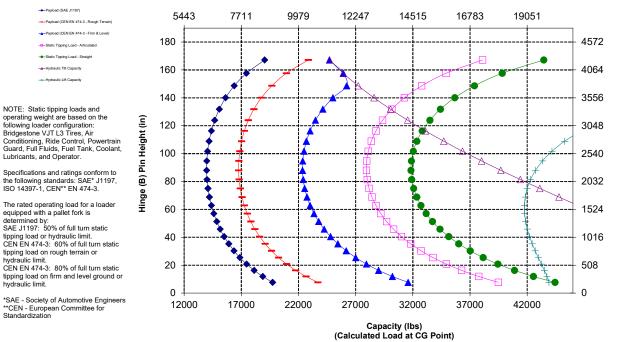
Lubricants, and Operator. Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

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.

hydraulic limit. CEN EN 474-3: 80% of full turn static

Capacity (kg) (Calculated Load at CG Point)



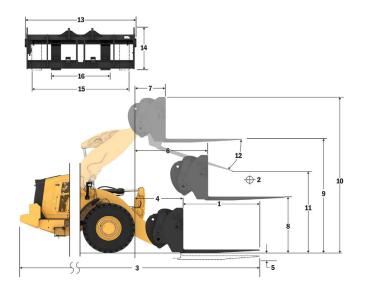
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

	rk Opecifications		
1	Tine Length	mm	1829
		in	72.0 915
2	Load Center	mm in	36.0
		kg	13751
	Static Tipping Load - Straight (Forks Level)	lbs	30307
	O. C. T	kg	12062
	Static Tipping Load - Articulated (Forks Level)	lbs	26585
	Botad Load (CAE 11107 FOW FTSTL)	kg	6031
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13293
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7237
	Nated Load (OEN EN 474-3 Nough Terrain - 00 % F131L)	lbs	15951
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9650
	Trated Load (OLIV LIV 474-51 IIIII and Level Gloding - 00 /// 1 101L)	lbs	21268
3	Maximum Overall Length	mm	9783
,	Maximum Overali Length	in	385.1
4	Reach with Forks at Ground Level	mm	1077
-	Reach with Forks at Glound Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
3	Glound to Bottom of Time at Millimidin Fleight and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
0	Reach with Anns honzontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818
'	Treach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
٠	Ground to Top of Title with Alms Honzontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
	Ground to Top of Time at Maximum Fleight and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
	everall rieight of renk at rail Ent (top of barriage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2359
•••	olearance at 1 an Ent and Max Bump	in	92.9
12	Max Discharge Angle from Horizontal	deg	49
12	Max Discharge Angle Iron Florizontal	ueg	
12	Overall Carriage Width	mm	2833
	Overall Carriage vitati	in	111.5
14	Overall Carriage Height	mm	1130
	Overall Carriage Fieight	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	Catolae Tille Wiatif (max opreda)	in	97.8
		11.1	
16	Outside Tine Width (min spread)	mm	590
16	Outside Tine Width (min spread)		590 23.2
16	<u> </u>	mm	
16	Outside Tine Width (min spread) Tine Width (single tine)	mm in	23.2 180.0 7.1
16	Tine Width (single tine)	mm in mm	23.2 180.0
16	<u> </u>	mm in mm in	23.2 180.0 7.1
16	Tine Width (single tine) Tine Thickness	mm in mm in mm	23.2 180.0 7.1 90.0
16	Tine Width (single tine)	mm in mm in mm in	23.2 180.0 7.1 90.0 3.5
16	Tine Width (single tine) Tine Thickness	mm in mm in mm in	23.2 180.0 7.1 90.0 3.5 14800

 966 LOG
 108" Carriage
 72" Tine

 Construction Fork, FUSION
 520-7968
 520-7979



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

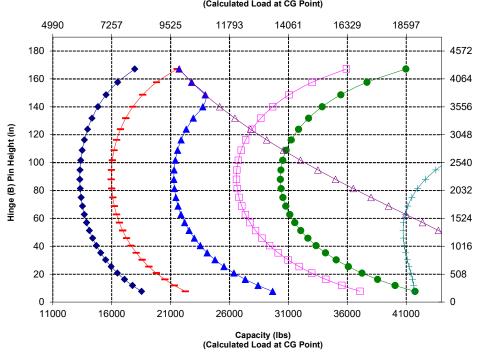


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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



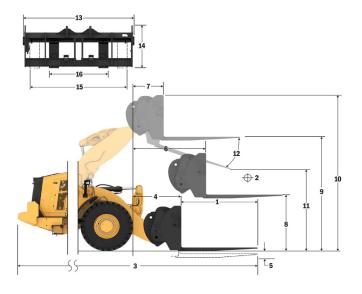


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

	nk opecifications		
1	Tine Length	mm	2134
		in mm	84.0 1067
2	Load Center	in	42.0
		kg	13115
	Static Tipping Load - Straight (Forks Level)	lbs	28905
	O. C. T	kg	11497
	Static Tipping Load - Articulated (Forks Level)	lbs	25338
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5748
	Raieu Loau (SAE J1197 - 50% F151L)	lbs	12669
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6898
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	15203
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8767
	Trated Load (OEIV EIV 474-3 Film and Level Ground - 00 70 F131E)	lbs	19322
3	Maximum Overall Length	mm	10088
_	maximum o voicin zongan	in	397.1
4	Reach with Forks at Ground Level	mm	1077
_	Trought Mari Folio de Orodna 2010.	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
_		in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
_		in	66.4
7	Reach with Fork at Maximum Height	mm	818
	<u>*</u>	in	32.2 1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	77.5
		mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
		mm	5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
	0	mm	2128
11	Clearance at Full Lift and Max Dump	in	83.8
40	Man Diaghana Angla faran Harimantal		49
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
	Overall Carriage Wilder	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483
_	- (1 /	in	97.8
16	Outside Tine Width (min spread)	mm	590
	· , , , , , , , , , , , , , , , , , , ,	in	23.2 180.0
	Tine Width (single tine)	mm	7.1
	·	in mm	90.0
	Tine Thickness	mm in	3.5
		ka	12700
	Tine Capacity	lbs	27991
		kg	24363
	Operating Weight	lbs	53696
		ina	00000

966 LOG 108" Carriage 84" Tine **Construction Fork, FUSION** 520-7968 520-7986



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

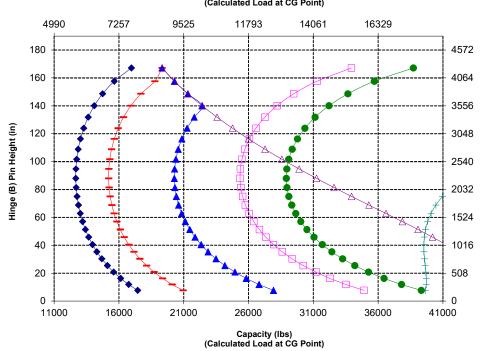


Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

Lubricants, and Operator.

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. hydraulic limit. CEN EN 474-3: 80% of full turn static

*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.

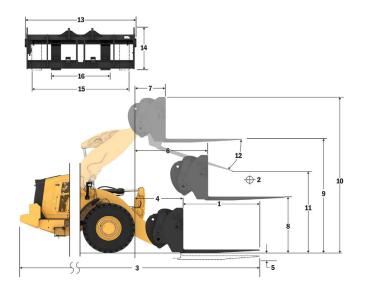
^{*}Negative values indicate below grade

Fork Specifications

	The Opposition of the Oppositi		
1	Tine Length	mm in	2438 96.0
_		mm	1219
2	Load Center	in	48.0
	Ct-ti- Tii L Ctit (Ft L)	kg	12526
	Static Tipping Load - Straight (Forks Level)	lbs	2760
	Static Tipping Load - Articulated (Forks Level)	kg	10972
	Static ripping Load - Articulated (Forks Level)	lbs	2418
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5486
	Nated Load (SAE 31197 - 30 % F131L)	lbs	1209
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6583
	Trated Load (OLIV LIV 474-5 Rought Terraint - 00 /0 1 10 1L)	lbs	1450
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7875
	Trace Edda (OETT ETT TT	lbs	1735
3	Maximum Overall Length	mm	1039
_	Maximum Overall Eorigan	in	409.
4	Reach with Forks at Ground Level	mm	1077
_	Treadil Will I dire at Greatia Edver	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
_	Cround to Bottom or time at Milliminant Height and Fork Edver	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
_	Trough Will / Willow For Earlier and For to Earlier	in	66.4
7	Reach with Fork at Maximum Height	mm	818
_	Trought Mari on at maximum rioight	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
_		in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
	· · · · · · · · · · · · · · · · · · ·	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
	· 0 (1 0 0)	in	200.
11	Clearance at Full Lift and Max Dump	mm	1899
	<u>'</u>	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
			0000
13	Overall Carriage Width	mm	2833
	<u> </u>	in	111.
14	Overall Carriage Height	mm	44.5
		in	2483
15	Outside Tine Width (max spread)	mm in	97.8
		mm	590
16	Outside Tine Width (min spread)	in	23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
		kg	1130
	Tine Capacity	lbs	2490
		kg	2442
	Operating Weight	lbs	5383
_		100	0000

 966 LOG
 108" Carriage
 96" Tine

 Construction Fork, FUSION
 520-7968
 520-7981



- Payload (CEN EN 474-3 - Rough Te

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

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

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

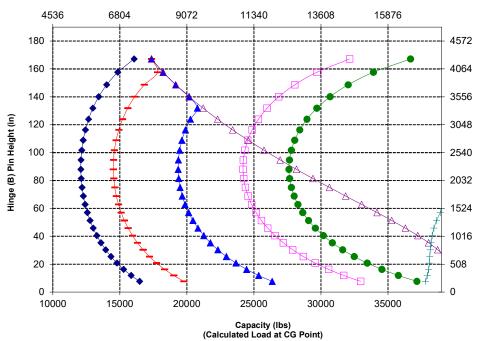
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraullc limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

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

Capacity (kg) (Calculated Load at CG Point)





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

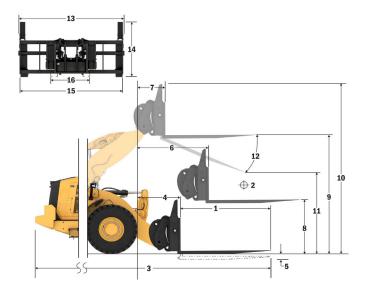
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
_	1 10 1	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	13665
	Otatic Tipping Load - Ottaight (Folks Level)	lbs	30118
	Static Tipping Load - Articulated (Forks Level)	kg	11994
		lbs	26435
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5997
	,	lbs	13217 7196
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	15861
		kg	9443
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	20812
_		mm	9826
3	Maximum Overall Length	in	386.8
4	Reach with Forks at Ground Level	mm	1120
4	Reach with Porks at Glound Level	in	44.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-88
•	Ground to Bottom of Time at Millimidin Fleight and Fork Level	in	-3.5
6	Reach with Arms Horizontal and Forks Level	mm	1728
_	Trought Will 7 time Florizontal and Forke Edver	in	68.0
7	Reach with Fork at Maximum Height	mm	860
_		in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1968
	<u> </u>	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4052 159.5
		mm	5565
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	219.1
		mm	2377
11	Clearance at Full Lift and Max Dump	in	93.6
40	Mary Disabassas Assala fassa Hasimandal		
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2470
_		in	97.3
14	Overall Carriage Height	mm	1603
		in mm	63.1 2366
15	Outside Tine Width (max spread)	in	93.1
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	T MC10 / 1 L C \	mm	180.0
	Tine Width (single tine)	in	7.1
	Tina Thirdings	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	12600
	Tille Capacity	lbs	27770
	Operating Weight	kg	24202
	operating resignit	lbs	53341

966 LOG 72" Tine Log & Lumber No Clamp, FUSION 379-2199



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator. Specifications and ratings conform to

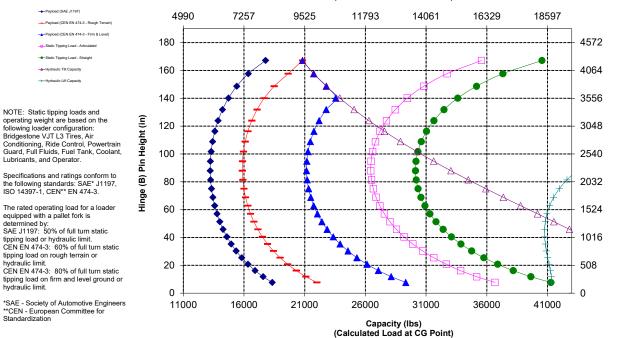
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

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hydraulic limit. CEN EN 474-3: 80% of full turn static

Capacity (kg) (Calculated Load at CG Point)



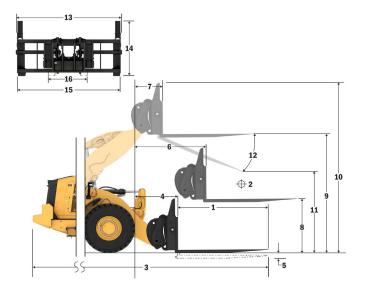


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

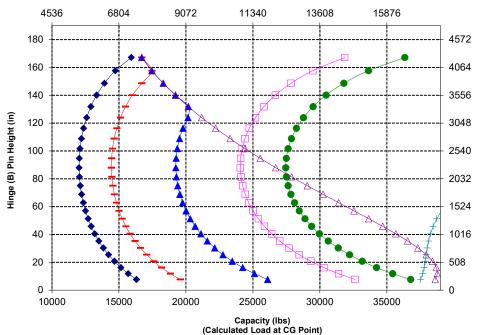
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Genter	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	12453
	otatio ripping zona otraigin (romo zoror)	lbs	27445
	Static Tipping Load - Articulated (Forks Level)	kg	10914
	,	lbs	24055 5457
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	12027
		kg	6548
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	14433
		kg	7575
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16695
3	Manifestora Octobrall Language	mm	10435
3	Maximum Overall Length	in	410.8
4	Reach with Forks at Ground Level	mm	1121
4	Reach with Forks at Ground Level	in	44.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-88
	Cround to Bottom of Time at Milliman Height and Fork Level	in	-3.5
6	Reach with Arms Horizontal and Forks Level	mm	1728
	Trouble Hall 7 amo Fiorizontal and Forno Zovol	in	68.0
7	Reach with Fork at Maximum Height	mm	861
		in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1968
	<u> </u>	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4052 159.5
	· · · · · · · · · · · · · · · · · · ·	mm	5565
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	219.1
		mm	1932
11	Clearance at Full Lift and Max Dump	in	76.1
	Mary Disabassas Assala form Harisantal		
12	Max Discharge Angle from Horizontal	deg	47
12	Overall Carriage Width	mm	2470
-13	Overall Carriage Wildin	in	97.3
14	Overall Carriage Height	mm	1603
	O Torian Garriago / loigin	in	63.1
15	Outside Tine Width (max spread)	mm	2366
	- \ 1 /	in	93.1
16	Outside Tine Width (min spread)	mm	1002
		in	39.4 180.0
	Tine Width (single tine)	mm in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	T. 0. "	kg	10100
	Tine Capacity	lbs	22260
	Operating Weight	kg	24330
	Operating Weight	lbs	53624

966 LOGLog & Lumber No Clamp, FUSION 379-2321



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



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

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

Specifications and ratings conform to

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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hydraulic limit. CEN EN 474-3: 80% of full turn static

tipping load on firm and level ground or hydraulic limit.



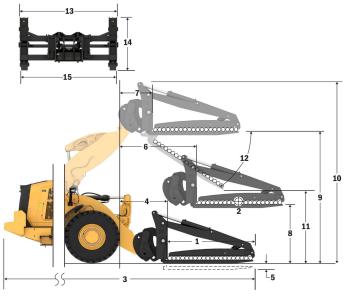
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

2 Load Center Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	mm 2438mm 2438mm 2438mmm 2468mmm 2468mmm 2458mmm 2458mmm 2458mmm 2458mmm 1993mmm 1993mmmm 1993mmm 1993mmmm 1993mmmm 1993mmmm 1993mmmm 1993mmmm 1993mmmm 1993mmmm 1993mmmm 1993mmmmmmmmmm
2 Load Center Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	mm 1219 mm 121
Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	kg 1080:184 kg 9285 lbs 2046:484 kg 4643 lbs 1023:485 lbs
Static Tipping Load - Statight (Forks Level) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	bs 23811 bs 2381 bs 2381 bs 2485 bs
Static Tipping Load - Articulated (Forks Level) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	kg 9285 years 9285 years 9285 years 9285 years 9285 years 9287 years 92
Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	bs 2046ikg 4643 105 1023 105 1023 105 1027 105
Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	kg 4643 lbs 1023; kg 5571 lbs 1227; kg 6276 lbs 1383; mm 1047; in 412.6 mm 45.8 mm -64 in -2.5 in 70.5 mm 923 in 36.3 mm 1993 in 78.5 mm 4076
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	Ibs 1023; kg 5571 lbs 1227; kg 6276 lbs 1383; mm 1047; in 412.6 mm 416.8 mm 45.8 mm 790; in 70.5 mm 923; in 36.3 mm 1993; in 78.5 mm 4076 mm 4
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	kg 5571 lbs 1227: kg 6276 lbs 1383: mm 1047: in 412.6: mm 45.8 mm -64 in -2.5 mm 1790: in 70.5: mm 1993 in 36.3 mm 1993 in 78.5
Rated Load (CEN EN 474-5 Rough Terhani - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Maximum Overall Length Reach with Forks at Ground Level "Ground to Bottom of Tine at Minimum Height and Fork Level Reach with Arms Horizontal and Forks Level Reach with Fork at Maximum Height Ground to Top of Tine with Arms Horizontal and Fork Level Ground to Top of Tine at Maximum Height and Fork Level Overall Height of Fork at Full Lift (top of carriage to ground)	Ibs 1227 kg 6276 lbs 1383 mm 1047 in 412.6 mm 1164 in 45.8 mm -64 in 70.5 mm 1790 in 70.5 mm 1993 in 36.3 mm 1993 in 78.5 mm 4076
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground)	kg 6276 1383: mm 1047: in 412.6 mm 1164 in 45.8 mm -64 in -2.5 mm 1790 in 70.5 mm 1993 in 36.3 mm 1993 in 78.5 mm 4076
3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	Ibs 1383; 1047; 1164;
3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	mm 10479 in 412.6 mm 1164 in 45.8 mm -64 in -2.5 mm 17900 in 70.5 mm 923 in 36.3 mm 1993 in 78.5 mm 4076
4 Reach with Forks at Ground Level 5 "Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	in 412.6 mm 1164 in 45.8 mm -64 in -2.5 mm 1790 in 70.5 mm 923 in 36.3 in 36.3 in 36.3 mm 1993 in 78.5 mm 4076
5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	in 45.8 mm -64 in -2.5 mm 1790 in 70.5 in 36.3 mm 1993 in 78.5 mm 4076
5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	mm -64 in -2.5 mm 1790 in 70.5 mm 923 in 36.3 mm 1993 in 78.5 mm 4076
6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	in -2.5 mm 1790 in 70.5 mm 923 in 36.3 mm 1993 in 78.5 mm 4076
6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	mm 1790 in 70.5 mm 923 in 36.3 mm 1993 in 78.5 mm 4076
7 Reach with Fork at Maximum Height 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	in 70.5 mm 923 in 36.3 mm 1993 in 78.5 mm 4076
7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	mm 923 in 36.3 mm 1993 in 78.5 mm 4076
8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	in 36.3 mm 1993 in 78.5 mm 4076
8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	mm 1993 in 78.5 mm 4076
9 Ground to Top of Tine with Arms Horizontal and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	in 78.5 mm 4076
9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	mm 4076
10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	
10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump	in 160.5
11 Clearance at Full Lift and Max Dump	mm 5539
TI Clearance at Full Lift and Max Dump	in 218.1
<u>'</u>	mm 1774
12 Max Discharge Angle from Horizontal	in 69.9
12 Max Distriarge / trigle from Fronzentar	deg 51
13 Overali Carriade Widin	mm 3131
	in 123.3
	mm 1553
	in 61.1 mm 2991
	in 117.8
	mm 2991
16 Outside Tine Width (min spread)	in 117.8
T: \\(\frac{1}{2} \text{-1} \text{-1} \text{-1} \text{-1} \\(\frac{1}{2} \text{-1} \\(\frac{1}{2} \text{-1} \text{-1} \\(\frac{1}{2} \text{-1} \\(\frac{1} \text{-1} \\(\frac{1}{2} \text{-1} \\(\frac{1} \text{-1} \\(\frac{1} \text{-1} \\(\frac{1} \text{-1} \\(\frac{1} \text{-1} \\(\frac{1} \text{-1} \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	mm 200.0
Tine Width (single tine)	in 7.9
Tine Thickness	
THE THOMESS	mm 90.0
	in 3.5
· · · · · · · · · · · · · · · · · · ·	in 3.5 kg 25869 lbs 57019
Active-Clamp Tine Lift Capacity	in 3.5 kg 25869 lbs 57019 kg 7621
Active-Clamp Tine Lift Capacity	in 3.5 kg 25869 lbs 57019 kg 7621 lbs 1679
Active-Clamp Tine Lift Capacity Tine Capacity	in 3.5 kg 25869 lbs 57019 kg 7621

966 LOGPipe & Pole 3" Row, FUSION 365-1318



*Negative values indicate below grade

-Payload (SAE J1197)
-Payload (CEN EN 474-3 - Rough Terrain

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.

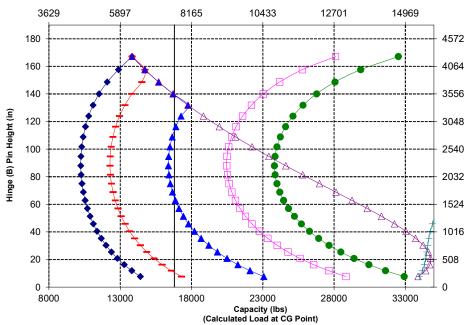
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE 11197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on groups the static tipping load on the static tipping load on groups and static tipping load on groups and several round or the static tipping load on group and leave lorgung do the static tipping load on group and leave lorgung do the static tipping load on group and leave lorgung do the static tipping load on groups and leave lorgung do the static tipping load on groups and leave lorgung do the static tipping load on groups and leave lorgung do the static tipping load on groups and load to the static tipping load on groups and the static tipping load tipping lo

tipping load on firm and level ground or hydraulic limit.

*SAE - Society of Automotive

Engineers
**CEN - European Committee for Standardization

Capacity (kg) (Calculated Load at CG Point)





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

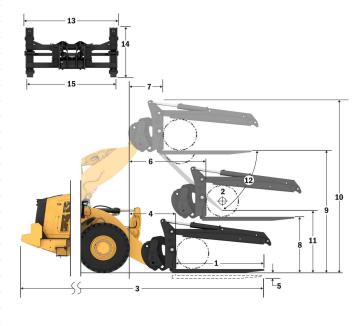


WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

Fork Specifications

FU	ik Specifications		
1	Tine Length	mm in	2438 96.0
_		mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	13277
	Static Tipping Load - Straight (Forks Level)	lbs	29262
	Static Tipping Load - Articulated (Forks Level)	kg	11401
	Otatic Tipping Load - Articulated (Forks Level)	lbs	25128
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5701
		lbs	12564
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6841
		lbs kg	15077 9121
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	20103
_		mm	10479
3	Maximum Overall Length	in	412.6
	D 1 31 5 1 10 11 1	mm	1164
4	Reach with Forks at Ground Level	in	45.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-64
- 5	Glound to Bottom of Time at William Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1790
	Treach with Anns Honzontal and Forks Level	in	70.5
7	Reach with Fork at Maximum Height	mm	923
		in	36.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1993 78.5
		mm	4076
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.5
	0 1111111111111111111111111111111111111	mm	5539
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.1
11	Clearance at Full Lift and Max Dump	mm	1774
11	Clearance at Full Lift and Max Dump	in	69.9
12	Max Discharge Angle from Horizontal	deg	51
			0404
13	Overall Carriage Width	mm	3131
	-	in mm	123.3 1553
14	Overall Carriage Height	in	61.1
		mm	2991
15	Outside Tine Width (max spread)	in	117.8
40	Outside Tine Width (min spread)	mm	2991
10	Outside Tine Width (Inin Spread)	in	117.8
	Tine Width (single tine)	mm	200.0
	Title Wider (onlyie title)	in	7.9
	Tine Thickness	mm	90.0
	1915 119501555	in	3.5
	Operating Weight	kg	25869
		lbs	57015
	Active-Clamp Tine Lift Capacity	kg Ibs	7621 16796
		kg	12701
	Tine Capacity	lbs	27993

966 LOGPipe & Pole 30" Row, FUSION 365-1318



*Negative values indicate below grade

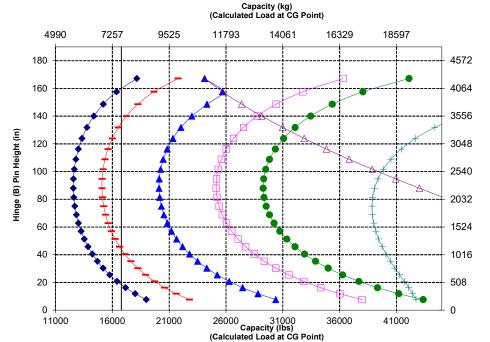


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 of the provide 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.



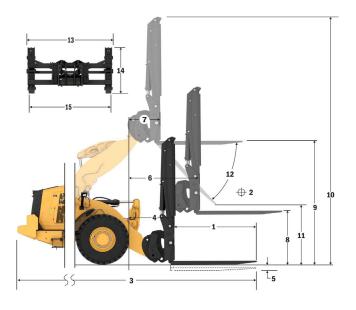
WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

Fork Specifications

Fork Specifications

1	Tine Length	mm	2438
	<u> </u>	in mm	96.0 1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	11165
	Static ripping Load - Straight (Forks Lever)	lbs	24608
	Static Tipping Load - Articulated (Forks Level)	kg	9653
	Otatio Tipping Load Translation (Forms Lotter)	lbs	21275
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4826
		lbs	10637 5792
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	12765
		kg	7055
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15549
_	M : 0 III II	mm	10479
3	Maximum Overall Length	in	412.6
4	Reach with Forks at Ground Level	mm	1164
*	Reacti with Forks at Glound Level	in	45.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-64
	Croana to Dottom of Timo at Miniman Floright and Fort 2016	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1790
		in	70.5
7	Reach with Fork at Maximum Height	mm in	923 36.3
	<u> </u>	mm	1993
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	78.5
_	One and to Top of Tipe at Manifester United and Foots Level	mm	4076
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	7074
	Overall Holghi of Fork at Fall Lift (top of barriage to ground)	in	278.5
11	Clearance at Full Lift and Max Dump	mm	1774
		in	69.9
12	Max Discharge Angle from Horizontal	deg	51
	0 110 : 147:111	mm	3131
13	Overall Carriage Width	in	123.3
11	Overall Carriage Height	mm	3088
14	Overall Carriage Fleight	in	121.6
15	Outside Tine Width (max spread)	mm	2991
		in	117.8
16	Outside Tine Width (min spread)	mm in	2991 117.8
		mm	200.0
	Tine Width (single tine)	in	7.9
	Ti Thister	mm	90.0
	Tine Thickness	in	3.5
	Operating Weight	kg	25869
	Operating Weight	lbs	57015
	Tine Capacity	kg	12700
	- mo Supusity	lbs	27991

966 LOG 96" Tine Pipe & Pole Open Clamp, FUSION 365-1318



Hinge (B) Pin Height (mm)

+ Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

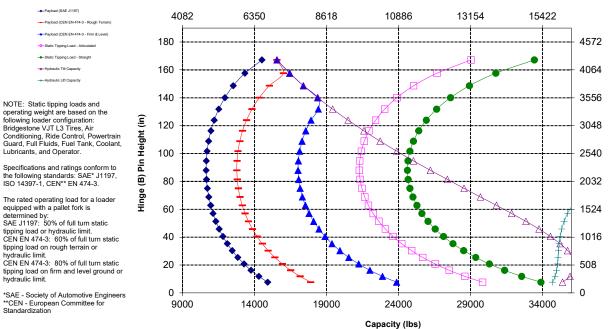
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

hydraulic limit. CEN EN 474-3: 80% of full turn static

Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)



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

^{*}Negative values indicate below grade

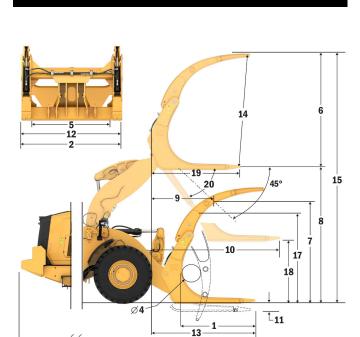
63" Tine

383-3523

Fork Specifications

Fork Specificat	tions
-----------------	-------

1	Tine length	mm	1609
		in	63.3
2	Fork width	mm in	2324 91.5
_		m2	1.26
	End area	ft2	1.20
_	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
	Min. opening	mm	427
4	(only applies to millyard forks)	in	17
		kg	25632
	Operating Weight	lbs	56509
_		mm	1780
5	Distance inside of tine tips	in	70
	Static tipping load, articulated	kg	12603
	Fork level	lbs	27785.
	Static tipping load, straight	kg	14550
	Fork level	lbs	32077.
_	Max. height of fork	mm	2843
6	(w/clamp open if applicable)	in	111.9
7	Clearance w/full lift, 45 deg dump	mm	2765
′	(if max. dump <> 45)	in	108.8
В	Clearance @ full lift fork level	mm	3987
0	Clearance @ full lift lork level	in	157.0
9	Reach w/full lift, 45 deg dump	mm	1511
9	(if max. dump <> 45)	in	59.5
^	Reach w/lift arm horizontal and fork level	mm	3099
u	Reach White and nonzontal and lork level	in	122.0
1	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-63
•	Ground to Bottom of Tool at William Fleight and Tool Level	in	-2.5
2	Width over tines	mm	2286
_	Width over times	in	90.0
2	Reach @ ground level	mm	2398
_	Troubil @ ground level	in	94
4	Max. opening across tine and clamp	mm	2709
_		in	106.7
15	Overall height of fork @ full lift and	mm	6830
_	clamp open	in	268.9
16	Overall length	mm	9275
_	Tip of tine to rear of machine	in	365.2
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2526 99.5
_	Clearance w/horizontal lift arms and	mm	1903.2
8	fork level	in	74.9
_		mm	2231.4
9	Reach @ full lift and fork level	in	87.8
	Many disabassas and form basic state	deg	60
Ü	Max. discharge angle from horizontal	rad	1.0
_		, au	



*Negative values indicate below grade

(CEN EN 474-3 - Firm & Level

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.

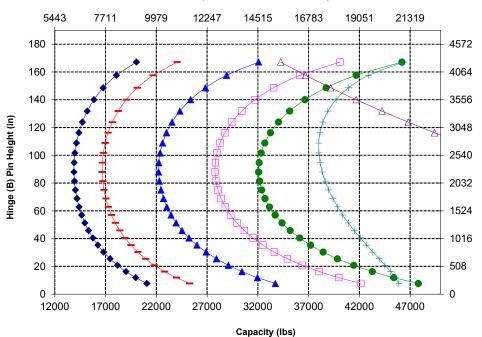
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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: 80% 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.

Capacity (kg) (Calculated Load at CG Point)

966 LOG

Millyard Fork, FUSION



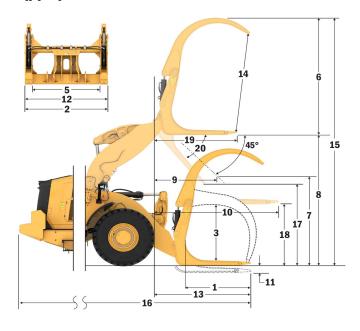
Fork Specifications

Fork	Sne	cifica	tions
LOIV	SUE	LIIILG	แบบเร

1	Tine length	mm	1609
		in	63.4
2	Fork width	mm :	2498
		in m2	98.3 1.91
	End area	ft2	21
	Inside Height	mm	1376
3	(only applies to double top clamp)	in	54
	Min. opening	mm	N/A
4	(only applies to millyard forks)	in	N/A
	, , , ,	kg	24875
	Operating Weight	lbs	54840
_		mm	1892
5	Distance inside of tine tips	in	74
	Static tipping load, articulated	kg	13196
	Fork level	lbs	29092.2
	Static tipping load, straight	kg	15125
	Fork level	lbs	33343.8
_	Max. height of fork	mm	2943
6	(w/clamp open if applicable)	in	115.9
_	Clearance w/full lift, 45 deg dump	mm	2859
7	(if max. dump <> 45)	in	112.5
8	Clearance @ full lift fork level	mm	3981
0	Clearance @ run int lork level	in	156.7
9	Reach w/full lift, 45 deg dump	mm	1409
9	(if max. dump <> 45)	in	55.5
10	Reach w/lift arm horizontal and fork level	mm	2960
	Trough with ann nonzonial and lone lovel	in	116.5
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-69
•••	Cround to Dottom or root at miniman riorgin and root 2010.	in	-2.7
12	Width over tines	mm	2414
		in	95.0
13	Reach @ ground level	mm	2264
		in	89
14	Max. opening across tine and clamp	mm	2542
		in	100.1
15	Overall height of fork @ full lift and	mm	6925
	clamp open	in	272.6
16	Overall length	mm	9141
	Tip of tine to rear of machine	in	359.9
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm :	2862
	Clearance w/horizontal lift arms and	in	112.7 1897.7
18	fork level	mm	
		in	74.7
19	Reach @ full lift and fork level	mm in	2092.8
		deq	82.4 45
20	Max. discharge angle from horizontal	rad	0.8
		iau	0.0

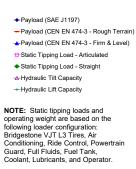
966 LOG **63" Tine** Logging Fork, Pin-On 398-4960

*Z-Bar Linkage *Logging Configuration



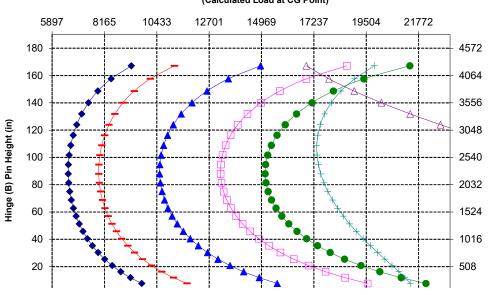
*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



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

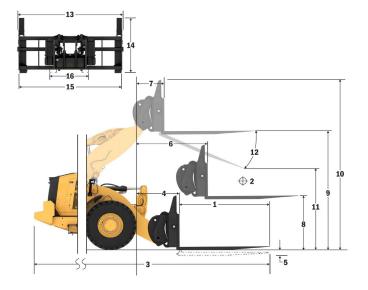
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static



Fork Specifications

1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	14329
	Static ripping Load - Straight (Porks Level)	lbs	31582
	Static Tipping Load - Articulated (Forks Level)	kg	12586
	Otatio Tipping Load - Attioulated (Forto Lovel)	lbs	27740
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6293
	,	lbs	13870
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7552
		lbs	16644 10069
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	22192
		mm	9521
3	Maximum Overall Length	in	374.8
_		mm	1120
4	Reach with Forks at Ground Level	in	44.1
_	*** *** *** **** **** **** **** **** ****	mm	-88
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.5
_	Reach with Arms Horizontal and Forks Level	mm	1728
6	Reach with Arms Horizontal and Forks Level	in	68.0
7	Reach with Fork at Maximum Height	mm	860
′	Reach with Fork at Maximum Height	in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1968
_	Ordana to Top of Time with 74mio Honzontal and Fork Eevel	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4052
_	·	in	159.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5562
		in	219.0 2600
11	Clearance at Full Lift and Max Dump	mm in	102.4
		111	
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2176
		in	85.7
14	Overall Carriage Height	mm	1601
		in	63.0
15	Outside Tine Width (max spread)	mm	2084
	<u> </u>	in	82.0 1002
16	Outside Tine Width (min spread)	mm in	39.4
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	Ti 0it-	kg	15906
	Tine Capacity	lbs	35057
	Operating Weight	kg	24120
	Operating weight	lbs	53161

966 LOG 60" Tine
Log & Lumber No Clamp, FUSION 435-4634



*Negative values indicate below grade

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

Specifications and ratings conform to

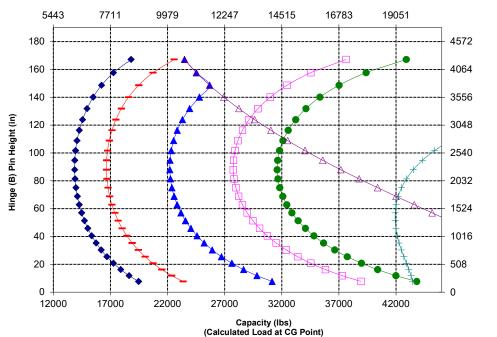
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

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 rough terrain or hydraulic limit.

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

Capacity (kg) (Calculated Load at CG Point)



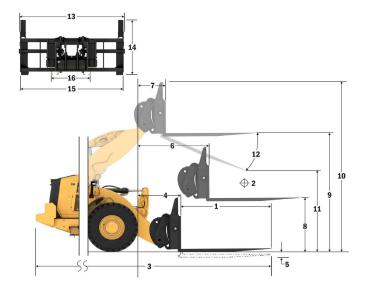
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

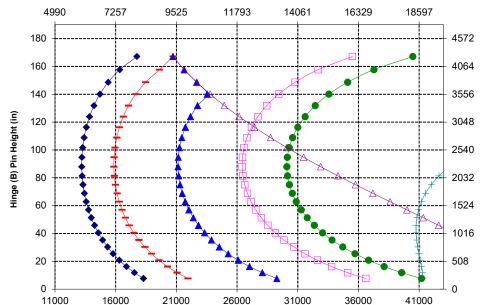
	•		
1	Tine Length	mm in	1829 72.0
	Load Center	mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	13653
	· · · · · · · · · · · · · · · · · · ·	lbs	30091
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	11985 26415
	D + 11	kg	5992
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13207
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7191
	Traited Edad (OEIVEIV 474 O Hough Tenam OO 70 T TOTE)	lbs	15849
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9398
	·	lbs	20714 9826
3	Maximum Overall Length	mm in	386.8
_		mm	1120
4	Reach with Forks at Ground Level	in	44.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-88
	Glound to bottom of time at willimidin Height and Fork Level	in	-3.5
6	Reach with Arms Horizontal and Forks Level	mm	1728
	Trought Will Titling Florizonial and Fortio 2010	in	68.0
7	Reach with Fork at Maximum Height	mm	860
	<u> </u>	in mm	33.9 1968
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
_	Consider Toward Time at Manifestory Uniobt and Foots Lavel	mm	4052
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5562
	Overdis Fleight of Fork at Fall Elit (top of darlage to ground)	in	219.0
11	Clearance at Full Lift and Max Dump	mm	2377
	<u> </u>	in	93.6
12	Max Discharge Angle from Horizontal	deg	47
42	Overall Carriage Width	mm	2176
13	Overall Carriage Width	in	85.7
14	Overall Carriage Height	mm	1601
		in	63.0
15	Outside Tine Width (max spread)	mm	2084
	· · · · ·	in mm	82.0 1002
16	Outside Tine Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110011000	in	3.5
	Tine Capacity	kg	12600
		lbs	27770 24182
	Operating Weight	kg lbs	53297
		IDS	33231

966 LOG 72" Tine Log & Lumber No Clamp, FUSION 435-4684



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs)
(Calculated Load at CG Point)

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 hydraullc limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator. Specifications and ratings conform to

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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



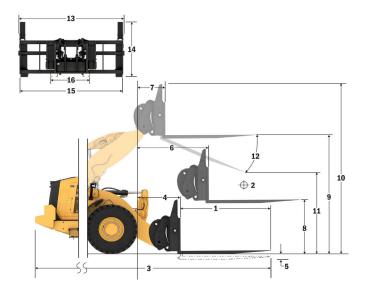
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

	nk opecifications		
1	Tine Length	mm	2438
	<u> </u>	in mm	96.0 1219
2	Load Center	in	48.0
	Ct-ti- Tii L Ctibt (El L L)	kg	12443
	Static Tipping Load - Straight (Forks Level)	lbs	27425
	Static Tipping Load - Articulated (Forks Level)	kg	10907
	Static Tipping Load - Articulated (Forks Level)	lbs	24040
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5454
	Nated Load (SAL 11197 - 30 % 1 101L)	lbs	12020
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6544
	Trace Lead (OLIVEIT II TO TISAGII TOTIAII OO 70 T TO 12)	lbs	14424
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7545
	Traise 25dd (5217 217 11 7 5 1 mm dire 2575) Ground 5575 7 572)	lbs	16630
3	Maximum Overall Length	mm	10435
		in	410.8
4	Reach with Forks at Ground Level	mm	1121
	<u> </u>	in	44.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-88
		in	-3.5
6	Reach with Arms Horizontal and Forks Level	mm	1728
		in	68.0
7	Reach with Fork at Maximum Height	mm	861 33.9
	<u> </u>	in mm	1968
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
		mm	4052
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.5
		mm	5562
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	219.0
	0	mm	1932
11	Clearance at Full Lift and Max Dump	in	76.1
40	Mary Disabassas Assala from Harisantal	4	47
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2176
		in	85.7
14	Overall Carriage Height	mm	1601
		in	63.0
15	Outside Tine Width (max spread)	mm	2084
	. , ,	in	82.0
16	Outside Tine Width (min spread)	mm in	1002 39.4
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
		ka	10100
	Tine Capacity	lbs	22260
		kg	24310
	Operating Weight	lbs	53579
		100	00010

966 LOG 96" Tine
Log & Lumber No Clamp, FUSION 435-4686



*Negative values indicate below grade

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

Specifications and ratings conform to

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

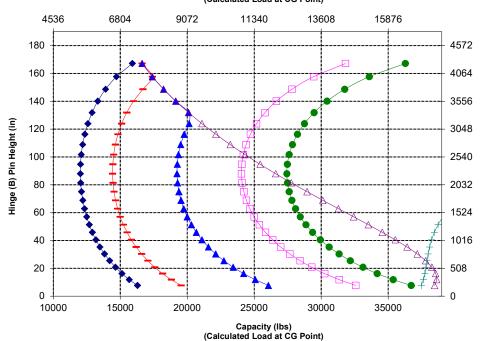
the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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.

hydraulic limit. CEN EN 474-3: 80% of full turn static

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

Capacity (kg) (Calculated Load at CG Point)





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

Fork Specifications

Fork Specifications

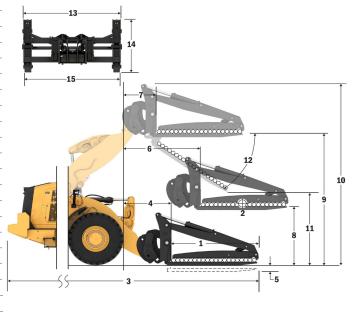
FU	k Specifications		
1	Tine Length	mm	2438
	<u> </u>	in mm	96.0 1219
2	Load Center	in	48.0
_		ka	11511
	Static Tipping Load - Straight (Forks Level)	lbs	25370
	Ctatic Timping Load Adjusted (Fodes Lovel)	ka	9950
	Static Tipping Load - Articulated (Forks Level)	lbs	21930
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4975
	Nated Load (OAL 31197 - 30701 TOTL)	lbs	10965
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5970
	Traces 2000 (0211 211 11 10 110 agri 10 nam 00 70 1 10 12)	lbs	13158
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7960
	(lbs	17544
3	Maximum Overall Length	mm	10406
	•	in	409.7 1091
4	Reach with Forks at Ground Level	mm in	42.9
		mm	-109
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-4.3
		mm	1682
6	Reach with Arms Horizontal and Forks Level	in	66.2
_		mm	815
7	Reach with Fork at Maximum Height	in	32.1
_	0 11 7 17 11 11 1 1 1 1 1 1 1	mm	1947
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	76.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4031
	Glound to Top of Time at Maximum Height and Fork Level	in	158.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5493
	Overdin Holgint of Fork at Fair (top of damage to ground)	in	216.3
11	Clearance at Full Lift and Max Dump	mm	2016
		in	79.4
12	Max Discharge Angle from Horizontal	deg	45
			0404
13	Overall Carriage Width	mm	3131
	<u> </u>	in mm	123.3 1553
14	Overall Carriage Height	in	61.1
		mm	2991
15	Outside Tine Width (max spread)	in	117.8
		mm	2991
16	Outside Tine Width (min spread)	in	117.8
	Tine Width (single tine)	mm	200.0
	Tine Width (single tine)	in	7.9
	Tine Thickness	mm	90.0
	THE INICIALOG	in	3.5
	Operating Weight	kg	25315
	Operating Weight	lbs	55794
	Active-Clamp Tine Lift Capacity	kg	7621
	· 1	lbs	16796
	Tine Capacity	kg	12701
	• •	lbs	27993

966 LOG

Pipe & Pole 3" Row, Pin-On

96" Tine 447-9939

Hinge (B) Pin Height (mm)



→ Payload (SAE J1197)

— Payload (CEN EN 474-3 - Rough Terrain

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.

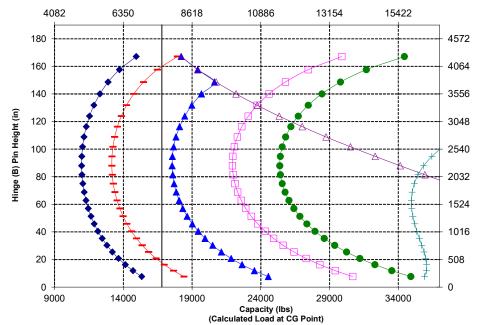
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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 rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or

tipping load on firm and level ground or hydraulic limit.

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

Capacity (kg) (Calculated Load at CG Point)



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



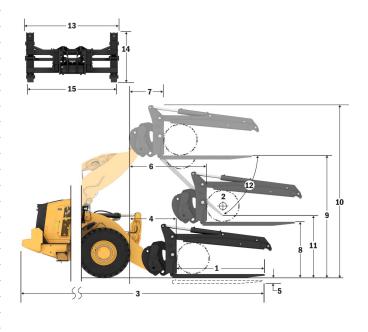
WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

^{*}Negative values indicate below grade

Fork Specifications

. •	in opcomoducio		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	14236
		lbs kg	31377 12295
	Static Tipping Load - Articulated (Forks Level)	lbs	27098
	Dated Load (CAE 14407 FOR/ FTCTL)	kg	6147
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13549
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7377
	,	lbs	16259
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	9836 21678
_		mm	10406
3	Maximum Overall Length	in	409.7
4	Reach with Forks at Ground Level	mm	1091
	Neach with Forks at Glound Level	in	42.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-109
_	<u> </u>	in mm	-4.3 1682
6	Reach with Arms Horizontal and Forks Level	in	66.2
7	Deach with Fork at Maximum Height	mm	815
	Reach with Fork at Maximum Height	in	32.1
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1947
	<u> </u>	in	76.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4031 158.7
	0	mm	5493
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	216.3
11	Clearance at Full Lift and Max Dump	mm	2016
	Oldaranio at Fan Ent and max bamp	in	79.4
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm	3131
	Overall Garriage vitati	in	123.3
14	Overall Carriage Height	mm	1553
_	`	in mm	61.1 2991
15	Outside Tine Width (max spread)	in	117.8
16	Outside Tine Width (min spread)	mm	2991
-16	Outside Title Width (Hill Spread)	in	117.8
	Tine Width (single tine)	mm	200.0
		in	7.9
	Tine Thickness	mm in	90.0 3.5
	Operating Weight	kg	25315
	Operating Weight	lbs	55794
	Active-Clamp Tine Lift Capacity	kg	7621
	Tours Startip Title Ent Supusity	lbs	16796
	Tine Capacity	kg	12701
	• •	lbs	27993

966 LOG 96" Tine Pipe & Pole 30" Row, Pin-On 447-9939



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

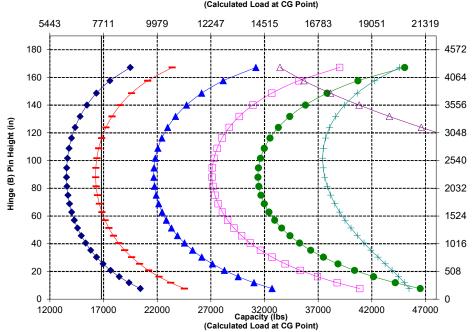


NOTE: Static tipping loads and operating weight are based on the following loader configuration:
Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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



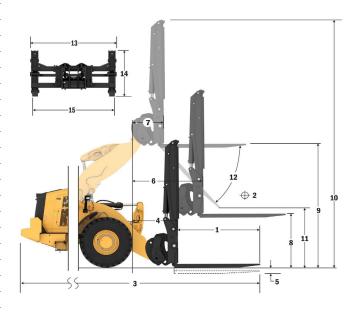
WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
_	1 10 1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	11865
	Static Tipping Load - Straight (Forks Level)	lbs	26151
	Static Tipping Load - Articulated (Forks Level)	kg	10310
	Otatio Tipping Load Titilodiated (Folio Level)	lbs	22724
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5155
	114104 2044 (6712 07107 00701 1012)	lbs	11362
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6186
		lbs	13634
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8248
		lbs	18179
3	Maximum Overall Length	mm	10406
	<u> </u>	in	409.7
4	Reach with Forks at Ground Level	mm	1091
		in	42.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-109
	<u> </u>	in	-4.3
6	Reach with Arms Horizontal and Forks Level	mm	1682
		in	66.2 815
7	Reach with Fork at Maximum Height	mm	32.1
	<u> </u>	in mm	1947
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	76.7
		mm	4031
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.7
		mm	7103
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	279.7
		mm	2016
11	Clearance at Full Lift and Max Dump	in	79.4
	M 5: 1 A 1 C 11 : 11		
12	Max Discharge Angle from Horizontal	deg	45
40	O N/i-th	mm	3131
13	Overall Carriage Width	in	123.3
44	Overall Carriage Height	mm	3163
14	Overall Carnage Height	in	124.5
15	Outside Tine Width (max spread)	mm	2991
10	Outside Title Width (max spread)	in	117.8
16	Outside Tine Width (min spread)	mm	2991
	Outside Title Width (milit spread)	in	117.8
	Tine Width (single tine)	mm	200.0
	····- ··· /-····g·> ****>/	in	7.9
	Tine Thickness	mm	90.0
	1005 100500555	in	3.5
	Operating Weight	kg	25315
	-1 0 0 .	lbs	55794
	Tine Capacity	kg	12701
	- 1 /	lbs	27993

966 LOG 96" Tine Pipe & Pole Open Clamp, Pin-On 447-9939



Hinge (B) Pin Height (mm)

+ Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

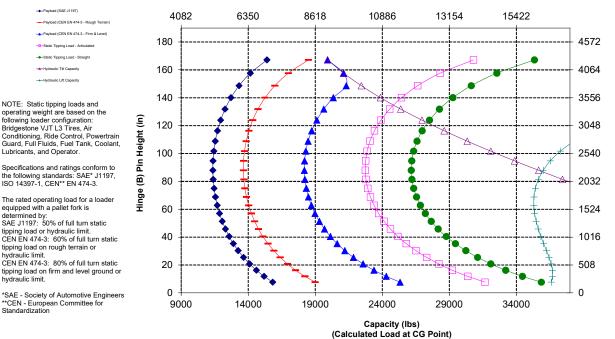
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

hydraulic limit. CEN EN 474-3: 80% of full turn static

Capacity (kg) (Calculated Load at CG Point)



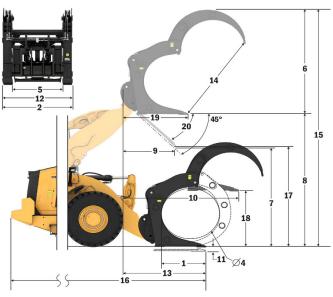
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specificat	ions
-----------------	------

1	Tine length	mm	1221 48.1
		in	1943
2	Fork width	mm in	76.5
		m2	3.1
	End area	ft2	33
_	Inside Height	mm	0
3	(only applies to double top clamp)	in	Ö
_	Min. opening	mm	1390
4	(only applies to millyard forks)	in	55
		kg	24892
	Operating Weight	lbs	54877
_		mm	1402
5	Distance inside of tine tips	in	55
	Static tipping load, articulated	kg	12221
	Fork level	lbs	26942.2
	Static tipping load, straight	ka	14033
	Fork level	lbs	30937.5
_	Max, height of fork	mm	3762
6	(w/clamp open if applicable)	in	148.1
7	Clearance w/full lift, 45 deg dump	mm	3086
′	(if max. dump <> 45)	in	121.5
8	Clearance @ full lift fork level	mm	3925
۰	Clearance @ rull lift lork level	in	154.5
9	Reach w/full lift, 45 deg dump	mm	1103
•	(if max. dump <> 45)	in	43.4
10	Reach w/lift arm horizontal and fork level	mm	2584
	Treadil Will and Honzontal and John Jevel	in	101.7
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-125
	Cloure to Bottom of 1001 at William Holght and 1001 Ecver	in	-4.9
12	Width over tines	mm	1938
		in	76.3
13	Reach @ ground level	mm	1934
	Trough & ground love.	in	76
14	Max. opening across tine and clamp	mm	3465
		in	136.4
15	Overall height of fork @ full lift and	mm	7687
	clamp open	in	302.7
16	Overall length	mm	8810
	Tip of tine to rear of machine	in	346.9
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	3088 121.6
	Clearance w/horizontal lift arms and	mm	1842.0
18	fork level	in	72.5
		mm	1716.2
	Reach @ full lift and fork level	in	67.6
19			
20	Max. discharge angle from horizontal	deq	45





*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

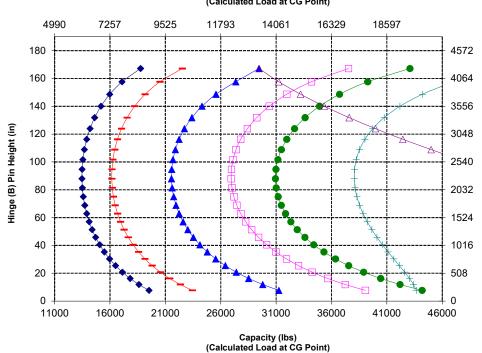


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT 1.3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

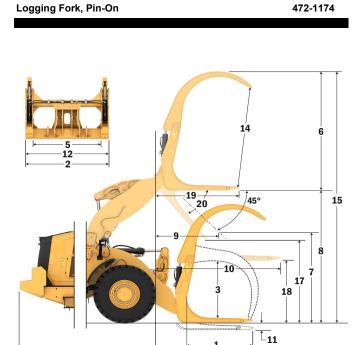
*SAE - Society of Automotive Engineers
**CEN - European Committee for
Standardization



Fork Specifications

Fork Specifications

1	Tine length	mm	1611
	Tille length	in	63.4
2	Fork width	mm	2500
	1 OIK WIGHT	in	98.4
	End area	m2	1.42
		ft2	15
3	Inside Height	mm	1259
	(only applies to double top clamp)	in	50
4	Min. opening	mm	N/A
	(only applies to millyard forks)	in	N/A
	Operating Weight	kg	24840
		lbs	54762
5	Distance inside of tine tips	mm	1892
	·	in	74
	Static tipping load, articulated	kg	13809
	Fork level	lbs	30443.1
	Static tipping load, straight	kg	15820
	Fork level	lbs	34876.0
6	Max. height of fork	mm	2700
	(w/clamp open if applicable)	in	106.3
7	Clearance w/full lift, 45 deg dump	mm	2857
	(if max. dump <> 45)	in	112.5
8	Clearance @ full lift fork level	mm	3981
	Death wife II life AC death down	in	156.7 1410
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm	
	(II max. dump <> 45)	in	55.5 2962
10	Reach w/lift arm horizontal and fork level	mm	
		in	116.6 -69
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-69 -2.7
_			2414
12	Width over tines	mm	95.0
_		in	2267
13	Reach @ ground level	mm in	89



63" Tine

Hinge (B) Pin Height (mm)

20 Max. discharge angle from horizontal

14 Max. opening across tine and clamp

Overall length
Tip of tine to rear of machine

19 Reach @ full lift and fork level

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

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

clamp open

fork level

Overall height of fork @ full lift and

Clearance @ full lift and max. dump Discharge (if <> 45)

Clearance w/horizontal lift arms and

Capacity (kg) (Calculated Load at CG Point)

89 2493

6680 mm

> 9143 360.0

2861

1126

1897.5 mm

82.5

8.0

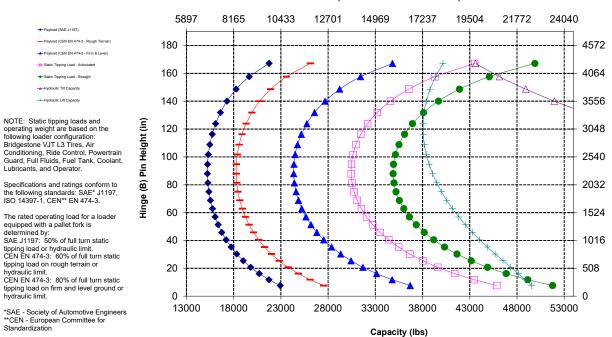
in 98.1

mm

in

mm 2094.8

deg 45 966 LOG



(Calculated Load at CG Point)

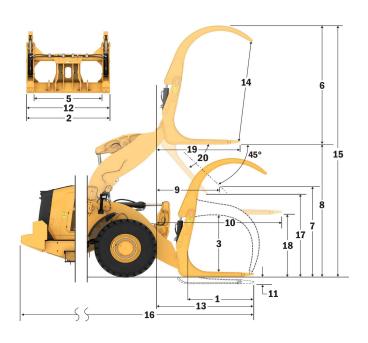
hydraulic limit.

^{*}Negative values indicate below grade

Fork Specifica	tions
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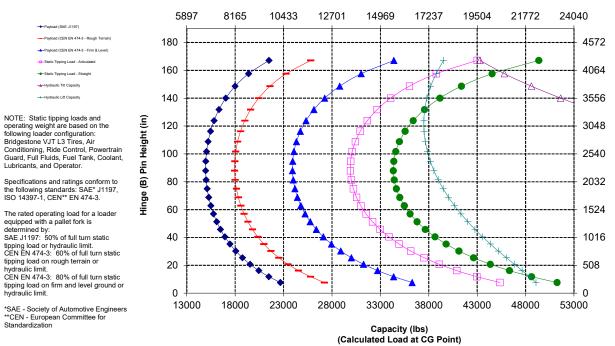
	k opecifications		
1	Tine length	mm	1611 63.4
		in mm	2500
2	Fork width	in	98.4
		m2	1.42
	End area	ft2	15
_	Inside Height	mm	1259
3	(only applies to double top clamp)	in	50
_	Min. opening	mm	N/A
4	(only applies to millyard forks)	in	N/A
	0 6 14 11	kg	25114
	Operating Weight	lbs	55367
_	District the second	mm	1892
5	Distance inside of tine tips	in	74
	Static tipping load, articulated	kg	13562
	Fork level	lbs	29899.3
	Static tipping load, straight	kg	15573
	Fork level	lbs	34332.4
6	Max. height of fork	mm	2700
0	(w/clamp open if applicable)	in	106.3
7	Clearance w/full lift, 45 deg dump	mm	2857
′	(if max. dump <> 45)	in	112.5
8	Clearance @ full lift fork level	mm	3981
٥	Clearance @ full lift lork level	in	156.7
9	Reach w/full lift, 45 deg dump	mm	1410
9	(if max. dump <> 45)	in	55.5
10	Reach w/lift arm horizontal and fork level	mm	2962
	Treath Will all Holizontal and longity	in	116.6
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-69
•••	Glound to Bottom of 1001 at Millimian Holght and 1001 Eevel	in	-2.7
12	Width over tines	mm	2414
	THE STORES	in	95.0
13	Reach @ ground level	mm	2267
	Trough & ground love.	in	89
14	Max. opening across tine and clamp	mm	2493
		in	98.1
15	Overall height of fork @ full lift and	mm	6680
	clamp open	in	263.0
16	Overall length	mm	9143
	Tip of tine to rear of machine	in	360.0
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2861 112.6
	Clearance w/horizontal lift arms and	mm	1897.5
18	fork level	in	74.7
		mm	2094.8
			2004.0
19	Reach @ full lift and fork level		82.5
	Reach @ full lift and fork level Max. discharge angle from horizontal	in	82.5 45





*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



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

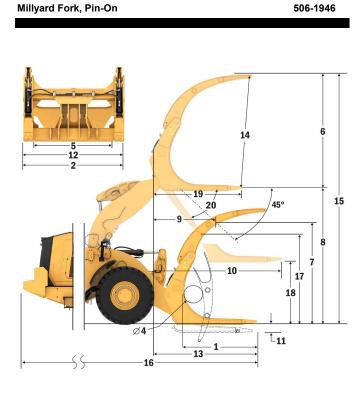
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

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.

Fork Specifications

rk Specifications		
Tine length	mm	1611
		63.4
Fork width		2508
		98.8
End area		1.59
		17
		0
		0
		662
(Only applies to miliyard lorks)		26
Operating Weight		25144
		55433
Distance inside of tine tips		1907
Ct-ti-tiilddis-d-td		75
		13212
		29126.4
		15193
		33495.2
		2805
		110.4 2857
(II max. dump <> 45)		112.5
Clearance @ full lift fork level		3981 156.7
Pooch w/full lift 45 dog dump		1410
		55.5
(II max. dump < 40)		2962
Reach w/lift arm horizontal and fork level		116.6
		-69
*Ground to Bottom of Tool at Minimum Height and Tool Level		-2.7
		2413
Width over tines		95.0
		2267
Reach @ ground level		89
		2727
Max. opening across tine and clamp		107.4
Overall height of fork @ full lift and		6786
		267.2
	mm	9143
		360.0
	mm	2861
	in	112.6
		1897.8
fork level		74.7
		2095.0
Reach @ full lift and fork level		82.5
		45
Max. discharge angle from horizontal	•	0.8
	Fork width End area Inside Height (only applies to double top clamp) Min. opening (only applies to millyard forks) Operating Weight Distance inside of tine tips Static tipping load, articulated Fork level Static tipping load, straight Fork level Max. height of fork (wclamp open if applicable) Clearance wifull lift, 45 deg dump (if max. dump <> 45) Clearance @ full lift fork level Reach willi lift, 45 deg dump (if max. dump <> 45) Reach willi farm horizontal and fork level Width over tines Reach @ ground level Max. opening across tine and clamp Overall height of fork @ full lift and clamp open Overall length Tip of tine to rear of machine Clearance @ full lift and max. dump Discharge (if <> 45) Clearance @ full lift and max. dump Discharge (if <> 45) Clearance @ full lift arms and	Tine length mm in Fork width mm in Fork width mm mm in Fork width mm mm max max max max max max max max m



63" Tine

966 LOG

Capacity (kg) (Calculated Load at CG Point) NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Hinge (B) Pin Height (mm) Pin Height (in) 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. Hinge (B) 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: 80% 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 Capacity (lbs) (Calculated Load at CG Point)

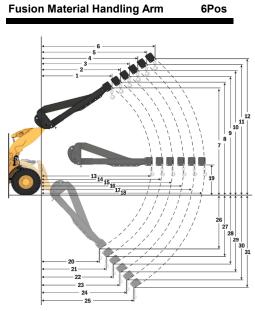
8.0

^{*}Negative values indicate below grade

Material Handling Arm Specifications

966 LOG

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	mm	1,823	1,936	2,049	2,162	2,275	2,388
Wax Lift - Floor Reacti (1, 2, 3, 4, 5, 0)	ft, in	5' 11"	6' 4"	6' 8"	7' 1"	7' 5"	7' 10"
March 16 - 14 - 14 - 14 - 17 - 10 - 10 - 11 - 10 - 10 - 11 - 10 - 11 - 10 - 11 - 10 - 11 - 10 -	mm	7,218	7,501	7,784	8,067	8,350	8,633
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	23' 8"	24' 7"	25' 6"	26' 5"	27' 4"	28' 3"
Lovel Hook Dooch (12 14 15 16 17 10)	mm	4,553	4,858	5,162	5,467	5,772	6,077
Level - Hook Reach (13, 14, 15, 16, 17, 18)	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
Lovel Hook Height (10)	mm	1,937	1,937	1,937	1,937	1,937	1,937
Level - Hook Height (19)	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
Mark B. Hart Break (00, 04, 00, 00, 04, 05)	mm	1,720	1,852	1,983	2,114	2,245	2,377
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	5' 7"	6' 0"	6' 6"	6' 11"	7' 4"	7' 9"
NE-126 11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	mm	(2,871)	(3,146)	(3,421)	(3,696)	(3,971)	(4,246)
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Chadia Timping Land Charinha	kg	9,131	8,641	8,200	7,801	7,438	7,107
Static Tipping Load, Straight	lb	20,125	19,045	18,073	17,193	16,394	15,663
Out Taring Land Advantage	kg	8,060	7,627	7,237	6,885	6,564	6,271
Static Tipping Load, Articulated	lb	17,765	16,810	15,951	15,174	14,467	13,821
	kg	23,488	23,488	23,488	23,488	23,488	23,488
Operating Weight		E1 767	E1 767	E1 767	E1 767	E1 767	E1 767



6Pos

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



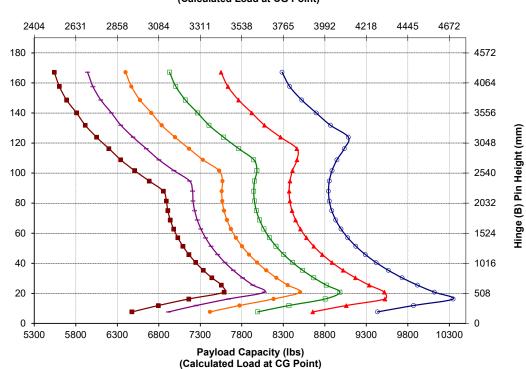
operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lybrigert and Operater Lubricants, and Operator.

Hinge (B) Pin Height (in)

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

*SAE - Society of Automotive Engineers





966 XE

Corrosion Resistant

The Cat® 966 XE 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 C9.3B 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

- 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.
- Heavy-duty axles are designed to handle extreme applications.

Superior Fuel Efficiency and Productivity

- · Low fuel burn for exceptional efficiency.
- Deep system integration of the Cat continuously variable transmission, engine, hydraulic, and cooling systems results in significantly increased performance and fuel efficiency.
- Eliminating the torque converter allows the capability to control engine rpm and machine speed independently, resulting in efficient digging, fine control, and easy operation.
- Lower rated engine speed reduces component wear and operating noise.

Safety Features

- Rear Vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional Surround Vision provides 3600 visibility around the machine, enhancing an operator's situational awareness.
- Collision Mitigation System utilizes an integrated and intelligent sensor array to provide reverse collision warnings, detect people, inhibit motion, and enable automatic emergency braking.
- Cat Command remote control lets operators work safely from a distance.
- Cab access with wide door, optional remote door opening, and stair-like steps adds solid stability.
- Floor-to-ceiling windshield and large mirrors with integrated spot mirrors provide industry leading all-around visibility.

Reduced Maintenance Time and Costs

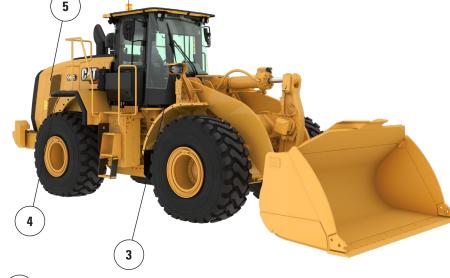
- Extended fluid and filter change intervals help to reduce maintenance costs.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up 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.

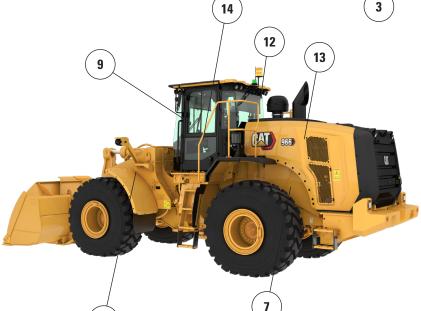
Work in Comfort in the All New Cab

- Optional powered cabin precleaner filters the incoming air and pressurize 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.

966 XE Corrosion Resistant Features

- 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

Note: For machine performance data please refer to page 7.

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

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

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AEXQ4420-00 (11-2025) Build Number: 14C (N Am, Europe, Aus-NZ, Türkiye, Chile, Colombia)

