

# 966 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 – (U.S. EPA Tier 3/Stag	e IIIA equiv	alent)	
Engine Model	Cat® C9.3B		
Engine Power @ 1,600 rpm –	239 kW	321 hp	
ISO 14396:2002	325 hp (metri	ic)	
Gross Power @ 1,600 rpm –	242 kW	325 hp	
SAE J1995:2014	329 hp (metri	ic)	
Net Power @ 1,600 rpm –	226 kW	303 hp	
ISO 9249:2007, SAE J1349:2011	307 hp (metric)		
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 –	1702 N·m	1,255 lbf-ft	
ISO 9249:2007, SAE J1349:2011			
Bore	115 mm		
Stroke	149 mm		
Displacement	9.3 L		

- Cat engine meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Nonroad Stage III.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and muffler.
- Cat engines are compatible with diesel fuel blended with following lower-carbon intensity fuels\*\* up to:
- 100% biodiesel FAME (fatty acid methyl ester)\*
- 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

- \* For use of blends higher than 20% biodiesel, consult your Cat dealer.
- \*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

<b>Bucket Capacities</b>		
Bucket Range	2.80-11.90 m <sup>3</sup>	3.75-15.50 yd <sup>3</sup>
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<sup>TM</sup>, 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.

<b>Operating Specifications</b>		
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	6.7 km/h	4.2 mph
Forward 2	13.5 km/h	8.4 mph
Forward 3	24.2 km/h	15.0 mph
Forward 4	39.5 km/h	24.5 mph
Reverse 1	7.3 km/h	4.5 mph
Reverse 2	14.8 km/h	9.2 mph
Reverse 3	26.6 km/h	16.5 mph
Reverse 4	39.5 km/h	24.5 mph

 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 (2,275 rpm)	373 L/min	99 gal/min		
Maximum Operating Pressure	31 000 kPa	4,496 psi		
Optional 3 <sup>rd</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min		
Optional 3 <sup>rd</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi		
Optional 4 <sup>th</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min		
Optional 4 <sup>th</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi		
Hydraulic Cycle Time with Rated Payloa	d:			
Raise from Carry Position	6.1 seconds			
Dump, at Maximum Raise	1.4 seconds			
Lower, Empty, Float Down	2.6 seconds			
Total	10.1 seconds			
Brakes				
Brakes	Brakes meet standards	ISO 3450:2011		
Axles				
Front	Fixed			

Service Refill Capacities						
Fuel Tank	303 L	80.1 gal				
Cooling System	66 L	17.4 gal				
Crankcase	23 L	6.1 gal				
Transmission	58.5 L	15.5 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

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

standards

Sound Performance	
Operator Sound Pressure Level (ISO 6396:2008)	72 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	109 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	69 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	108 dB(A)

<sup>\*</sup>Including countries that adopt the EU and UK Directives

#### **Air Conditioning System**

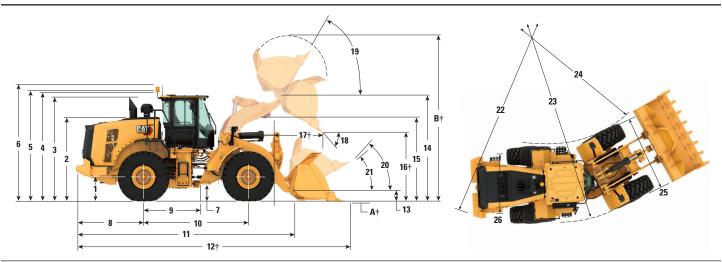
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

- 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).

<sup>\*\*</sup>EU Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701

### **Dimensions**

All dimensions are approximate.



		Standar	Standard Lift		High Lift	
1	Height to Axle Centerline	809 mm	2'7"	809 mm	2'7"	
2	Height to Top of Hood	2850 mm	9'5"	2850 mm	9'5"	
3	Height to Top of Exhaust Pipe	3531 mm	11'8"	3531 mm	11'8"	
4	Height to Top of ROPS	3593 mm	11'10"	3593 mm	11'10"	
5	Height to Top of Product Link <sup>TM</sup> Antenna	3607 mm	11'11"	3607 mm	11'11"	
6	Height to Top of Warning Beacon	3871 mm	12'9"	3871 mm	12'9"	
7	Ground Clearance	424 mm	1'4"	424 mm	1'4"	
8	Center Line of Rear Axle to Edge of Counterweight	2290 mm	7'7"	2458 mm	8'1"	
9	Center Line of Rear Axle to Hitch	1775 mm	5'10"	1775 mm	5'10"	
10	Wheelbase	3550 mm	11'8"	3550 mm	11'8"	
11	Overall Length (without bucket)	7399 mm	24'4"	8069 mm	26'6"	
12	Shipping Length (with bucket level on ground)*†	8851 mm	29'1"	9521 mm	31'3"	
13	Hinge Pin Height at Carry Height	635 mm	2'0"	782 mm	2'6"	
14	Hinge Pin Height at Maximum Lift	4245 mm	13'11"	4804 mm	15'9"	
15	Lift Arm Clearance at Maximum Lift	3687 mm	12'1"	4183 mm	13'8"	
16	Dump Clearance at Maximum Lift and 45° Discharge*†	3001 mm	9'10"	3560 mm	11'8"	
17	Reach at Maximum Lift and 45° Discharge*†	1350 mm	4'5"	1326 mm	4'4"	
18	Dump Angle at Maximum Lift and Dump (on stops)*	49 deg	rees	48 deg	rees	
19	Rack Back at Maximum Lift*	62 deg	rees	71 deg	rees	
20	Rack Back at Carry Height*	50 deg	rees	49 deg	rees	
21	Rack Back at Ground*	39 deg	rees	37 degrees		
22	Clearance Circle (dia) to Counterweight	13 588 mm	44'7"	13 608 mm	44'8"	
23	Clearance Circle (dia) to Outside of Tires	13 621 mm	44'9"	13 621 mm	44'9"	
24	Clearance Circle (dia) to Inside of Tires	7598 mm	25'0"	7598 mm	25'0"	
25	Width over Tires (unloaded)	2978 mm	9'10"	2978 mm	9'10"	
	Width over Tires (loaded)	3012 mm	9'11"	3012 mm	9'11"	
26	Tread Width	2230 mm	7'3"	2230 mm	7'3"	

<sup>†</sup>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.

<sup>\*</sup>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	2960 mm	2959 mm	2937 mm	2942 mm	3046 mm
( 1 3)	9'10"	9'9"	9'9"	9'8"	9'8"	10'0"
Width over Tires – Maximum (loaded)*	3012 mm	2991 mm	2983 mm	2948 mm	2960 mm	3070 mm
	9'11"	9'10"	9'10"	9'9"	9'9"	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"	0 mm 0"	-24 mm -0.9"	-4 mm -0.2"
Change in Clearance Circle to Outside of Tires		-21 mm	-29 mm	-63 mm	-52 mm	54 mm
		-0.8"	-1.1"	-2.5"	-2.0"	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	972 kg	-364 kg	112 kg	856 kg
		1,014 lb	2,143 lb	-803 lb	247 lb	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	627 kg	-235 kg	72 kg	552 kg
		654 lb	1,382 lb	-518 lb	159 lb	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	3005 mm	3049 mm	2947 mm	2986 mm	3063 mm
	9'11"	9'11"	10'1"	9'9"	9'10"	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	12 mm	-33 mm	65 mm	31 mm	-47 mm
change in clearance choic to histor of thes	-0.2"	0.5"	-1.3"	2.6"	1.2"	-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	-202 lb -106 kg	462 kg	431 kg	-20 to	552 kg	547 kg
Change in Static Tipping Load – Afticulated	-106 kg -233 lb	1,018 lb	949 lb	-10 kg -23 lb	332 kg 1217 lb	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	310 mm	310 mm	502 mm	310 mm	310 mm
	1'8"	1'1"	1'1"	1'8"	1'1"	1'1"

<sup>\*</sup>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"

			BRAWLER HPS SOLIDFLEX SOFTRIDE	BRAWLER HPS SOLIDFLEX TRACTION
Tire Brand	GOODYEAR	GOODYEAR	SMOOTH	SM00TH
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"

<sup>\*</sup>Width over tire bulge and includes tire growth.

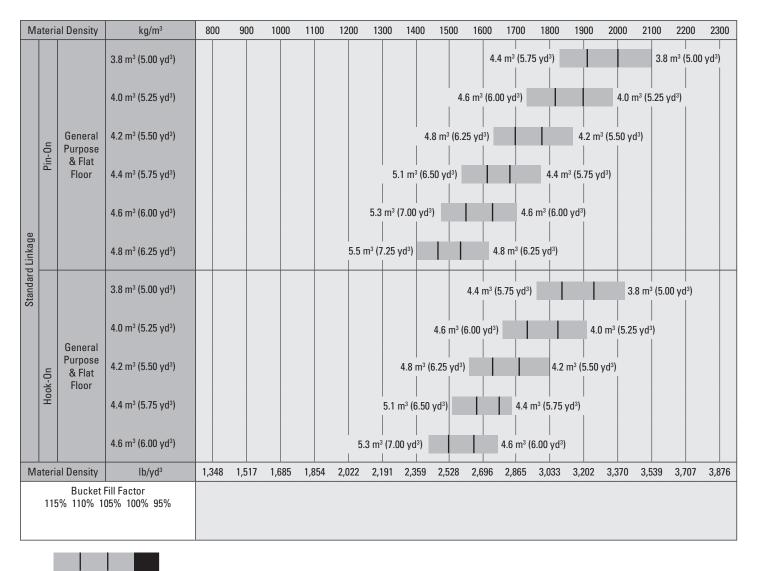
#### **Bucket Fill Factors and Selection Guide**

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 (%)*	<b>Material Density</b>
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

<sup>\*</sup>As a % of ISO 7546:1983 rated capacity.

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



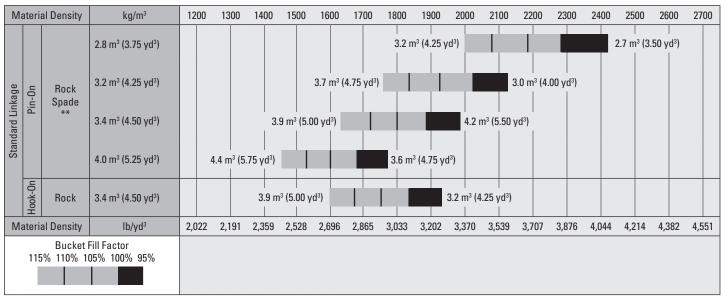
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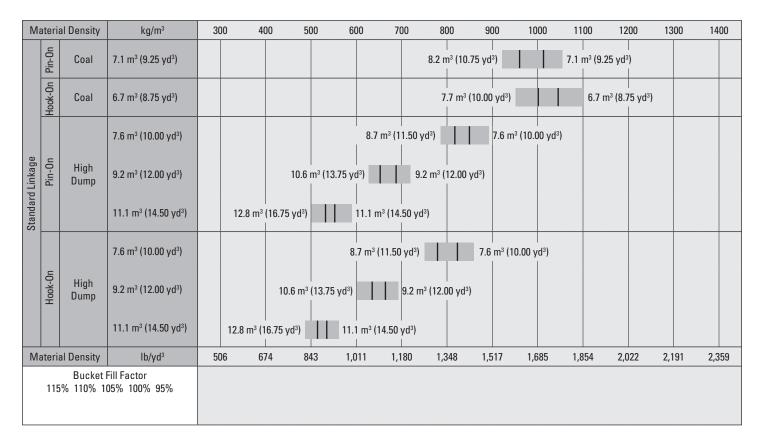
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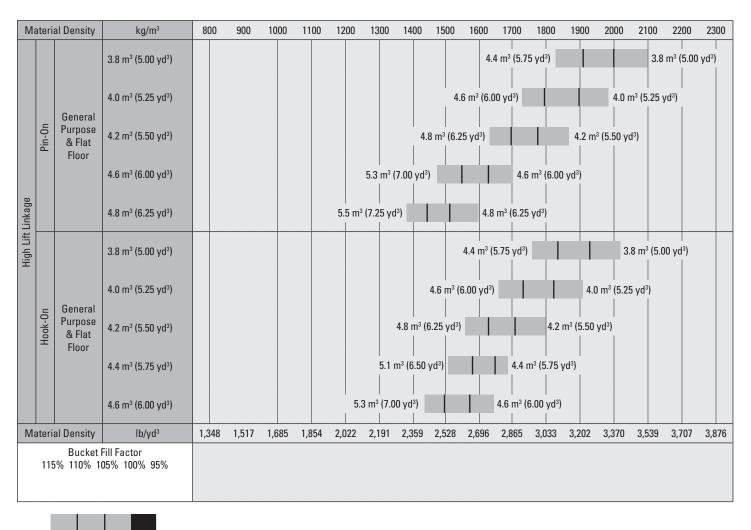
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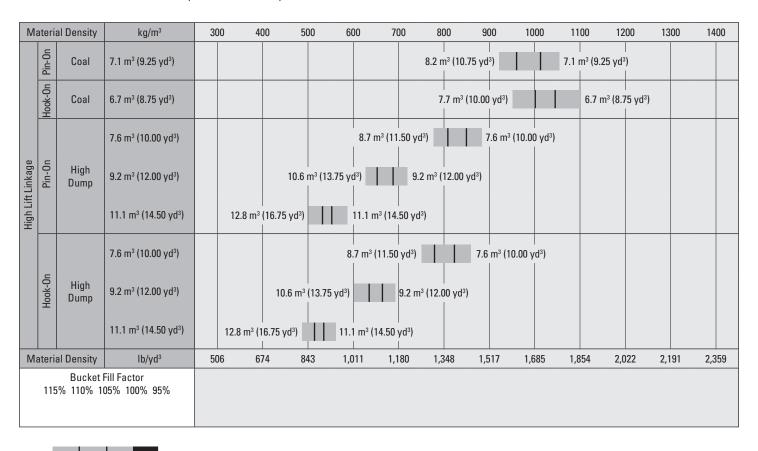
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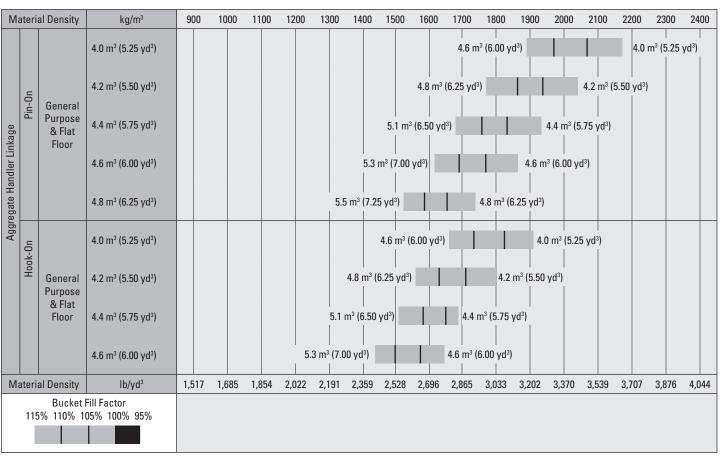
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#### **Operating Specifications – Buckets**

Linkage		Standar	d 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 <sup>3</sup>	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>B</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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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	rd 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
	yd³	5.50	5.50	6.00	6.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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"
<b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge	mm	3001	2832	2987	2829
	ft/in	9'10"	9'3"	9'9"	9'3"
17† 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"
12† Overall Length	mm	8852	9096	8870	9101
	ft/in	29'1"	29'11"	29'2"	29'11"
<b>B</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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	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"
2† Overall Length	mm	8798	9023	8813	9042
	ft/in	28'11"	29'8"	28'11"	29'8"
<b>B</b> <sup>†</sup> 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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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	$m^3$	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"
2† Overall Length	mm	8900	9126	8916	9142
	ft/in	29'3"	30'0"	29'4"	30'0"
<b>B</b> <sup>†</sup> 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

<sup>\*</sup>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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

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

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

<sup>(</sup>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 <sup>3</sup>	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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 – 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 <sup>3</sup>	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	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>B</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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 – 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 <sup>3</sup>	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			
· · ·	lbf	38,560	37,473	36,323	34,227			
Dump Clearance at Maximum Lift and 45° Discharge  Reach at Maximum Lift and 45° Discharge  Reach at Level Lift Arm and Bucket Level  Digging Depth  Overall Length  Overall Height with Bucket at  Maximum Lift  Loader Clearance Circle Radius with Bucket at Carry Position  Static Tipping Load, Straight (With tire deflection)  Static Tipping Load, Straight (No tire deflection)  Static Tipping Load, Articulated (With tire deflection)  Static Tipping Load, Articulated (With tire deflection)	kg	23 375	23 299	23 437	23 762			
	lb	51,518	51,351	51,655	52,371			

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	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"	
<b>16</b> † 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>B</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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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	ard 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 <sup>3</sup>	3.40	4.00	3.40	3.20
	yd³	4.50	5.25	4.50	4.25
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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>B</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

<sup>\*</sup>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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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"				
<b>16</b> † 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	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				

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	7.60	9.20	11.10	7.60	9.20	11.10		
	yd³	10.00	12.00	14.50	10.00	12.00	14.50		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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	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>B</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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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	
	$yd^3$	5.00	5.00	5.25	5.25	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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	3635	3459	3626	3450	
	ft/in	11'11"	11'4"	11'10"	11'3"	
7† 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"	
2† 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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	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"		
<b>16</b> † 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>B</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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 Lit	ft 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 <sup>3</sup>	3.80	3.80	4.00	4.00	
	yd³	5.00	5.00	5.25	5.25	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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"	
<b>16</b> † 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>B</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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	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"	
<b>16</b> † 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>B</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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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		
	$yd^3$	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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	3518	3355	3489	3327		
	ft/in	11'6"	11'0"	11'5"	10'10"		
7† 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"		
<b>2</b> † 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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	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	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			

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

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

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

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

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

#### **Operating Specifications – Buckets (continued)**

Linkage	High Lift Linkage						
Bucket Type		Flat Floor – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	$m^3$	4.20	4.20	4.40	4.40		
	yd³	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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	3467	3304	3440	3277		
	ft/in	11'4"	10'10"	11'3"	10'9"		
7† 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"		
2† 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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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, Spade – 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	m³	3.40	4.00	3.40	3.20		
	yd³	4.50	5.25	4.50	4.25		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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"		
<b>16</b> † 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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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	m³	3.60	3.60			
	yd³	4.75	4.75			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00			
	$yd^3$	5.25	5.25			
Width	mm	3677	3677			
	ft/in	12'0"	12'0"			
<b>16</b> † 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"			
<b>2</b> † Overall Length	mm	9576	9649			
	ft/in	31'5"	31'8"			
<b>B</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)	1b	34,937	31,315			
Static Tipping Load, Straight	kg	16 854	15 056			
(No tire deflection)	1b	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)	1b	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			

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 <sup>3</sup>	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 <sup>3</sup>	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>B</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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

<sup>(§)</sup> 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 General Purpose – Pin-On					
Bucket Type						
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 <sup>3</sup>	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"	
<b>16</b> † Dump Clearance at Maximum Lift and 45° Discharge	mm	3077	2901	3068	2892	
	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	8919	9173	8931	9184	
	ft/in	29'4"	30'2"	29'4"	30'2"	
<b>B</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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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 General Purpose – Pin-On					
Bucket Type						
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 <sup>3</sup>	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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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			<b>General Purpose</b>	– 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 <sup>3</sup>	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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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 <sup>3</sup>	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"
<b>16</b> † 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>B</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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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 <sup>3</sup>	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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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			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 <sup>3</sup>	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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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 – 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 <sup>3</sup>	4.40	4.60	4.80	6.00	
	yd³	5.75	6.00	6.25	7.75	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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	9028	9069	9108	9278	
	ft/in	29'8"	29'10"	29'11"	30'6"	
<b>B</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	
1	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	

<sup>\*</sup>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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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			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 <sup>3</sup>	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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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		Side Dump – Pin-On	Side Dump – Hook-On – Fusion
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	3.63	3.63
	yd³	4.75	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	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	2899	2852
	ft/in	9'6"	9'4"
7† 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	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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

<sup>(§)</sup> 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		Aggre	egate Handler Li	nkage		
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 <sup>3</sup>	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 <sup>3</sup>	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>B</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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

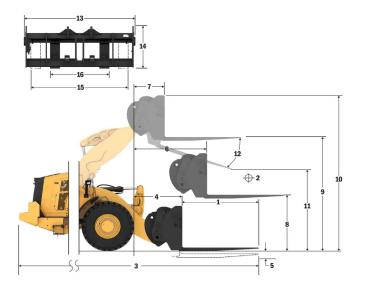
<sup>(§)</sup> Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

#### **Fork Specifications**

Fork	Snacif	fications

Fo	rk Specifications		
1	Tine Length	mm	1524
		in	60.0
2	Load Center	mm in	762 30.0
		kg	12382
	Static Tipping Load - Straight (Forks Level)	lbs	27289
	Otatic Timeira I and Additional (Forder Lavel)	kg	10976
	Static Tipping Load - Articulated (Forks Level)	lbs	24192
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5488
	Traced Load (OAL 31137 - 30 % 1 101L)	lbs	12096
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6586
		lbs	14515
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8656
_		lbs	19078
3	Maximum Overall Length	mm in	9359 368.5
_		mm	1126
4	Reach with Forks at Ground Level	in	44.3
_	*O O (T	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
٥	Neach With Affils Horizontal and Porks Level	in	66.7
7	Reach with Fork at Maximum Height	mm	826
_	Treadil Will Folk at Maximum Fleight	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
_	<u> </u>	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
_	<u> </u>	in mm	155.5 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	don	43
12	Max Discharge Angle from Horizontal	deg	
13	Overall Carriage Width	mm	2217
	Oreitan Carriage Trian	in	87.3
14	Overall Carriage Height	mm	840
_		in mm	33.1 2070
15	Outside Tine Width (max spread)	in	81.5
		mm	470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	Title Width (Single title)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg	6300
		lbs	13885
	Operating Weight	kg lbs	22225 48983
		เมธ	40300





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.

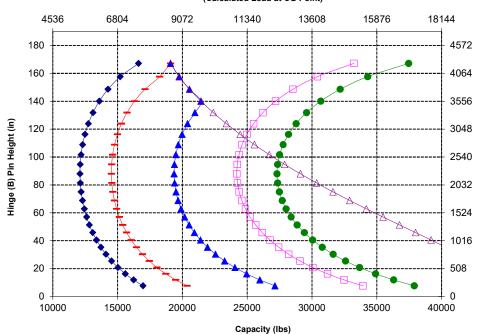
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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)

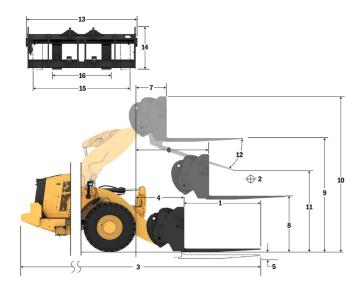
<sup>\*</sup>Negative values indicate below grade

## **Fork Specifications**

F	ork	St	ecifications
	V: IX	~	Journoulions

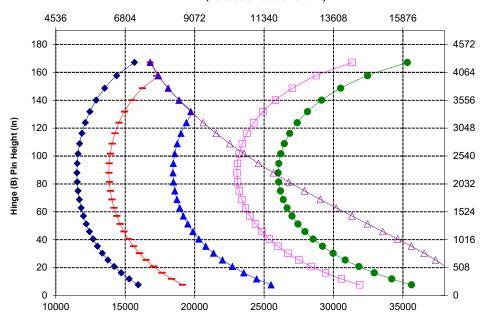
Fο	rk Specifications		
1	Tine Length	mm	1830
_	g	in	72.0
2	Load Center	mm in	915 36.0
_		kg	11799
	Static Tipping Load - Straight (Forks Level)	lbs	26004
	Static Tipping Load - Articulated (Forks Level)	kg	10454
	Static Tipping Load - Articulated (Forks Level)	lbs	23042
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5227
	Traica Load (G/IL 01101 GG/01 TGTL)	lbs	11521
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6273
	,	lbs	13825
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7618
_		lbs mm	16790 9665
3	Maximum Overall Length	in	380.5
_		mm	1126
4	Reach with Forks at Ground Level	in	44.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-166
9	Ground to Bottom of Time at Minimum Height and Fork Level	in	-6.5
6	Reach with Arms Horizontal and Forks Level	mm	1694
_	Trought Will 7 time Fronzental and Forks Edver	in	66.7
7	Reach with Fork at Maximum Height	mm	826
		in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
_		in mm	73.4 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
11	Clearance at Full Lift and Max Dump	mm	2444
11	Clearance at Full Lift and Max Dump	in	96.2
12	Max Discharge Angle from Horizontal	deg	43
		mm	2217
13	Overall Carriage Width	in	87.3
4.4	Overall Carriage Height	mm	840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	Odibide Tille Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
_	· ' '	in	18.5
	Tine Width (single tine)	mm	150.0 5.9
		in mm	65.0
	Tine Thickness	in	2.6
	T 0 "	kg	5246
	Tine Capacity	lbs	11562
	6 a 10 11 1 1 1	kg	22272
	Operating Weight		





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 VJTL 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

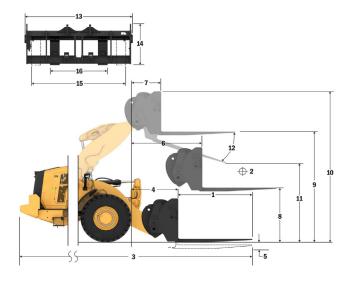
<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

#### Earl Specifications

Fo	rk Specifications		
1	Tine Length	mm	1829
_	g	in	72.0
2	Load Center	mm in	915 36.0
_		kg	11532
	Static Tipping Load - Straight (Forks Level)	lbs	25416
	Static Tipping Load - Articulated (Forks Level)	kg	10184
	Static Tipping Load - Articulated (Forks Lever)	lbs	22445
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5092
		lbs	11222
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	6110 13467
		ka	7807
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17206
_		mm	9615
3	Maximum Overall Length	in	378.5
4	Reach with Forks at Ground Level	mm	1077
	Treach with Forks at Ground Level	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 mm	66.4 818
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
9	Oncome data Torre of Time of Managing and Height and Foods Lowel	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 Freight of Fork at Full Lift (top of carriage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2359
		in	92.9
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	Overall Carriage Wider	in	99.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine (Midth (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THERES	in	3.5
	Tine Capacity	kg	14800
	* 1 - 2	lbs	32619
	Operating Weight	kg	22661
		lbs	49944





\*Negative values indicate below grade

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



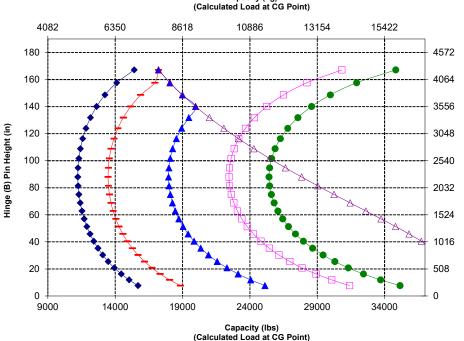
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 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





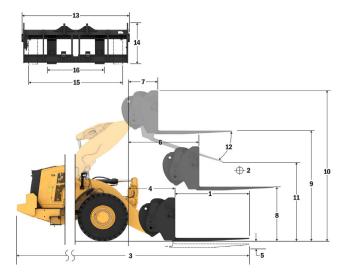
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

## **Fork Specifications**

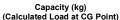
гυ	ik Specifications		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	·	in	48.0 10479
	Static Tipping Load - Straight (Forks Level)	kg Ibs	23096
		kg	9238
	Static Tipping Load - Articulated (Forks Level)	lbs	20361
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4619
	Nated Load (SAE 31197 - 30 % F131L)	lbs	10181
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5543
	Traited Edda (OET ET 17 TO Trough Tollam OO 70 TO TE)	lbs	12217
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6207
	,	lbs	13681
3	Maximum Overall Length	mm in	10224 402.5
		mm	1077
4	Reach with Forks at Ground Level	in	42.4
_	to	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
	Neach with Anns 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	1970
	<u> </u>	in mm	77.5 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
11	Clearance at Full Lift and Max Dump	mm	1899
•••	Clearance at Full Lift and Max Dump	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
	O I I T WENT O	mm	2178
15	Outside Tine Width (max 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
	··· (-···g···-/	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg Ibs	11300 24905
_	*	kg	22786
	Operating Weight	lbs	50220
			30220





Hinge (B) Pin Height (mm)

\*Negative values indicate below grade



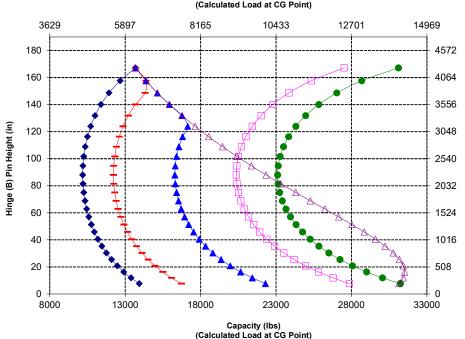


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 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





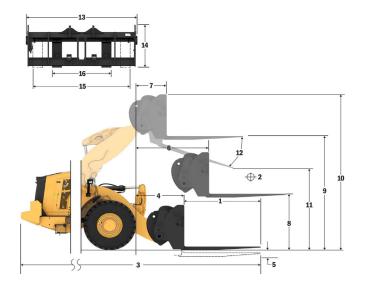
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## **Fork Specifications**

Fork	Specif	ficati	ons

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   and (OFN EN 474 2 Firm and I avel Occurred 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.

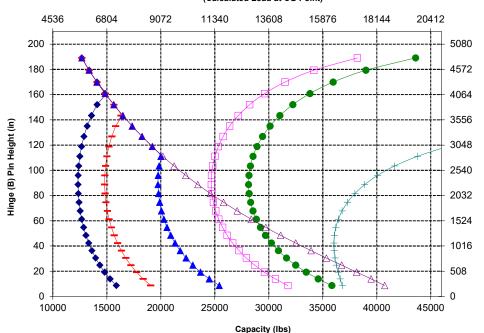
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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

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## 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)

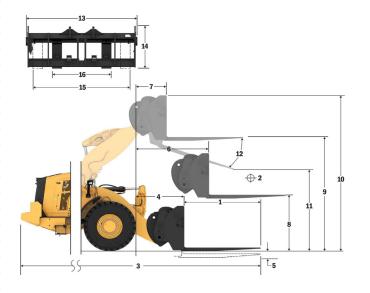
<sup>\*</sup>Negative values indicate below grade

## **Fork Specifications**

F	ork	St	ecifications
	V: IX	~	Journoulions

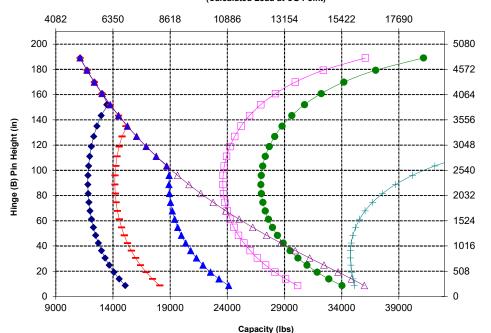
Time Length	2 Lo. State State Ra Ra Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gri 9 Gri 10 Ov	ad Center atic Tipping Load - Straight (Forks Level) atic Tipping Load - Articulated (Forks Level) ated Load (SAE J1197 - 50% FTSTL) ated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) ated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) aximum Overall Length	in mm in kg lbs kg lbs kg lbs kg lbs kg lbs	1830 72.0 915 36.0 12215 26921 10710 23605 5046 11121 5046 11121 5046
1	2 Lo. State State Ra Ra Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gri 9 Gri 10 Ov	ad Center atic Tipping Load - Straight (Forks Level) atic Tipping Load - Articulated (Forks Level) ated Load (SAE J1197 - 50% FTSTL) ated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) ated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) aximum Overall Length	mm in kg lbs kg lbs kg lbs kg lbs kg lbs	915 36.0 12215 26921 10710 23605 5046 11121 5046 11121
Static Tipping Load - Straight (Forks Level)   kg   1221:   lbs   2692	State	atic Tipping Load - Straight (Forks Level) atic Tipping Load - Articulated (Forks Level) ated Load (SAE J1197 - 50% FTSTL) ated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) ated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) aximum Overall Length	in kg lbs kg lbs kg lbs kg lbs kg lbs	36.0 12215 26921 10710 23605 5046 11121 5046 11121
Static Tipping Load - Straight (Forks Level)   lbs   2692     Static Tipping Load - Articulated (Forks Level)   lbs   2360     Rated Load (SAE J1197 - 50% FTSTL)   lbs   2360     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   lbs   1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   lbs   1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   lbs   1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   lbs   1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   lbs   1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   lbs   1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   lbs   1112     3 Maximum Overall Length   mm   1031     4 Reach with Forks at Ground Level   mm   1612   in   63.5     5 *Ground to Bottom of Tine at Minimum Height and Fork Level   mm   20.98   in   82.6     7 Reach with Arms Horizontal and Forks Level   mm   80.2   in   82.6     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   in   177.4     10 Overall Height of Fork at Full Lift (top of carriage to ground)   mm   5282   in   200.5   in   201.5     11 Clearance at Full Lift and Max Dump   mm   2977   in   117.2     12 Max Discharge Angle from Horizontal   deg   44     13 Overall Carriage Width   mm   840   33.1     15 Outside Tine Width (max spread)   mm   840   33.1     16 Outside Tine Width (min spread)   mm   65.0   in   5.9   10.5   10.	Sta Ra	atic Tipping Load - Articulated (Forks Level) ated Load (SAE J1197 - 50% FTSTL) ated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) ated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) aximum Overall Length	kg lbs kg lbs kg lbs kg lbs kg lbs	12215 26921 10710 23605 5046 11121 5046 11121
Static Tipping Load - Straight (Forks Level)   Ibs   2692     Static Tipping Load - Articulated (Forks Level)   kg   1071     Ibs   2360     Rated Load (SAE J1197 - 50% FTSTL)   kg   5044     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   kg   5044     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   5044     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   5044     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   5044     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   5044     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   5044     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044     Static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)   kg   5044	Sta Ra	atic Tipping Load - Articulated (Forks Level) ated Load (SAE J1197 - 50% FTSTL) ated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) ated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) aximum Overall Length	lbs kg lbs kg lbs kg lbs kg lbs	26921 10710 23605 5046 11121 5046 11121
Static Tipping Load - Articulated (Forks Level)   lg 2360     Rated Load (SAE J1197 - 50% FTSTL)   kg 5046   lbs 1112     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   kg 5046   lbs 1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg 5046   lbs 1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg 5046   lbs 1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg 5046   lbs 1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg 5046   lbs 1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg 5046   lbs 1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg 5046   lbs 1112   lbs 11	Ra Ra Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov	atted Load (SAE J1197 - 50% FTSTL)  atted Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)  atted Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)  aximum Overall Length	kg lbs kg lbs kg lbs kg	10710 23605 5046 11121 5046 11121
Rated Load (SAE J1197 - 50% FTSTL)	Ra Ra Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov	atted Load (SAE J1197 - 50% FTSTL)  atted Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)  atted Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)  aximum Overall Length	lbs kg lbs kg lbs kg lbs	23605 5046 11121 5046 11121
Rated Load (SAE J1197 - 50% FTSTL)	Ra Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov	aximum Overall Length	kg Ibs kg Ibs kg Ibs	5046 11121 5046 11121
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   1112     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   1112     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   1112     3   Maximum Overall Length   Imm   Ids   Ins   Ids   Ids   Ids   Ids   Ids   Ids   Ids     4   Reach with Forks at Ground Level   Imm   Ids   Ins   Ids   I	Ra Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov	aximum Overall Length	lbs kg lbs kg lbs	5046 11121
Rated Load (CEN EN 474-5 Rough Terrain - 50% FTSTL)   Ibs   1112	Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov	ated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) aximum Overall Length	lbs kg lbs	11121
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Igs   5046   lbs   1112   lbs	Ra 3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov	ated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) aximum Overall Length	kg Ibs	
Bis   1112   1031   1	3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gri 9 Gri 10 Ov	aximum Overall Length	lbs	5046
108   1112   108   1112   108   1112   108   1112   108	3 Ma 4 Re 5 *G 6 Re 7 Re 8 Gri 9 Gri 10 Ov	aximum Overall Length		
Maximum Overall Length   In   406.2	4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov		mm	11121
Reach with Forks at Ground Level   mm   1612   m   63.5     Forum of the State of	4 Re 5 *G 6 Re 7 Re 8 Gr 9 Gr 10 Ov			10318
Reach with Forks at Ground Level   mm   -141   mm   -145   mm   -145   mm   -145   mm   -145   mm   -146   mm   -147   mm   -146   mm	5 *G 6 Re 7 Re 8 Gri 9 Gri 10 Ov	each with Forks at Ground Level	in	406.2
6   63.5	5 *G 6 Re 7 Re 8 Gri 9 Gri 10 Ov	aon man romo at oroana zovor		1612
Forward to Bottom of Time at Minimum Height and Fork Level   In   S2.6	6 Re 7 Re 8 Gr 9 Gr 10 Ov			63.5
1	6 Re 7 Re 8 Gr 9 Gr 10 Ov	round to Bottom of Tine at Minimum Height and Fork Level		
6         Reach with Arms Horizontal and Porks Level         in 82.6           7         Reach with Fork at Maximum Height         mm 80.3           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1866           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 4507           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5282           11         Clearance at Full Lift and Max Dump         mm 2977           12         Max Discharge Angle from Horizontal         deg 44           13         Overall Carriage Width         mm 2217           14         Overall Carriage Height         mm 840           15         Outside Tine Width (max spread)         in 81.5           16         Outside Tine Width (min spread)         mm 470           Tine Width (single tine)         mm 55.0           Tine Thickness         mm 65.0           In 26.4         6.04	7 Re 8 Gre 9 Gre 10 Ov	Todala to Bottom of Timo at Minimalan Holght and Folk 2010		
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 4507           9         Ground to Top of Tine at Maximum Height and Fork Level         in 177.4           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5288           11         Clearance at Full Lift and Max Dump         mm 2097           12         Max Discharge Angle from Horizontal         deg 44           13         Overall Carriage Width         mm 2470           14         Overall Carriage Height         mm 840           15         Outside Tine Width (max spread)         mm 2077           16         Outside Tine Width (min spread)         mm 470           Tine Width (single tine)         mm 470           Tine Thickness         in 59           Tine Thickness         in 65.0           In 26         604	<ul><li>8 Gro</li><li>9 Gro</li><li>10 Ov</li></ul>	each with Arms Horizontal and Forks Level		
Reach with Fork at Maximum Height   in   31.6   mm   1866   in   73.4     9   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   4507   in   177.4     10   Overall Height of Fork at Full Lift (top of carriage to ground)   in   2082   in   208	<ul><li>8 Gro</li><li>9 Gro</li><li>10 Ov</li></ul>			
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   1866   in   7.34   7.3	<ul><li>8 Gro</li><li>9 Gro</li><li>10 Ov</li></ul>	each with Fork at Maximum Height		
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 4507 in 177.4           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm 528.0           11 Clearance at Full Lift and Max Dump         mm 297.1 in 177.2           12 Max Discharge Angle from Horizontal         deg 44           13 Overall Carriage Width         mm 2217 in 87.3           14 Overall Carriage Height         mm 840 in 87.3           15 Outside Tine Width (max spread)         mm 207.7           16 Outside Tine Width (min spread)         mm 470 in 181.5           Tine Width (single tine)         mm 550.0           Tine Thickness         mm 65.0           In 26.6         61.6	9 Gr	<u> </u>		
9         Ground to Top of Tine at Maximum Height and Fork Level         mm 4507 (in 1774)           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 528 (in 2086)           11         Clearance at Full Lift and Max Dump         mm 2977 (in 1172)           12         Max Discharge Angle from Horizontal         deg 44           13         Overall Carriage Width         mm 2217 (in 87.3)           14         Overall Carriage Height         mm 840 (in 33.1)           15         Outside Tine Width (max spread)         in 81.5 (in 81.5)           16         Outside Tine Width (min spread)         mm 470 (in 18.5)           Tine Width (single tine)         mm 55.00 (in 5.9)           Tine Thickness         mm 65.0 (in 2.6)           In 2.6         6.04	<b>10</b> Ov	ound to Top of Tine with Arms Horizontal and Fork Level		
1772   10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   5282   in   208.0   in	<b>10</b> Ov	<u> </u>		
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   528.6 in   208.6     11   Clearance at Full Lift and Max Dump   mm   2977     12   Max Discharge Angle from Horizontal   deg   44     13   Overall Carriage Width   mm   2211     14   Overall Carriage Height   mm   84.0     15   Outside Tine Width (max spread)   mm   207.7     16   Outside Tine Width (min spread)   mm   470     17   Tine Width (single tine)   mm   51.5     18   Tine Thickness   mm   65.0     19   Tine Thickness   mm   65.0     10   Tine State   Tine Width (single tine)   mm   65.0     10   Tine Thickness   mm   65.0     11   Tine Thickness   mm   65.0     12   Tine Thickness   mm   65.0     13   Tine Thickness   mm   65.0     14   Tine Thickness   mm   65.0     15   Tine Thickness   mm   65.0     16   Tine Thickness   mm   65.0     17   Tine Thickness   mm   65.0     18   Tine Thickness   mm   Tine Thickness		ound to Top of Tine at Maximum Height and Fork Level		
11   Clearance at Full Lift (up of carriage to ground)   in   2084   2977   117.2   2977   12   2977   2977   117.2   2977   2		<u> </u>		
11         Clearance at Full Lift and Max Dump         mm 2977 in 1177         2977           12         Max Discharge Angle from Horizontal         deg 44           13         Overall Carriage Width         mm 2217         in 87.3           14         Overall Carriage Height         mm 840         in 33.1           15         Outside Tine Width (max spread)         mm 2077         in 81.5           16         Outside Tine Width (min spread)         mm 470         in 18.5           Tine Width (single tine)         mm 55.0         in 5.9           Tine Thickness         in 2.6         in 2.6	11 Cle	verall Height of Fork at Full Lift (top of carriage to ground)		
17.2   Max Discharge Angle from Horizontal   deg   d4     13   Overall Carriage Width   mm   2217     14   Overall Carriage Height   mm   840     15   Outside Tine Width (max spread)   mm   270     16   Outside Tine Width (min spread)   mm   470     17   Tine Width (single tine)   mm   550     18   Tine Thickness   mm   650     19   Tine Thickness   mm   650     10   Tine State   Tine State   Tine State     17   Tine Thickness   mm   650     18   Tine Thickness   mm   650     19   Tine Thickness   mm   650     10   Tine Thickness   mm   650     17   Tine Thickness   mm   650     18   Tine Thickness   mm   Ti	11 Cle			
12 Max Discharge Angle from Horizontal         deg         44           13 Overall Carriage Width         mm         2217           14 Overall Carriage Height         mm         87.3           15 Outside Tine Width (max spread)         mm         2077           16 Outside Tine Width (min spread)         mm         470           Tine Width (single tine)         mm         150           Tine Thickness         mm         65.04           In Expectation         150		earance at Full Lift and Max Dump		
13   Overall Carriage Width   mm   8217   m   87.3   m   840   m				
13         Overall Carriage Width         in         87.3           14         Overall Carriage Height         mm         840           15         Outside Tine Width (max spread)         mm         207           16         Outside Tine Width (min spread)         mm         470           Tine Width (single tine)         mm         150.0           Tine Thickness         mm         65.0           Tine Thickness         mm         65.0	<b>12</b> Ma	ax Discharge Angle from Horizontal	deg	
14 Overall Carriage Height	<b>13</b> Ov	verall Carriage Width		2217
14 Overall Carriage Freight   in   33.1     15 Outside Tine Width (max spread)   mm   2070     16 Outside Tine Width (min spread)   mm   470     17 Ine Width (single tine)   mm   150.0     18.5   mm   65.0     19.5				
15         Outside Tine Width (max spread)         mm bit (max spread)         207C           16         Outside Tine Width (min spread)         mm d70         470           Tine Width (single tine)         mm d50.0         150.0           Tine Thickness         mm d50.0         65.0           In 2.6         65.0         65.0	14 Ov	verall Carriage Height		
16 Outside Tine Width (min spread)   n   81.5     16 Outside Tine Width (min spread)   mm   470     Tine Width (single tine)   mm   150.0     Tine Thickness   n   65.0     In   65.0				
16 Outside Tine Width (min spread)         mm / 18.5 (n. 18.5)           Tine Width (single tine)         mm / 150.0           Tine Thickness         mm / 65.0           In 2.6 (n. 18.5)         5.94	<b>15</b> Ou	utside Tine Width (max spread)		
18.5   Tine Width (single tine)   mm   18.5   18.				
Tine Width (single tine)         mm         150.0           Tine Thickness         mm         65.0           in         2.6           in         2.6	<b>16</b> Ou	ıtside Tine Width (min spread)		
Tine Thickness in 5.9  Tine Thickness in 2.6  It is 5.94				
Tine Thickness mm 65.0	Tir	ne Width (single tine)		
in 2.6				
lea E246	Tir	ne Thickness		
	-			5246
lbs 1156:	Lir	0 "		11562
kg 2202		ne Capacity		
Operating Weight Ry 2392/	Op	<u> </u>		





Hinge (B) Pin Height (mm)

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



(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.

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.

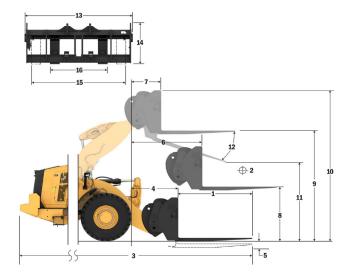
<sup>\*</sup>Negative values indicate below grade

#### **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   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     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   Ra	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   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     Rated Load (CEN EN 474-3 Firm and Level   Rm   1070     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   Ra	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         -24 in         -25 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	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)

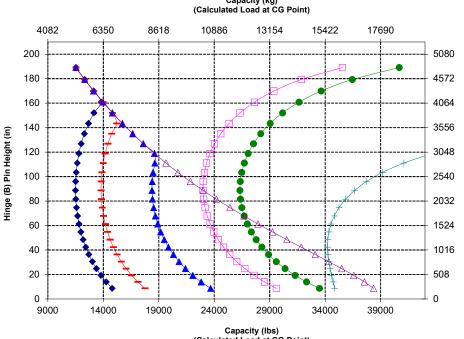


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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



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.

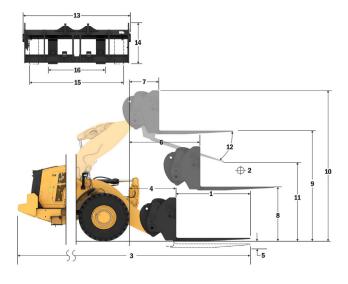
Hinge (B) Pin Height (mm)

## **Fork Specifications**

Fork	Specifications

Fo	rk Specifications		
1	Tine Length	mm	2438
		in mm	96.0 1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	10943
	Otalic Tipping Load - Ottaight (Forks Level)	lbs	24119
	Static Tipping Load - Articulated (Forks Level)	kg	9543 21033
		lbs kg	4110
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9059
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4110
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	9059
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	4110
	Trace 25dd (52T 2T T T T T IIII and 25TG 5TG 11	lbs	9059
3	Maximum Overall Length	mm in	10884 428.5
		mm	1570
4	Reach with Forks at Ground Level	in	61.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-62
3	Glound to Bottom of Time at William Height and Fork Level	in	-2.4
6	Reach with Arms Horizontal and Forks Level	mm	2090
_		in	82.3
7	Reach with Fork at Maximum Height	mm in	793 31.2
_		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	4611
_	Ground to rop or time at Maximum rieight and ronk Eever	in	181.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5651
		in mm	222.5 2427
11	Clearance at Full Lift and Max Dump	in	95.6
40	May Discharge Angle from Herizontel		
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2528
_	· · · · · ·	in	99.5 1130
14	Overall Carriage Height	mm in	44.5
	O to the Tay Market of the No.	mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Outside Time Width (mint spread)	in	22.7
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	mm in	3.5
	Ti 0it-	kg	11300
	Tine Capacity	lbs	24905
	Operating Weight	kg	24438
	oporating troigin	lbs	53861





Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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

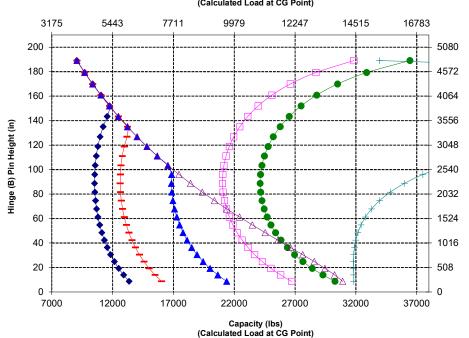


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

\*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.

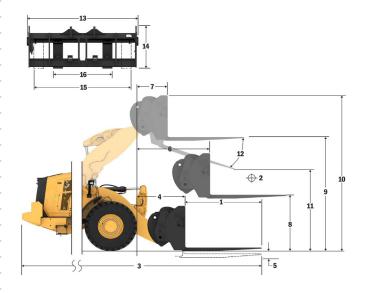
#### **Fork Specifications**

F۸	rk	Sne	cifi	icati	ions

1 Tine Length         mm in m           2 Load Center         mm mm in n           Static Tipping Load - Straight (Forks Level)         kg lbs           Static Tipping Load - Attivitated (Forks Level)         kg	1524 60.0 762 30.0 13477 29703 11905 26238 5952 13119 7143 15743
2 Load Center mm in Static Tipping Load - Straight (Forks Level) kg lbs	762 30.0 13477 29703 11905 26238 5952 13119 7143
2 Load Center in Static Tipping Load - Straight (Forks Level) kg lbs	30.0 13477 29703 11905 26238 5952 13119 7143
Static Tipping Load - Straight (Forks Level)	29703 11905 26238 5952 13119 7143
IDS	11905 26238 5952 13119 7143
ka	26238 5952 13119 7143
	5952 13119 7143
ibs	13119 7143
Rated Load (SAE J1197 - 50% FTSTL) kg lbs	7143
ka	
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	
ka	8656
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	19078
3 Maximum Overall Length mm	9526
in in	375.0
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
	-6.5
6 Reach with Arms Horizontal and Forks Level	1694
in many	66.7 826
7 Reach with Fork at Maximum Height mm 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
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
in	104.4
12 Max Discharge Angle from Horizontal deg	43
	0047
13 Overall Carriage Width	2217
in mm	87.3 840
14 Overall Carriage Height in	33.1
mm	2070
15 Outside Tine Width (max spread)	81.5
mm	470
16 Outside Tine Width (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
IDS	13885
Operating Weight kg Ibs	22876 50418
*Novetive values indicate helevy grade	50410

 966 AGG
 87" Carriage
 60" Tine

 Pallet Fork, FUSION
 530-1861
 548-3265



\*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.

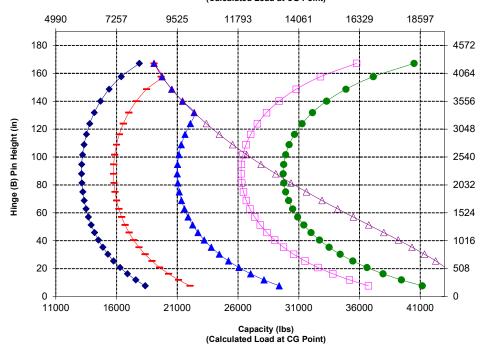
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CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

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.

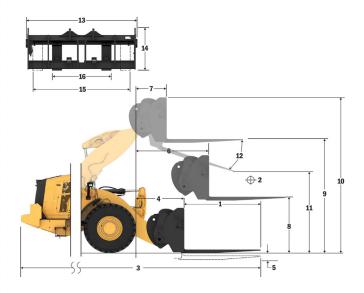
Hinge (B) Pin Height (mm)

## **Fork Specifications**

Fork :	Specifications	
	opcomounomo	

FO	rk Specifications		
1	Tine Length	mm	1830 72.0
		in	
2	Load Center	mm	915
		in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	12847
		lbs	28315
	Static Tipping Load - Articulated (Forks Level)	kg	11344
	· · · · · · · · · · · · · · · · · · ·	lbs	25002
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5672
	······································	lbs	12501
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6806
	Traica Edda (OEIT EIT TIT O Troagil Tollaill OO 70 T TOTE)	lbs	15001
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7618
	Nated Load (CEN EN 474-3 Fillil and Level Glound - 00 % F131L)	lbs	16790
_	Manifestory Occasional Lawrents	mm	9832
3	Maximum Overall Length	in	387.1
	B 1 33 E 1 10 11 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
_		mm	1694
6	Reach with Arms Horizontal and Forks Level		66.7
		in	
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
	Ordana to Top of Timo at Maximum Troight and Tonk 20101	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
10	Overall Fleight of Fork at Full Lift (top of carnage to ground)	in	186.0
11	Clearance at Full Lift and Max Dump	mm	2444
11	Clearance at Full Lift and wax Dump	in	96.2
40	Man Diaghanna Angla franc Harimantal		40
12	Max Discharge Angle from Horizontal	deg	43
12	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
	O	mm	840
14	Overall Carriage Height	in	33.1
		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
		mm	65.0
	Tine Thickness		
		in	2.6
	Tine Capacity	kg	5246
	• • •	lbs	11562
	Operating Weight	kg	22923
	-1 0 0 -	lbs	50521





Hinge (B) Pin Height (mm)

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

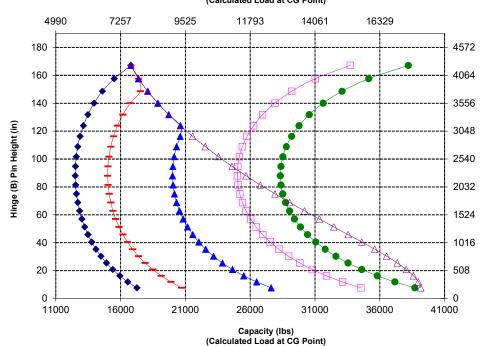


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJTL3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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



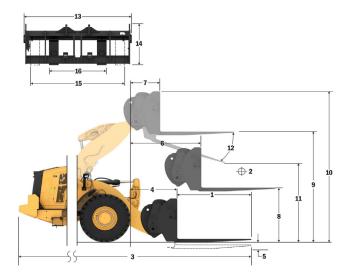
<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

#### Fork Specifications

го	k Specifications		
1	Tine Length	mm in	1829 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	12583
		lbs	27733
	Static Tipping Load - Articulated (Forks Level)	kg lbs	11075
	· · · · · · · · · · · · · · · · · · ·	kg	24409 5537
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	12204
		ka	6645
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	14645
	D-t111 (OFN FN 474 0 First111 O1 000/ FTOTI )	kg	7807
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17206
3	Maximum Overall Length	mm	9782
	Maximum Overali Lerigui	in	385.1
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
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in mm	66.4 818
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
_	One and to Tax of Time of Manifesters Height and Foods Level	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
	Overall Fleight of Fork at Full Lift (top of carriage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2359
		in	92.9
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Tine Width (min spread)	mm	576
10	Outside Title Width (Illin Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	This Trial (angle till)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	14800
	• •	lbs	32619
	Operating Weight	kg lbs	23312 51379
		เมธ	31319





\*Negative values indicate below grade

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



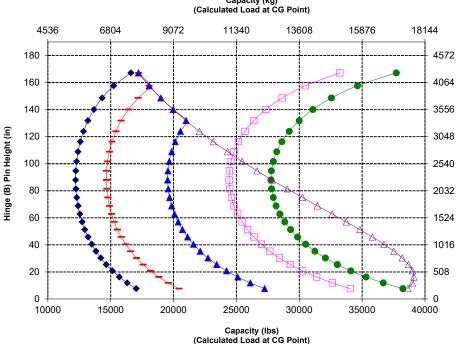
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 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.

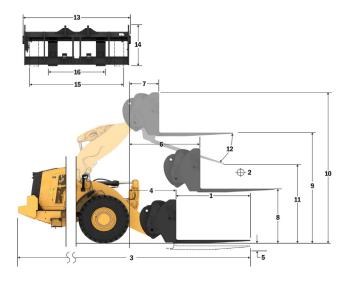
Hinge (B) Pin Height (mm)

## **Fork Specifications**

F	OI	rk	Spe	cific	cations	į

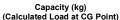
Fο	rk Specifications		
1	Tine Length	mm	2438
_		in mm	96.0 1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	11448
	Static Tipping Load - Straight (Forks Level)	lbs	25232
	Static Tipping Load - Articulated (Forks Level)	kg	10060
	The state of the s	lbs	22173
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	5030 11087
	<u> </u>	kg	6036
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13304
	D + 11	ka	6207
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13681
3	Maximum Overall Length	mm	10391
	Waximum Overali Length	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 in	-87 -3.4
		mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
_	Described from AMerican Height	mm	818
7	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
ŭ	Ground to Top of Time with 74th 5 Florizontal and Tolk Ecver	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
		in mm	159.6 5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
		mm	1899
11	Clearance at Full Lift and Max Dump	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
	0.4.11 T. MCHI /	mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Odiside Tille Width (Hill spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	11300
	Tine Capacity	lbs	24905
	Oneveting Weight	kg	23437
	Operating Weight	lbs	51654

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



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade



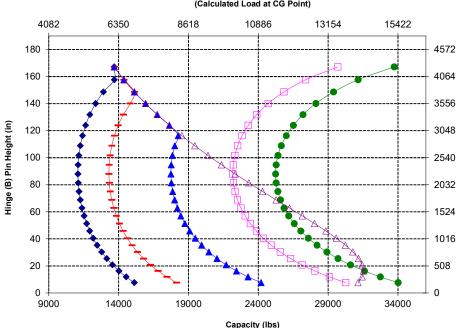


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

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



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.

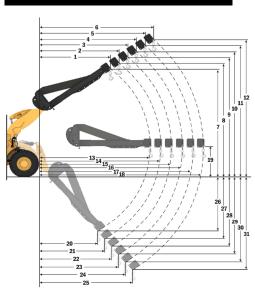
6Pos

## **Material Handling Arm Specifications**

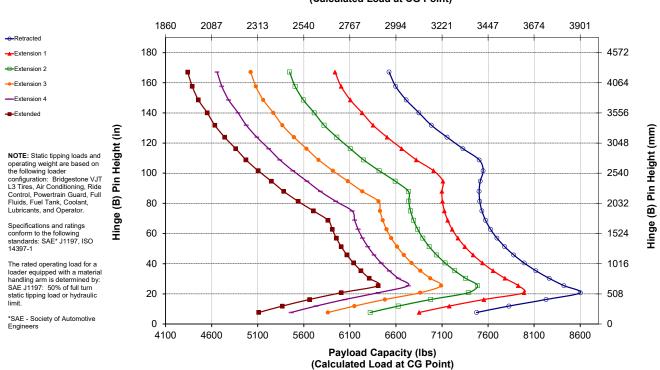
#### 966 **STD**

**Fusion Material Handling Arm** 

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Marchine Hard Breach (4.0.0.4.5.0)	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"
	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 - Hook Reach (13, 14, 15, 16, 17, 18)	mm	4,553	4,858	5,162	5,467	5,772	6,077
	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
	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
	ft, in	5' 7"	6' 0"	6' 6"	6' 11"	7' 4"	7' 9"
	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"
Chatin Timeing Land Charlets	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
Static Tipping Load, Articulated	kg	6,830	6,461	6,129	5,829	5,556	5,306
	lb	15,053	14,240	13,509	12,847	12,245	11,695
On	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

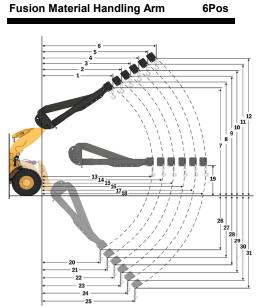


#### Payload Capacity (kg) (Calculated Load at CG Point)



## **Material Handling Arm Specifications**

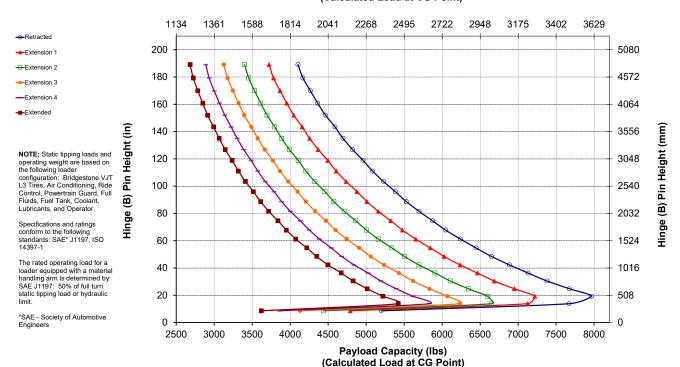
MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)		1,273	1,336	1,399	1,462	1,525	1,589
Wax Liit - Hook Reacii (1, 2, 3, 4, 5, 6)	ft, in	4' 2"	4' 4"	4' 7"	4' 9"	5' 0"	5' 2"
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	mm	7,975	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
	ft, in	16' 3"	17' 3"	18' 3"	19' 3"	20' 3"	21' 3"
Local Health Make (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	(413)	(529)	(645)	(761)	(877)	(993)
	ft, in	-1' 7"	-1' 3"	-2' 10"	-2' 6"	-2' 1"	-3' 8"
Min 176 - Hardella interference 07 - 00 - 00 - 04	mm	(2,737)	(3,019)	(3,301)	(3,583)	(3,864)	(4,146)
Min Lift - Hook Height (26, 27, 28, 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
Static ripping Load, Straight	lb	18,249	17,332	16,500	15,744	15,051	14,416
Chair Transaction I Advantage	kg	7,283	6,917	6,584	6,282	6,005	5,751
Static Tipping Load, Articulated		16,053	15,244	14,512	13,845	13,235	12,675
On anating 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)



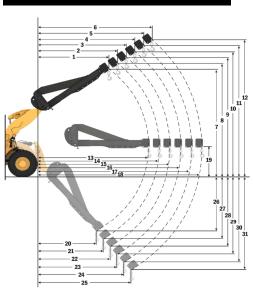
## **Material Handling Arm Specifications**

#### 966 **AGG**

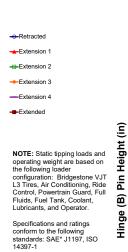
**Fusion Material Handling Arm** 

6Pos

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)		1,823	1,936	2,049	2,162	2,275	2,388
Wax Lift - Hook Reach (1, 2, 3, 4, 5, 6)	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
Wax Litt - 1100k Fleight (7, 0, 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
	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
Level Healtheight (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 Booch (20, 21, 22, 23, 24, 25)	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 Lift - Hook Height (26, 27, 28, 29, 30, 31)	mm	(2,871)	(3,146)	(3,421)	(3,696)	(3,971)	(4,246)
Will Litt - Hook Height (20, 27, 26, 29, 30, 31)	ft, in	-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Static Tipping Load, Straight	kg	8,375	7,925	7,519	7,153	6,819	6,515
Static ripping Load, Straight	lb	18,459	17,466	16,573	15,764	15,029	14,358
Chatin Timping I and Antiquipmed	kg	7,415	7,016	6,656	6,331	6,035	5,765
Static Tipping Load, Articulated		16,343	15,463	14,670	13,953	13,301	12,706
Operating Weight	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

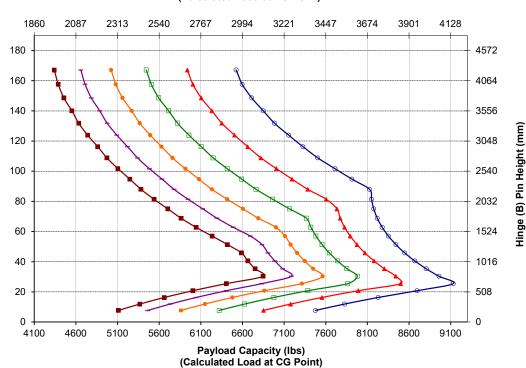


#### Payload Capacity (kg) (Calculated Load at CG Point)



The rated operating load for a loader equipped with a material handling arm is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive



## **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		✓
HMU steering wheel	✓	
Steering, joystick		✓
Implement joystick (2V, 3V only)		✓
Entertainment radio (FM, AM, USB, BT)		✓
Entertainment radio (DAB+)		✓
CB radio ready		✓
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		✓
Touchscreen display	✓	
Keypad, programmable buttons	✓	
Mirrors, heated		✓
Air conditioner, heater, defroster (auto temp, fan)	✓	
Sun visor, front, retractable	✓	
Sun visor, rear, retractable		✓
Windows, front, laminated	✓	
Windows, front, heavy duty		✓
Full cab window guard		✓
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 <sup>1</sup>		✓
Dispatch for Loading <sup>1</sup>		✓
Key Features Inform	✓	
Bucket Carry Display Widget	✓	
Remote Services	✓	

<sup>\*</sup> Not available in all languages

Tor details.		
	Standard	Optional
HYDRAULICS		
Implement system, load sensing with variable displacement piston pump	✓	
Steering system, load sensing with dedicated variable displacement piston pump	✓	
Ride control, dual accumulators		✓
3 <sup>rd</sup> and 4 <sup>th</sup> auxiliary function with ride control		✓
Oil sampling valves, Cat XT <sup>™</sup> 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, open/open differentials	✓	
Axles, auto front differential lock		✓
Axles, auto front and rear differential locks		✓
Axles, manual front lock		✓
Axles, ecology drains, AOC ready, extreme temperature seals		✓
Axles, oil cooler		✓
Transmission, planetary, automatic powershift	✓	
Torque converter with lock-up	✓	
Service brakes, hydraulic, fully enclosed wet disc, wear indicators	✓	
Integrated Braking System (IBS)	✓	
Park brake, caliper on front axles, spring applied-pressure released	✓	
Brake pedal neutralizer with decel function	$\checkmark$	
ELECTRICAL		
Starting and charging system, 24V	✓	
Starter, electric, heavy duty	✓	
Cold start, 120V or 240V		✓
Lights: halogen, 4 work lights, 2 front tower lights, 2 rearview lights	✓	
Lights: roading with turn signals		✓
Lights: LED		$\checkmark$

(continued on next page)

<sup>\*\*</sup> Standard where mandated

<sup>\*\*\*</sup> Not Compatible with roading arrangements

<sup>\*\*\*\*</sup>Available in Europe and Australia. Country certifications vary.

Contact your Cat dealer for more information.

<sup>&</sup>lt;sup>1</sup>Subscription 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, extensions or 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		✓
SPECIAL CONFIGURATIONS		
Aggregate handler		✓
Waste and industrial		✓
Forestry		✓
Corrosion resistant		✓
Steel mill		✓

<sup>\*</sup> Not available in all languages

<sup>\*\*</sup> Standard where mandated

<sup>\*\*\*</sup> Not Compatible with roading arrangements

<sup>\*\*\*\*</sup>Available in Europe and Australia. Country certifications vary.

Contact your Cat dealer for more information.

<sup>&</sup>lt;sup>1</sup>Subscription required

## 966 Environmental Declaration

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

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

#### **Engine**

- The Cat® C9.3B engine meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Nonroad Stage III.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels\*\* up to:
  - ✓ 100% biodiesel FAME (fatty acid methyl ester)\*
  - √ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

- \* For use of blends higher than 20% biodiesel, consult your Cat dealer.
- \*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

#### **Air Conditioning System**

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a 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 CO<sub>2</sub> 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<sub>2</sub> 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  $\leq 0.01\%$
- Lead  $\leq 0.01\%$

#### **Sound Performance**

Operator Sound Pressure Level (ISO 6396:2008)	72 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	109 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	69 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	108 dB(A)

<sup>\*</sup>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 HYDO<sup>TM</sup> Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

#### **Features and Technology**

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Autodig with Auto Set Tires provides consistent high bucket fill factors for excellent productivity
  - Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance
  - Automatic engine idle shutdown system reduces idle hours
  - Extended maintenance intervals reduce fluid and filter consumption
  - Remote Flash and Remote Troubleshoot

#### Recycling

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

Material Type	Weight Percentage
Steel	65.16%
Iron	19.23%
Nonferrous Metal	1.45%
Mixed Metal	0.28%
Mixed-Metal and Nonmetal	0.54%
Plastic	1.42%
Rubber	7.35%
Mixed Nonmetallic	0.01%
Fluid	2.45%
Other	1.43%
Uncategorized	0.59%
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%

<sup>\*\*</sup>EU Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701



# 966

# Waste and Scrap Handler

The Cat<sup>®</sup> 966 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.
- Features an electric fuel priming pump, fuel-water separator, and secondary filtration system.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

#### **Durability**

- Waste and scrap handler package adds additional steel guards all around the machine to protect your investment and keep debris out of the implement valve and engine compartments.
- Heavy-duty steel cable lower steps stand up to the harshest of conditions.
- Heavy-duty transmission and axles designed to handle waste and scrap applications.
- Automatic planetary powershift (4F/4R) transmission features durable, long-lasting components.

#### **Superior Fuel Efficiency and Productivity**

- Optional high lift linkage provides additional dump clearance.
- Optional 3rd and 4th valve hydraulics for work tools that require additional functions.
- Optional variable pitch fan and high debris cooling cores keep the cores free from debris.
- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

#### Safety Features

- Rear Vision camera enhances visibility behind the machine, helping you work safely and confidently.
- 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**

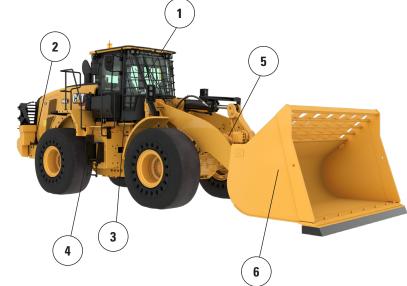
- Extended fluid and filter change intervals help to reduce maintenance costs.
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash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

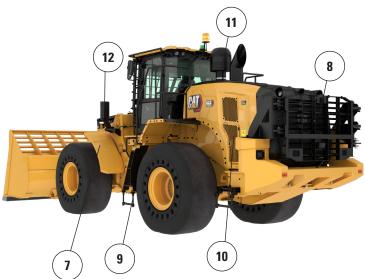
#### Work in Comfort in the All New Cab

- 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.
- HMU steering wheel offers low-effort and precise machine steering. The optional seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy.

#### 966 Waste and Scrap Handler Features

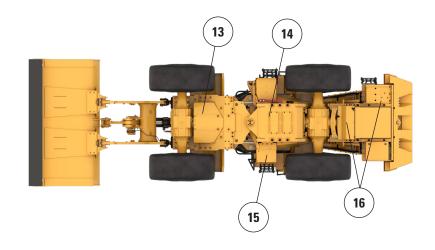
- 1. Optional window guarding to provide impact resistance to the glass
- 2. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
- 3. Carbon cab air filter removes harsh odors
- Optional powered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





- 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
- 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

- Lower front frame guard protects vital drivetrain components and keeps trash from getting in the front frame compartment
- 14. Powertrain guard protects the transmission and helps keep trash out of the engine compartment
- 15. Lower hydraulic service center guard protects the transmission filter and 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"

<sup>\*</sup>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 <sup>3</sup>	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"
<b>7</b> † 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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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				Standaı	rd Linkage		
Bucket Type	General Purpose – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	$m^3$	3.80	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"
<b>16</b> † 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"
17† 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"
12† Overall Length	mm	8664	8890	8890	8783	9009	9009
	ft/in	28'6"	29'2"	29'2"	28'10"	29'7"	29'7"
<b>B</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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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			Gen	eral Purpose – Pi	n-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
, 60 0 1	in	3.4"	3.4"	2.2"	3.4"	2.2"
12† 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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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		
	$yd^3$	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		
	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>B</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		

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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.

Bucket Type   Steel Bolt-On Cutting Edges   Cutting Edges   Cutting Edges   Cutting Edges   Capacity – Rated   m³   6.50   7.40   9d¹   8.50   9.75	Linkage		Standard Linkage				
Edge Type         Cutting Edges         Cutting Edges           Capacity – Rated         m³         6.50         7.40           yd³         8.50         9.75           Capacity – Rated at 110% Fill Factor         m³         7.20         8.10           yd¹         9.50         10.50           Width         mm         3357         3357           ft/in         1110°         1110°           16† Dump Clearance at Maximum Lift         mm         2951         2670           and 45° Discharge         ft/in         98"         89"           17† Reach at Maximum Lift and         mm         1245         1526           45° Discharge         ft/in         41"         50°           Reach at Level Lift Arm and         mm         2802         3199           Bucket Level         ft/in         92"         105"           A† Digging Depth         mm         118         78           Toyerall Length         mm         8736         9133           ft/in         28'8"         300°           B† Overall Height with Bucket at         mm         6600         6377           Maximum Lift         ft/in         21'8"         210°	Bucket Type	cet Type Waste, Dozing – Pir		Waste, Load and Carry – Pin-On			
Capacity - Rated at 110% Fill Factor   m³   7,20   8,10     yd³   9,50   10,50     Width   mm   3357   3357     Diff   Dump Clearance at Maximum Lift   mm   2951   2670     and 45° Discharge   ft/in   9′8″   89″     Ty 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″     Booket Level kett at   mm   6600   6377     Maximum Lift Bucket at   mm   7584   7686     with Bucket at Carry Position   ft/in   24′11″   25′3″     Static Tipping Load, Straight   kg   20 566   18 761     Cwite Tipping Load, Straight   kg   22 389   20 344     (No tire deflection)   lb   49,345   44,840     Static Tipping Load, Articulated   kg   20 465   18 559     (No tire deflection)   lb   41,101   37,412     Static Tipping Load, Articulated   kg   20 465   18 559     (No tire deflection)   lb   41,101   37,412     Static Tipping Load, Articulated   kg   20 465   18 559     (No tire deflection)   lb   45,106   40,905     Breatout Force (§)   kN   169   136     Operating Weight*   kg   28 905   29 129	Edge Type						
Capacity - Rated at 110% Fill Factor yd³   9.50   10.50	Capacity – Rated	$m^3$	6.50	7.40			
Width		$yd^3$	8.50	9.75			
Width         mm         3357         3357           16† Dump Clearance at Maximum Lift and 45° Discharge         ft/in         9'8"         89"           17† Reach at Maximum Lift and 45° Discharge         ft/in         9'8"         89"           17† Reach at Maximum Lift and 45° Discharge         mm         1245         1526           45° Discharge         ft/in         4'1"         5'0"           Reach at Level Lift Arm and mm         2802         3199           Bucket Level         ft/in         92"         10'5"           A† Digging Depth         mm         118         78           me         18         78         3.0"           12† Overall Length         mm         8736         9133           ft/in         28'8"         300"           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         41,36	Capacity – Rated at 110% Fill Factor	$m^3$	7.20	8.10			
110°   110°		$yd^3$	9.50	10.50			
	Width	mm	3357	3357			
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) 1b 45,340 41,361  Static Tipping Load, Straight kg 22 389 20 344 (No tire deflection) 1b 49,345 44,840  Static Tipping Load, kg 18 643 16 970 Articulated (With tire deflection) 1b 41,101 37,412  Static Tipping Load, Atticulated kg 20 465 18 559 (No tire deflection) 1b 45,106 40,905  Breakout Force (§) kN 169 136  Operating Weight* kg 28 905 29 129		ft/in	11'0"	11'0"			
17+ Reach at Maximum Lift and	16† Dump Clearance at Maximum Lift	mm	2951	2670			
A5° Discharge   ft/in   A'1"   S'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     Operating Weight*   kg   28 905   29 129	and 45° Discharge	ft/in	9'8"	8'9"			
Reach at Level Lift Arm and   mm   2802   3199   Bucket Level   ft/in   92"   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   136   166   Operating Weight*   kg   28 905   29 129	17† Reach at Maximum Lift and	mm	1245	1526			
Bucket Level         ft/in         92"         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	45° Discharge	ft/in	4'1"	5'0"			
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 Maximum Lift         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<	Reach at Level Lift Arm and	mm	2802	3199			
in         4.6"         3.0"           12† Overall Length         mm         8736         9133           ff/in         28'8"         30'0"           B† Overall Height with Bucket at mm         6600         6377           Maximum Lift         ff/in         21'8"         21'0"           Loader Clearance Circle Radius mm         7584         7686           with Bucket at Carry Position         ff/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           Breakout Force (§)         kN         169         136	Bucket Level	ft/in	9'2"	10'5"			
12† Overall Length   mm   8736   9133     6t/in   28'8"   300"     8† 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, Straight   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     Operating Weight*   kg   28 905   29 129	A† Digging Depth	mm	118	78			
B† Overall Height with Bucket at Maximum Lift         mm ft/in         6600         6377 mm           Maximum Lift         ft/in         21'8"         21'0"           Loader Clearance Circle Radius mm with Bucket at Carry Position         mm         7584 mm         7686 mm           with Bucket at Carry Position         ft/in         24'11"         25'3"           Static Tipping Load, Straight kg         20 566         18 761 mm           (With tire deflection)         lb         45,340         41,361 mm           Static Tipping Load, Straight kg         22 389         20 344 mm           (No tire deflection)         lb         49,345         44,840 mm           Static Tipping Load, kg         18 643         16 970 mm           Articulated (With tire deflection)         lb         41,101         37,412 mm           Static Tipping Load, Articulated kg         20 465         18 559 mm           (No tire deflection)         lb         45,106         40,905 mm           Breakout Force (§)         kN         169 mm         136 mm           1bf         38,181         30,669 mm           Operating Weight*         kg         28 905         29 129		in	4.6"	3.0"			
B† Overall Height with Bucket at Maximum Lift         mm ft/in         6600         6377	12† Overall Length	mm	8736	9133			
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           Breakout Force(§)         kN         169         136           Operating Weight*         kg         28 905         29 129		ft/in	28'8"	30'0"			
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  Operating Weight* kg 28 905 29 129	<b>B</b> † Overall Height with Bucket at	mm	6600	6377			
with Bucket at Carry Position         ft/in         24'11"         25'3"           Static Tipping Load, Straight (With tire deflection)         kg         20 566         18 761           (With tire deflection)         lb         45,340         41,361           Static Tipping Load, Straight (No tire deflection)         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	Maximum Lift	ft/in	21'8"	21'0"			
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	Loader Clearance Circle Radius	mm	7584	7686			
(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	with Bucket at Carry Position	ft/in	24'11"	25'3"			
Static Tipping Load, Straight         kg         22 389         20 344           (No tire deflection)         1b         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	Static Tipping Load, Straight	kg	20 566	18 761			
(No tire deflection)       1b       49,345       44,840         Static Tipping Load,       kg       18 643       16 970         Articulated (With tire deflection)       1b       41,101       37,412         Static Tipping Load, Articulated       kg       20 465       18 559         (No tire deflection)       1b       45,106       40,905         Breakout Force (§)       kN       169       136         1bf       38,181       30,669         Operating Weight*       kg       28 905       29 129	(With tire deflection)	lb	45,340	41,361			
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	Static Tipping Load, Straight	kg	22 389	20 344			
Articulated (With tire deflection)       1b       41,101       37,412         Static Tipping Load, Articulated (No tire deflection)       kg       20 465       18 559         (No tire deflection)       1b       45,106       40,905         Breakout Force (§)       kN       169       136         1bf       38,181       30,669         Operating Weight*       kg       28 905       29 129	(No tire deflection)	lb	49,345	44,840			
Static Tipping Load, Articulated         kg         20 465         18 559           (No tire deflection)         1b         45,106         40,905           Breakout Force(§)         kN         169         136           lbf         38,181         30,669           Operating Weight*         kg         28 905         29 129		kg	18 643	16 970			
(No tire deflection)         1b         45,106         40,905           Breakout Force(§)         kN         169         136           1bf         38,181         30,669           Operating Weight*         kg         28 905         29 129	Articulated (With tire deflection)	lb	41,101	37,412			
Breakout Force (§)         kN         169         136           Ibf         38,181         30,669           Operating Weight*         kg         28 905         29 129	** •	kg	20 465	18 559			
Ibf         38,181         30,669           Operating Weight*         kg         28 905         29 129	(No tire deflection)	lb	45,106	40,905			
Operating Weight* kg 28 905 29 129	Breakout Force (§)	kN	169	136			
		lbf	38,181	30,669			
lb 63,705 64,199	Operating Weight*	kg	28 905	29 129			
		lb	63,705	64,199			

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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 <sup>3</sup>	5.00	
	yd³	6.50	
Capacity - Rated at 110% Fill Factor	$m^3$	5.50	
	$yd^3$	7.25	
Width	mm	3357	
	ft/in	11'0"	
<b>16</b> † 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>B</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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

<sup>(§)</sup> 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 Li	ft Linkage		
Bucket Type		General Purpose – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m <sup>3</sup>	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 <sup>3</sup>	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>B</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)	lb	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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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 Waste and Scrap Handler Specifications**

## **Operating Specifications – Buckets**

Linkage		High Lift Linkage						
Bucket Type		General Pu	General Purpose – Hook-On – 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 <sup>3</sup>	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 <sup>3</sup>	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>B</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	

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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 Waste and Scrap Handler Specifications**

## **Operating Specifications – Buckets**

Linkage				High Lift l	inkage		
Bucket Type	General Purpose – Pin-On						
Edge Type		Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips
Capacity – Rated	m <sup>3</sup>	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 <sup>3</sup>	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>B</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

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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 Waste and Scrap Handler Specifications**

## **Operating Specifications – Buckets**

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	$m^3$	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"		
<b> 2</b> † 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)	lb	37,911	34,828	30,750		
Static Tipping Load, Straight	kg	18 524	16 982	14 948		
(No tire deflection)	lb	40,827	37,428	32,947		
Static Tipping Load,	kg	15 524	14 225	12 481		
Articulated (With tire deflection)	lb	34,225	31,361	27,516		
Static Tipping Load, Articulated	kg	16 863	15 423	13 499		
(No tire deflection)	lb	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		

<sup>\*</sup> 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.

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

<sup>†</sup> Illustration shown with Dimension charts.

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

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

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



# 966 Forestry Machine

The Cat® 966 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.
- Features an electric fuel priming pump, fuel-water separator, and secondary filtration system.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

## **Durability**

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

### **Superior Fuel Efficiency and Productivity**

- 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.
- Optional 3rd and 4th valve auxiliary hydraulics to control work tools requiring the additional function.
- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

#### **Safety Features**

- Rear Vision camera enhances visibility behind the machine, helping you work safely and confidently.
- 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**

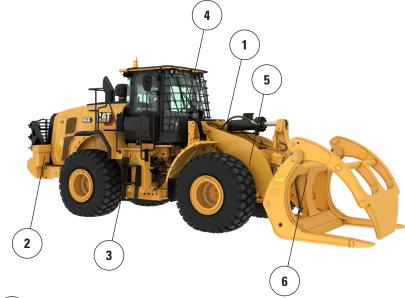
- Extended fluid and filter change intervals help to reduce maintenance costs.
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash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

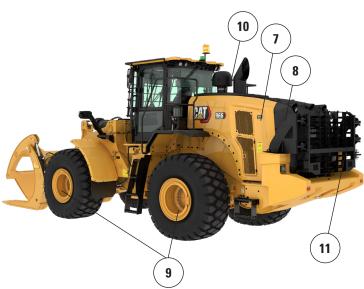
#### Work in Comfort in the All New Cab

- 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.
- HMU steering wheel offers low-effort and precise machine steering.
   The optional seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy.

### **966 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. Extreme service transmission maintains durability
- 4. Optional window guarding to provide impact resistance to the glass
- Optional 3<sup>rd</sup> and 4<sup>th</sup> function hydraulics provide auxiliary hydraulic control for work tools like millyard or logging forks
- 6. Wide range of millyard work tools





- Optional variable pitch fan help to keep rear grill and cooling cores clean in high debris applications
- 8. Optional high debris/wide fin spacing cooling cores are less prone to plugging
- 9. Optional axle oil cooler provides lower axle oil temperatures in high braking applications
- 10. Optional engine and cab precleaners for use in high debris applications
- 11. 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"

<sup>\*</sup>Width over tire bulge and includes tire growth.

## **Operating Specifications – Buckets**

Linkage		Forestry Li	Forestry Linkage			
Bucket Type		Woodchip – Hook-On – Fusion	Woodchip – Pin-On			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	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)	lb	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			

<sup>\*</sup> 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.

<sup>†</sup> Illustration shown with Dimension charts.

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

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

<sup>(</sup>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.

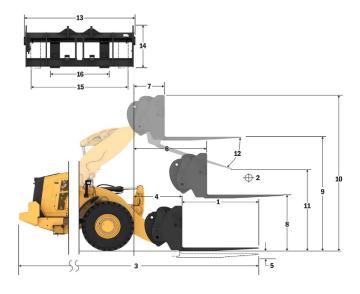
## **Fork Specifications**

#### **Fork Specifications**

	··· openionic		
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	O T	kg	14730
	Static Tipping Load - Straight (Forks Level)	lbs	32464
	0	kg	12970
	Static Tipping Load - Articulated (Forks Level)	lbs	28586
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6485
	Rated Load (SAE J1197 - 50% F151L)	lbs	14293
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7782
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	17151
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10376
	Nated Load (CEN EN 474-3 Film and Level Glound - 60 % F131L)	lbs	22868
3	Maximum Overall Length	mm	9527
•	Waximum Overali Length	in	375.1
4	Reach with Forks at Ground Level	mm	1126
-	Treach with Folks at Ground Level	in	44.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-166
•	Ground to Bottom or Time at Millimidin Fleight and Fork Level	in	-6.5
6	Reach with Arms Horizontal and Forks Level	mm	1694
٠	Neach with Aims Honzontal and Forks Level	in	66.7
7	Reach with Fork at Maximum Height	mm	826
•	Treach with Fork at Maximum Height	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
•	Ground to Top of Time with Arms Horizontal and Fork Level	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
_	Ordered to Top of Timo at Maximum Trought and Total 20101	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	Oreitam Freight of Ferri att Fam Eint (top of samage to ground)	in	186.0
11	Clearance at Full Lift and Max Dump	mm	2652
	Oldarando at Fan Ent and max bamp	in	104.4
12	Max Discharge Angle from Horizontal	deg	43
12	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
4 4	Overall Carriage Height	mm	840
14	Overall Carriage neight	in	33.1
4 =	Outside Tine Width (max spread)	mm	2070
15	Outside Title Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
10	Outside Title Width (Hill Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	Tille Width (alligle tille)	in	5.9
	Tine Thickness	mm	65.0
	THE THICKNESS	in	2.6
	Tine Capacity	kg	6300
	тно Оараоку	lbs	13885
	Operating Weight	kg	23815
	Operating Weight	lbs	52488

 966 LOG
 87" Carriage
 60" Tine

 Pallet Fork, FUSION
 530-1861
 548-3265



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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

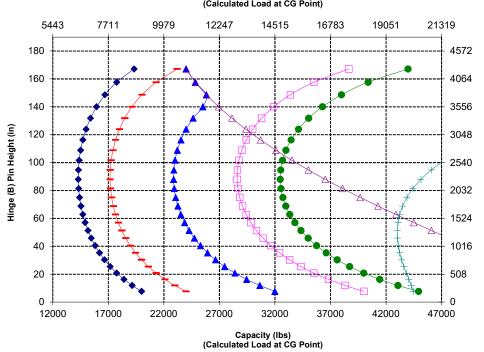


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 tipping load on firm and level ground or hydraulic limit.

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



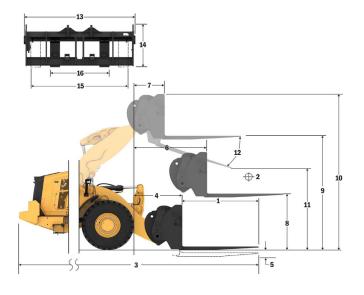
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications
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	nk opecifications		
1	Tine Length	mm in	1830 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	14047
	Otatic Tipping Load - Otraight (Forks Level)	lbs	30960
	Static Tipping Load - Articulated (Forks Level)	kg	12364
	The state of the s	lbs	27251
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6182
		lbs	13625
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7418
	, ,	lbs	16350
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9594
	· · · · · · · · · · · · · · · · · · ·	lbs	21146
3	Maximum Overall Length	mm	9833 387.1
	<u> </u>	in	1126
4	Reach with Forks at Ground Level	mm 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
_	0 11 7 17 11 11 11 15 11 1	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
9	Ground to Top of Tine at Maximum Height and Fork Level	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	Overall Height of Fork at Full Lift (top of carriage to ground)	in	186.0
11	Clearance at Full Lift and Max Dump	mm	2444
•••	Oldardioc at 1 dir Elit dira Max Bump	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 mm	33.1 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
	T. T. I	mm	65.0
	Tine Thickness	in	2.6
	Ti 0it-	ka	5246
	Tine Capacity	lbs	11562
	Operating Weight	kg	23862
	Operating Weight	lbs	52592

 966 LOG
 87" Carriage
 72" Tine

 Construction Fork, FUSION
 530-1861
 530-1869



\*Negative values indicate below grade

Payload (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

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,

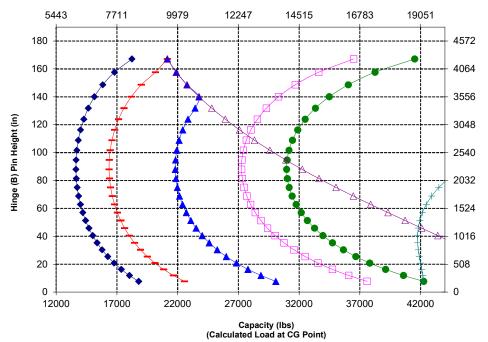
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

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

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.

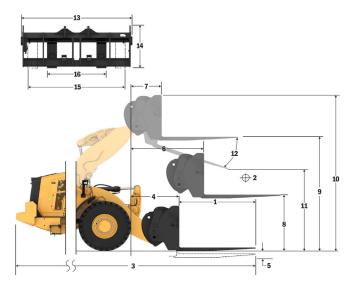
## **Fork Specifications**

Fork Specifications
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	opeometric		
1	Tine Length	mm in	1219 48.0
_		mm	610
2	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	15225
	Static Tipping Load - Straight (Forks Level)	lbs	33555
	Static Tipping Load - Articulated (Forks Level)	kg	13376
	Static ripping Load - Articulated (Forks Level)	lbs	29481
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6688
	Nated Load (SAE 31197 - 30 % F131L)	lbs	14741
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8026
	Nated Load (OLIV LIV 474-5 Nought Terraint - 00 % 1 TOTL)	lbs	17689
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10701
	Nated Load (OLIN LIN 474-51 IIIII and Level Gloding - 66 % 1 161L)	lbs	23585
3	Maximum Overall Length	mm	9173
•	Maximum Overali Lengti	in	361.1
4	Reach with Forks at Ground Level	mm	1077
-	Neach with Long at Clound Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
•	Ground to Bottom of Time at Millimum Height 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	66.3
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
_	Ground to Top of Time with Arms Horizontal and Tork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
_	Ground to Top of Time at Maximan Treight and Tork Edver	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
	Oreitan Height of Fort at Fair Line (top of earnage to greatia)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2820
	Oldardiloo da Fall Elit dila Max Ballip	in	111.0
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	Oronan Carriago Fridan	in	99.5
14	Overall Carriage Height	mm	1130
	O Totali Garriago Floight	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	(··)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	·	in	22.7
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	22200
	* 1 - 7	lbs	48929
	Operating Weight	kg	24124
	· i · u · i ·	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

Payload (CEN FN 474-3 - Firm & Level

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,

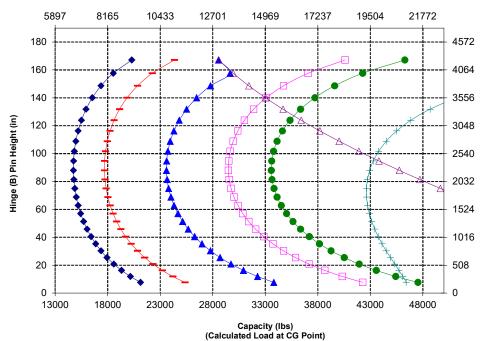
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

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

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)



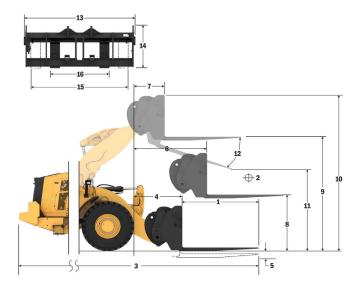
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications
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1	Tine Length	mm	1524
_		in mm	60.0 762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	14474
	Static Tipping Load - Straight (Forks Level)	lbs	31901
	Static Tipping Load - Articulated (Forks Level)	kg	12709
	The state of the s	lbs	28011
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6355
		lbs	14005
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	7625 16806
		kg	10167
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	22409
_		mm	9478
3	Maximum Overall Length	in	373.1
_	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
3	Ground to Bottom or Time at Millimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
_	Trought with 74th 5 Florizontal and 1 onto 2010	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 in	4053 159.6
		mm	5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
		mm	2589
11	Clearance at Full Lift and Max Dump	in	101.9
42	Max Discharge Angle from Horizontal	doa	49
12	Max Discharge Angle Ironi Horizontal	deg	
13	Overall Carriage Width	mm	2528
	O Toran Carriago Trian	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
		mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	17800
	Title Capacity	lbs	39231
	Operating Weight	kg	24190
	operating reagan	lbs	53315

 966 LOG
 96" Carriage
 60" Tine

 Construction Fork, FUSION
 520-7957
 520-7980



\*Negative values indicate below grade

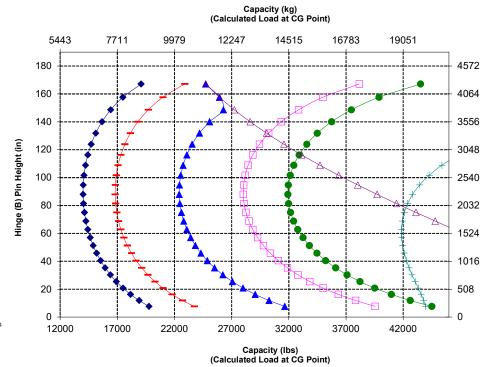


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 one push turn static tipping load on grim and level ground on time to the state of the s

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



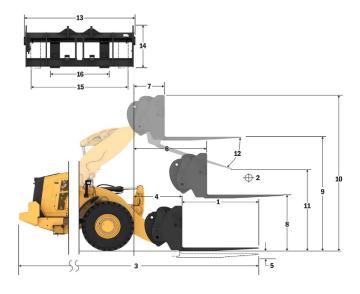
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## **Fork Specifications**

#### **Fork Specifications**

	•		
1	Tine Length	mm in	1829 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	13786
	Otatio ripping Load Citalgrit (r Orko Lover)	lbs	30384
	Static Tipping Load - Articulated (Forks Level)	kg	12097
		lbs	26662
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6049
		lbs	13331 7258
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	15997
		kg	9678
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	21330
_	W : 0 III II	mm	9783
3	Maximum Overall 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
	Cround to Bottom of Time at William Height and Tork Level	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 in	1970 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	Clearance at Full Lift and Max Dump	mm	2359
11	Clearance at Full Lift and Max Dump	in	92.9
12	Max Discharge Angle from Horizontal	deg	49
	Max Blocklarge / trigle from Florizontal		
13	Overall Carriage Width	mm	2528
	<u> </u>	in	99.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Title Width (single title)	in	7.1
	Tine Thickness	mm	90.0
	THE THORIESS	in	3.5
	Tine Capacity	kg	14800
	inia ampany	lbs	32619
	Operating Weight	kg	24251
		lbs	53449

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



Hinge (B) Pin Height (mm)

- Payload (CEN EN 474-3 - Rough Ter

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

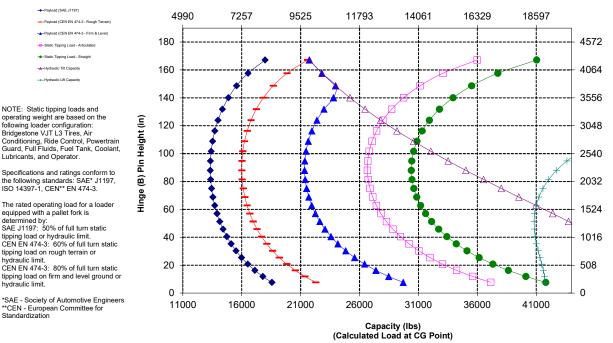
Lubricants, and Operator. Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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.

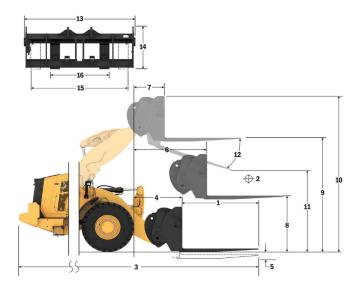
<sup>\*</sup>Negative values indicate below grade

Fork Specifications
---------------------

	rk opecifications		
1	Tine Length	mm in	2134
_		mm	84.0 1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	13147
	Otatio ripping Load Otalghi (Fonto Lover)	lbs	28976
	Static Tipping Load - Articulated (Forks Level)	kg	11529
		lbs	25410
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5764
	,	lbs	12705 6917
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	15246
		ka	8773
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	19337
_		mm	10088
3	Maximum Overall Length	in	397.1
_	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
3	Glound to Bottom of Time at William Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
	Trought Will 7 time Florizontal and Forke Edver	in	66.4
7	Reach with Fork at Maximum Height	mm	818
•	Trouble Marie Sir de Maximum Progre	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 5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	200.5
		mm	2128
11	Clearance at Full Lift and Max Dump	in	83.8
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm	1130 44.5
		in mm	2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	T APPRIL ( 1 P )	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	Title Titlickness	in	3.5
	Tine Capacity	kg	12700
	тне Сараску	lbs	27991
	Operating Weight	kg	24314
	Operating Weight	lbs	53588

 966 LOG
 96" Carriage
 84" Tine

 Construction Fork, FUSION
 520-7957
 520-7986



\*Negative values indicate below grade

Payload (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

Lubricants, and Operator.

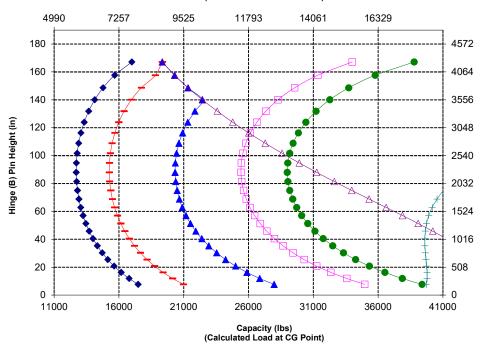
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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.
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.

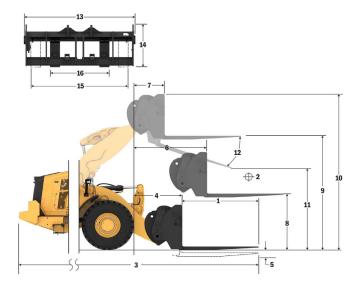
## **Fork Specifications**

#### **Fork Specifications**

	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

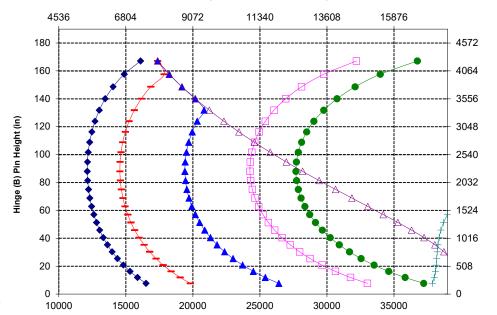


Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

- Payload (CEN EN 474-3 - Rough Te

#### 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.

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

tipping load on firm and level ground or hydraulic limit.

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



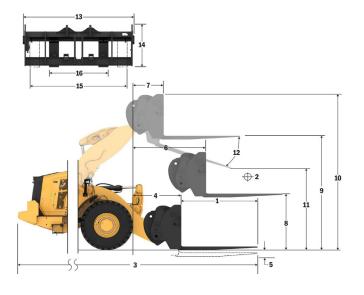
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### **Fork Specifications**

	•		
1	Tine Length	mm in	1219 48.0
_	1 d Ot	mm	610
2	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	15184
	Otatio ripping Load Citalgrit (r Orko Lover)	lbs	33466
	Static Tipping Load - Articulated (Forks Level)	kg	13336
	()	lbs	29392
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6668
		lbs	14696
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8001
	<u> </u>	lbs	17635
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10669
		lbs mm	23513 9173
3	Maximum Overall Length	in	361.1
		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
_	B 1 20 A 10 C 15 C 15 C 1	mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.3
7	Deach with Early at Maximum Height	mm	818
,	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
•	Ground to Top of Time 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 or Timo at maximum Flogrit and Fore 2010	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
		in	200.5
11	Clearance at Full Lift and Max Dump	mm	2820
	<u> </u>	in	111.0
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
	Overall Carriage Vitali	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2493
		in	98.1 590
16	Outside Tine Width (min spread)	mm in	23.2
	Ti \Midth (-iI- ti)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	22200
	Time Supusity	lbs	48929
	Operating Weight	kg	24177
	opolouing Troight	lbs	53286

 966 LOG
 108" Carriage
 48" Tine

 Construction Fork, FUSION
 520-7968
 520-7985



\*Negative values indicate below grade

Payload (CEN EN 474-3 - Rough Terral

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.

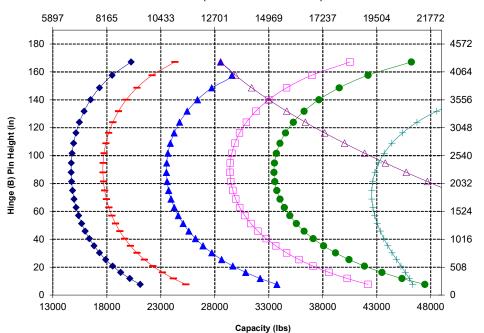
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

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.

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



(Calculated Load at CG Point)

\*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.

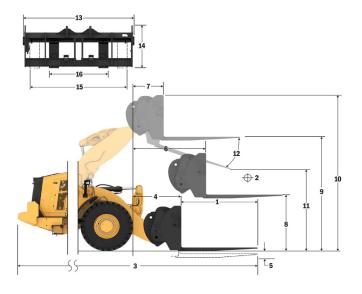
## **Fork Specifications**

Fork Specifications	tions
---------------------	-------

	k Specifications		
1	Tine Length	mm	1524 60.0
_		in mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	14439
	State Tipping Load Statignt (1 Sins Lots)	lbs	31824
	Static Tipping Load - Articulated (Forks Level)	kg	12674
	· · · · · · · · · · · · · · · · · · ·	lbs kg	27933 6337
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13967
		kg	7604
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	16760
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10139
	Nated Load (CEN EN 474-3 Fillil and Level Glound - 60 % F131L)	lbs	22347
3	Maximum Overall Length	mm	9478
_	That are a second and a second	in	373.1
4	Reach with Forks at Ground Level	mm	1077
		in	42.4 -87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-87
		mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
_	B 1 20 E 1 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	818
7	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
_	Cround to Top of Time with Arms Horizontal and Fork Level	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 in	5093 200.5
		mm	2589
11	Clearance at Full Lift and Max Dump	in	101.9
	M B: 1 A 1 C 11 : 41		
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
	Oronan Garriago Friant	in	111.5
14	Overall Carriage Height	mm	1130
	<u> </u>	in mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
	O LIL TI MINI / I	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Tille Width (single tille)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	kg	17800
	* 1 - 7	lbs	39231
	Operating Weight	kg	24239
	• •	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

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

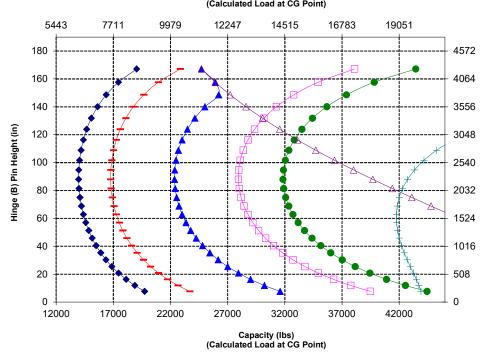


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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





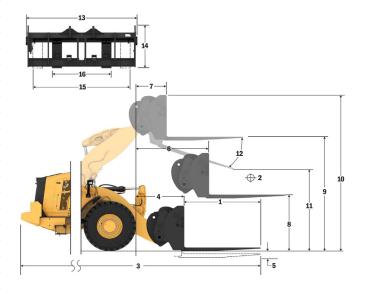
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### **Fork Specifications**

	•		
1	Tine Length	mm in	1829 72.0
	Load Center	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	13751
	Otatio ripping Load Otalight (Folks Lovel)	lbs	30307
	Static Tipping Load - Articulated (Forks Level)	kg	12062
	11 0 / /	lbs	26585
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6031
		lbs	13293 7237
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	15951
		kg	9650
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	21268
_		mm	9783
3	Maximum Overall Length	in	385.1
	D 1 31 E 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
9	Ground to Bottom or Time at Milhimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
٠	Reacti Willi Alliis Holizontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818
	Troubit with Fork at Maximum Floright	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
	<u> </u>	in	159.6 5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	200.5
		mm	2359
11	Clearance at Full Lift and Max Dump	in	92.9
12	Max Discharge Angle from Horizontal	deg	49
	0 10 1 10 11	mm	2833
13	Overall Carriage Width	in	111.5
11	Overall Carriage Height	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	Outside Tille Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
		in	23.2
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 14800
	Tine Capacity	kg Ibs	32619
		kg	24301
	Operating Weight	lbs	53560
		ina	55500

 966 LOG
 108" Carriage
 72" Tine

 Construction Fork, FUSION
 520-7968
 520-7979



\*Negative values indicate below grade

Payload (CEN EN 474-3 - Rough Terrail

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,

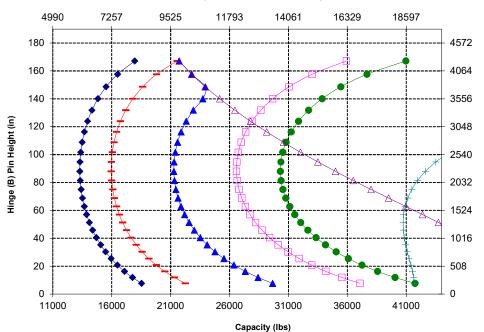
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraullc limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

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)



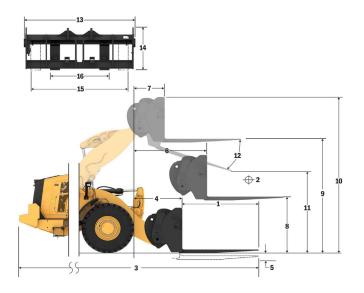
(Calculated Load at CG Point)

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

## **Fork Specifications**

	nk opecifications		
1	Tine Length	mm in	2134
_		mm	84.0 1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	13115
	Citato ripping Load Citatgrit (Forks Lover)	lbs	28905
	Static Tipping Load - Articulated (Forks Level)	kg	11497
	, ,	lbs	25338
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5748
		lbs kg	12669 6898
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15203
		ka	8767
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	19322
3	Maximum Overall Length	mm	10088
3	Maximum Overali Length	in	397.1
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
	Cround to Bottom or Time at Miniminan Fleight and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
	Trouble Hall / Hillo Florizontal and Forto 2010	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	2128
11	Clearance at Full Lift and Max Dump	in	83.8
40	Man Diaghana Anala fara Harimantal		49
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
	Overall Carriage viriality	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in	97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	Ti 0it-	ka	12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	24363
	Operating Weight	lbs	53696

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



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

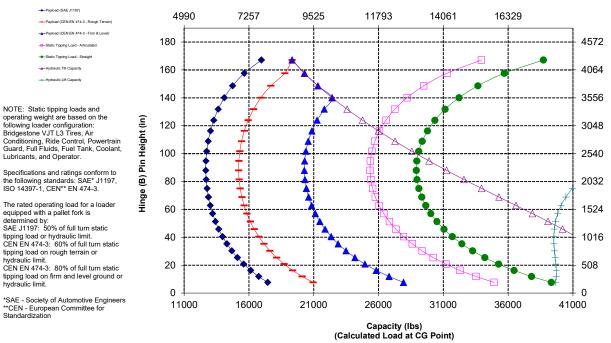
Lubricants, and Operator. Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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)





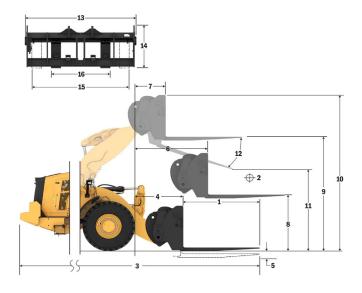
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### **Fork Specifications**

	ik opecifications		
1	Tine Length	mm	2438
	<u> </u>	in mm	96.0 1219
2	Load Center	in	48.0
	O. C. T	ka	12526
	Static Tipping Load - Straight (Forks Level)	lbs	27606
	Ctatic Timeira I and Additional (Forder I area)	kg	10972
	Static Tipping Load - Articulated (Forks Level)	lbs	24182
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5486
	Nated Load (SAE 31197 - 30 % F131L)	lbs	12091
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6583
	Traica Load (OLIV LIV 47 4 O Troagil Tollaill OO701 TOTE)	lbs	14509
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7875
	Trace Edda (OE14 E14 474 OT IIIII and Edver Ground Go 701 101E)	lbs	17357
3	Maximum Overall Length	mm	10392
	- Maximum 5 Fordin 25 Hgui	in	409.1
4	Reach with Forks at Ground Level	mm	1077
	Trought Man Fortic at Cround 25761	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
_	Ordana to Bottom of Timo at minimum Froight and Fort Earth	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
_	• !	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
	· · · · · · · · · · · · · · · · · · ·	in	200.5
11	Clearance at Full Lift and Max Dump	mm	1899
		in	74.7
12	Max Discharge Angle from Horizontal	deg	49
		mm	2833
13	Overall Carriage Width	in	111.5
		mm	1130
14	Overall Carriage Height	in	44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
		mm	590
16	Outside Tine Width (min spread)	in	23.2
	T' 140 H ( ' 1 0 )	mm	180.0
	Tine Width (single tine)	in	7.1
	Tina Thinkson	mm	90.0
	Tine Thickness	in	3.5
		in kg	3.5 11300
	Tine Capacity		
		kg	11300

 966 LOG
 108" Carriage
 96" Tine

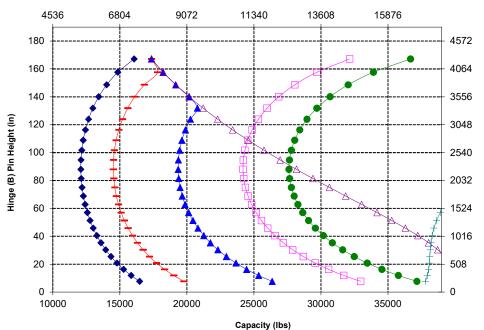
 Construction Fork, FUSION
 520-7968
 520-7981



\*Negative values indicate below grade

- Payload (CEN EN 474-3 - Rough Te

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



(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.

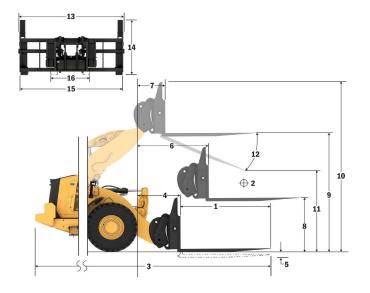
## **Fork Specifications**

#### **Fork Specifications**

1 Tine Length         mm (1829) in 72.0         1 mm (72.0) static Tipping Load - Straight (Forks Level)         mm (31.5) static Tipping Load - Straight (Forks Level)         kg (13665) static Tipping Load - Articulated (Forks Level)         kg (1994) static Tipping Load - Articulated (Forks Level)         kg (1994) static Tipping Load - Articulated (Forks Level)         kg (5997) static Tipping Load - Articulated (Forks Level)         kg (5997) static Tipping Load - Articulated (Forks Level)         kg (5997) static Tipping Load - Articulated (Forks Level)         kg (5997) static Tipping Load - Articulated (Forks Level)         kg (5997) static Tipping Load - Articulated (Forks Level)         kg (5997) static Tipping Load - Articulated (Forks Level)         kg (5997) static Tipping Load - Articulated (Forks Level)         kg (7997) static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)         kg (7997) static Tipping Load - Articulated (Forks Level Ground - 80% FTSTL)         kg (7997) static Tipping Load - Articulated (Forks Level Static Tipping Load (CEN EN 474-3 Form and Level Ground - 80% FTSTL)         kg (7997) static Tipping Load		•		
2   Load Center	1	Tine Length		
Static Tipping Load - Straight (Forks Level)   kg   13665   lbs   30118	_			
Static Tipping Load - Straight (Forks Level)   Ibs   30118     Static Tipping Load - Articulated (Forks Level)   Ibs   20435     Rated Load (SAE J1197 - 50% FTSTL)   Ibs   3217     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   15861     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   15861     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   20812     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   15861     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   20812     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   20812     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   20812     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3443     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3443     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3464     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3464     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3464     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3464     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3464     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3464     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ids   3474     Rated Load (CEN	2	Load Center		
Static Tipping Load - Articulated (Forks Level)   Ibs   26435		Static Tipping Load - Straight (Forks Level)	kg	13665
Rated Load (SAE J1197 - 50% FTSTL)   Ibs   26435   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Kg   7196   Ibs   13217   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Kg   9443   Ibs   20814		Otatio ripping Load Ottaight (Folio Lovel)		
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   13217		, ,		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Ferrain - 00% F1STL)   Ibs   15861   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   9443   3   Maximum Overall Length   mm   9826   in   3866   3864   Reach with Forks at Ground Level   mm   1120   in   441.   5 *Ground to Bottom of Tine at Minimum Height and Fork Level   mm   -88   in   -85   6   Reach with Arms Horizontal and Forks Level   mm   68.0   mm   69.0   mm				
Bis   20812   South   South		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
188   20812   20812   20812		Pated Load (CEN EN 474.3 Firm and Lovel Ground, 90% ETSTL)	kg	9443
Meaking the Control of Price at Minimum Height and Fork Level   mm   1420		Nated Load (CEN EN 474-3 Film and Level Gloding - 80 % F131L)	lbs	
Reach with Forks at Ground Level   In   386.8   In   44.1   In   4.5   In   44.1	3	Maximum Overall Length		
14   14   15   15   16   17   17   18   18   18   18   18   18	_			
5         "Ground to Bottom of Tine at Minimum Height and Fork Level         mm         -88 in -3.5 sin -3.9 sin -3	4	Reach with Forks at Ground Level		
Reach with Arms Horizontal and Forks Level   mm   1728   mm   1728   mm   1728   mm   860   mm   1968   mm   1969				
6         Reach with Arms Horizontal and Forks Level         mm (8.0) in (8.0) in (8.0)           7         Reach with Fork at Maximum Height         mm (8.0) in (3.3)           8         Ground to Top of Tine with Arms Horizontal and Fork Level in (7.5)         mm (1.5)           9         Ground to Top of Tine at Maximum Height and Fork Level in (1.5)         mm (1.5)           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm (2.7)         5565           11         Clearance at Full Lift and Max Dump         mm (2.37)         1.0         9.3.6           12         Max Discharge Angle from Horizontal         deg (4.7)         4.7           13         Overall Carriage Width         mm (2470)         1.0           14         Overall Carriage Height         1.0         9.3           15         Outside Tine Width (max spread)         1.0         9.3.1           16         Outside Tine Width (min spread)         1.0         9.3.1           17         Tine Width (single tine)         1.0         1.0         1.0           18         Outside Tine Width (min spread)         1.0         1.0         1.0         1.0         1.0           18         Outside Tine Width (min spread)         1.0         1.0         1.0         1.0	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
Reach with Arms Horizontal and Forks Level   in   68.0 mm   860 mm   33.9 mm   1968	_			
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   1968   m   77.5   mm   1968   m   77.5   mm   1968   m   77.5   mm   1968   m   77.5   mm   1968   m   19	6	Reach with Arms Horizontal and Forks Level		
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   13.9 mm   17.5	7	Posch with Fork at Maximum Height	mm	860
9   Ground to Top of Tine with Arms Horizontal and Fork Level   in   77.5   mm   4052   in   159.5   159.5   10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   5565   in   219.1   219.7   11   Clearance at Full Lift and Max Dump   mm   2377   in   93.6   12   Max Discharge Angle from Horizontal   deg   47   47   47   47   47   47   47   4	<u>'</u>	Reach with Fork at Maximum Height	in	33.9
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 2377  11 Clearance at Full Lift and Max Dump mm 2377  12 Max Discharge Angle from Horizontal deg 47  13 Overall Carriage Width mm 2470  14 Overall Carriage Height in 97.3  15 Outside Tine Width (max spread) mm 109.1  16 Outside Tine Width (min spread) mm 100.2  Tine Width (single tine) mm 180.0  Tine Thickness mm 90.0  In 3.5  Tine Capacity Maximum Height and Fork Level in 159.5  Imm 90.0  In 3.5	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
159.5	_			
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   5565   in 219.1     11   Clearance at Full Lift and Max Dump   mm   2377   in   93.6     12   Max Discharge Angle from Horizontal   deg   47     13   Overall Carriage Width   in   97.3   mm   1603     14   Overall Carriage Height   mm   1603   in   63.1     15   Outside Tine Width (max spread)   mm   2366   in   93.6   in   93.6     16   Outside Tine Width (min spread)   mm   1002   in   39.4     17   Tine Width (single tine)   mm   180.0   in   7.1     18   Tine Thickness   mm   90.0   in   3.5     19   Tine Capacity   Kg   2000   Tine   1000   Ti	9	Ground to Top of Tine at Maximum Height and Fork Level		
11   Clearance at Full Lift and Max Dump   mm   2377   mm   2470   mm   2470		<u> </u>		
11 Clearance at Full Lift and Max Dump         mm of 1936         2377 in of 1936           12 Max Discharge Angle from Horizontal         deg	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
12         Max Discharge Angle from Horizontal         deg         47           13         Overall Carriage Width         mm         2470 in         97.3 in           14         Overall Carriage Height         mm         2366 in         93.1 in         83.1 in         93.6 in         93.1 in         93.6 in         93.6 in         93.1 in         93.6 in         93.1 in         93.6 in         93.1 in         93.6 in         93.1 in         93.6 in         93.6 in         93.1 in <td>44</td> <td>Ol</td> <td></td> <td></td>	44	Ol		
13   Overall Carriage Width   mm   2470   in   97.3       14   Overall Carriage Height   mm   2631   in   63.1       15   Outside Tine Width (max spread)   mm   2636   in   93.1       16   Outside Tine Width (min spread)   mm   1002   in   39.4       Tine Width (single tine)   mm   180.0   in   7.1       Tine Thickness   mm   90.0   in   3.5       Tine Capacity   8kg   1260	11	Clearance at Full Lift and Max Dump	in	93.6
13   Overall Carriage Width   mm   2470   in   97.3       14   Overall Carriage Height   mm   163.1   mm   163.1   mm   163.1   mm   163.1   mm   163.1   mm   100.2   mm   100.2   mm   100.2   mm   100.2   mm   100.2   mm   100.2   mm   180.0   mm	12	Max Discharge Angle from Horizontal	den	47
14   Overall Carriage Width   in   97.3     14   Overall Carriage Height   in   1603     163.1     15   Outside Tine Width (max spread)   in   2366   in   93.1     16   Outside Tine Width (min spread)   in   1002   in   100.2     17.1		Max Discharge Angle Iron Horizontal		
14   Overall Carriage Height   mm   163.1     15   Outside Tine Width (max spread)   mm   109.2     16   Outside Tine Width (min spread)   mm   109.2     17   Tine Width (single tine)   mm   180.0     18   Tine Thickness   mm   90.0     19   Tine Capacity   kg   126.2     10   Tine Capacity   kg   126.2     10   Tine Capacity   kg   126.2     10   Tine Capacity   kg   126.2     11   Tine Capacity   kg   126.2     12   Tine Capacity   kg   126.2     13   Tine Capacity   kg   126.2     15   Tine Capacity   kg   126.2     15   Tine Capacity   kg   126.2     15   Tine Capacity   kg   126.2     16   Tine Capacity   kg   126.2     17   Tine Thickness   kg   126.2     18   Tine Capacity   kg   126.2     18   T	13	Overall Carriage Width		
15   Outside Tine Width (max spread)   mm   2366   ms   2361   m	_	· · · •		
15         Outside Tine Width (max spread)         mm / 93.1 mm         2366 in 93.1 mm           16         Outside Tine Width (min spread)         mm / 180.0 mm         180.0 mm           Tine Width (single tine)         mm / 180.0 mm         90.0 mm         90.0 mm           Tine Thickness         mm / 180.0 mm         90.0 mm         3.5 mm           Tine Capacity         kg 1266         4.5 mm	14	Overall Carriage Height		
16   Outside Tine Width (max spread)   in   93.1   mm   1002   mm   39.4   mm   1002   mm   180.0   mm   18				
16 Outside Tine Width (min spread)         mm in 39.4 in 39.4           Tine Width (single tine)         mm in 7.1           Tine Thickness         mm 90.0 in 3.5           Tine Capacity         kg 12600	15	Outside Tine Width (max spread)		
1   39.4   180.0   1	40	Outside Tine Width (min annead)		
Ine Width (single tine)         in         7.1           Tine Thickness         mm         90.0           Tine Capacity         kg         12600	10	Outside Title Width (min spread)	in	39.4
Tine Thickness in 3.5  Tine Capacity kg 12600		Tine Width (single tine)		
Tine Canacity kg 12600		····- ··· \··g·v ·····/		
Tine Canacity kg 12600		Tine Thickness		
		Tine Capacity		
len 24202				
Operating Weight Kg 24202 lbs 53341		Operating Weight		

**966 LOG**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,

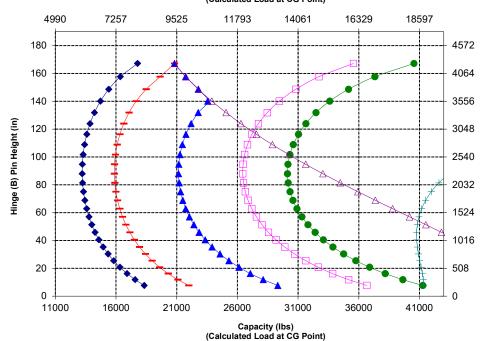
the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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)



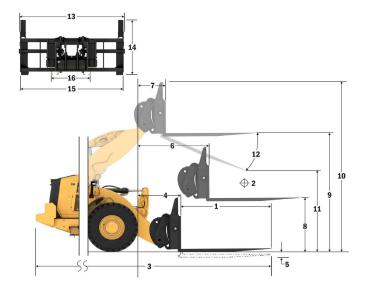


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### **Fork Specifications**

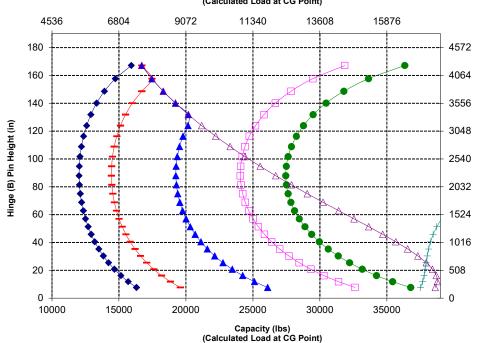
	•		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	12453
		lbs	27445
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	10914 24055
	D	kg	5457
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	12027
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6548
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	14433
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7575
		lbs	16695
3	Maximum Overall Length	mm	10435
	<u> </u>	in mm	410.8 1121
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
6	Reach with Arms Horizontal and Forks Level	mm	1728
•	Reach with Arms Horizontal and Forks Level	in	68.0
7	Reach with Fork at Maximum Height	mm	861
	Troubit with Fork at Maximum Floight	in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1968
	<u> </u>	in	77.5 4052
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	159.5
		mm	5565
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	219.1
44	Clearance at Full Lift and Max Dump	mm	1932
11	Clearance at Full Lift and Max Dump	in	76.1
12	Max Discharge Angle from Horizontal	deg	47
	max Bioditargo 7 tilgio ironi i idizontar		
13	Overall Carriage Width	mm	2470
	<u> </u>	in mm	97.3 1603
14	Overall Carriage Height	in	63.1
	O C C C T WORLD C	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
	Odiside Tille Width (Hill spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	· · · · · · · · · · · · · · · · · · ·	in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 10100
	Tine Capacity	lbs	22260
	O	kg	24330
	Operating Weight	lbs	53624

966 LOG 96" Tine Log & 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.

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.





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

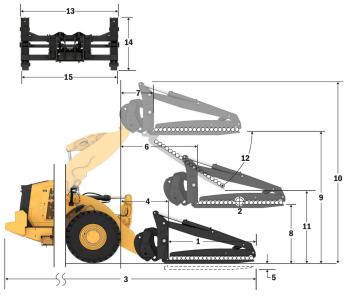
## **Fork Specifications**

#### **Fork Specifications**

	aliana and a		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	10803
		lbs kg	23810 9285
	Static Tipping Load - Articulated (Forks Level)	lbs	20465
	D + 11	kg	4643
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10232
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5571
	Nated Load (OLIV LIV 474-5 Nough Terrain - 00 % 1 101L)	lbs	12279
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6276
		lbs	13833
3	Maximum Overall Length	mm	10479 412.6
	·	in mm	1164
4	Reach with Forks at Ground Level	in	45.8
		mm	-64
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1790
ь	Reach with Arms Horizontal and Forks Level	in	70.5
7	Reach with Fork at Maximum Height	mm	923
	Treach with Fork at Maximum Fleight	in	36.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1993
		in	78.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4076
	· · · · · · · · · · · · · · · · · · ·	in mm	160.5 5539
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.1
	Oleanness at Full Life and Man Downs	mm	1774
11	Clearance at Full Lift and Max Dump	in	69.9
12	Max Discharge Angle from Horizontal	deg	51
	Max Discharge Angle Iron Florizontal	ueg	
13	Overall Carriage Width	mm	3131
		in	123.3
14	Overall Carriage Height	mm	1553
		in mm	61.1 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
	1110 1110111000	in	3.5
	Operating Weight	kg	25869
		lbs	57015
	Active-Clamp Tine Lift Capacity	kg	7621
	<u> </u>	lbs	16796
	Tine Capacity	kg Ibs	12701 27993
		ıns	21333

3629

#### **966 LOG** 96" Tine Pipe & Pole 3" Row, FUSION 365-1318



12701

14969

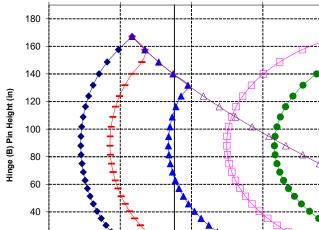
\*Negative values indicate below grade

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

--- 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.

# Capacity (kg) (Calculated Load at CG Point) 10433



8165

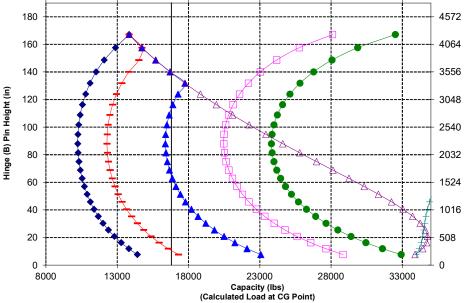
5897

Hinge (B) Pin Height (mm)

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 layel ground or

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.

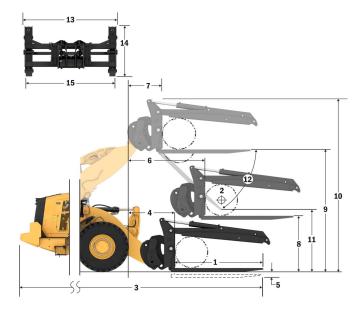


WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

#### **Fork Specifications**

	ik opecifications		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	·	in	48.0 13277
	Static Tipping Load - Straight (Forks Level)	kg Ibs	29262
	Static Tipping Load - Articulated (Forks Level)	kg	11401
	Static Tipping Load - Articulated (Forks Level)	lbs	25128
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5701
		lbs kg	12564 6841
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15077
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9121
	Traced Educ (OEIV EIV 474 O'I IIII and Edver Greating - 66761 1-612)	lbs	20103
3	Maximum Overall Length	mm	10479
	<del>-</del>	in mm	412.6 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
-	Ground to Bottom or Time at Millimum Height and Fork Level	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
	0 11 7 17 71 4 11 1 15 11 1	mm	1993
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	78.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4076
	Cloude to Top of Tillo at Maximum Floight and Fork Edver	in	160.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5539
		in mm	218.1 1774
11	Clearance at Full Lift and Max Dump	in	69.9
12	Max Discharge Angle from Horizontal	deg	51
12	Overall Carriage Width	mm	3131
13	Overall Carriage Width	in	123.3
14	Overall Carriage Height	mm	1553
		in	61.1 2991
15	Outside Tine Width (max spread)	mm in	117.8
40	Outside Time (Middle (main annual))	mm	2991
16	Outside Tine Width (min spread)	in	117.8
	Tine Width (single tine)	mm	200.0
	(g)	in	7.9
	Tine Thickness	mm in	90.0 3.5
	Operating Weight	kg	25869
	Operating Weight	lbs	57015
	Active-Clamp Tine Lift Capacity	kg	7621
		lbs	16796
	Tine Capacity	kg lbs	12701 27993
	441 6 1 1 6 1 1 1	IDS	21993

# **966 LOG**Pipe & Pole 30" Row, FUSION 365-1318



\*Negative values indicate below grade

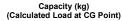


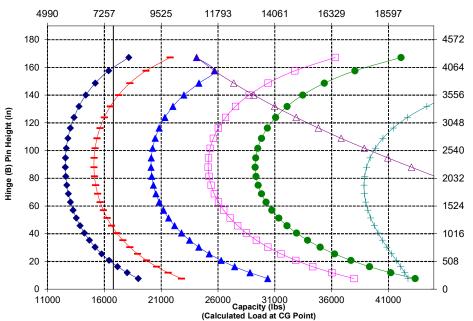
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 girn and level ground or the proper state of the pro

\*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.



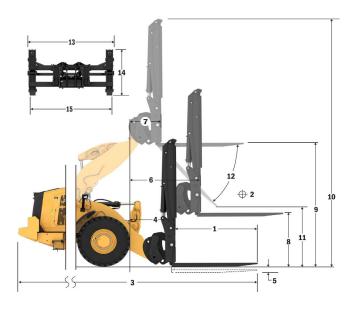
WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

## **Fork Specifications**

#### **Fork Specifications**

Load Center				
2	1	Tine Length		2438
Static Tipping Load - Straight (Forks Level)   Ibs   246   Static Tipping Load - Articulated (Forks Level)   Ibs   246   Static Tipping Load - Articulated (Forks Level)   Ibs   2127   Rated Load (SAE J1197 - 50% FTSTL)   Igs   482   Ibs   1060   Ibs	_	1 1 0		1219
Static Tipping Load - Straight (Forks Level)   Ibs   2466   Static Tipping Load - Articulated (Forks Level)   Idg   965   Ibs   2127   Rated Load (SAE J1197 - 50% FTSTL)   Idg   482   Ibs   1066   I	2	Load Center		48.0
Static Tipping Load - Articulated (Forks Level)   Static Tipping Load (SAE J1197 - 50% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground Level In 45.4		Static Tipping Load - Straight (Forks Level)		11165
Rated Load (SAE J1197 - 50% FTSTL)   kg   482   185		Chaile Tipping Load Chaight (Folio Lotol)		24608
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   1066				
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		10637
Rated Load (CEN EN 474-3 Rough Herain - 60% FTSTL)   Ibs   1276     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   1554     3   Maximum Overall Length   mm   1047     4   Reach with Forks at Ground Level   mm   116     5   *Ground to Bottom of Tine at Minimum Height and Fork Level   mm   -84     6   Reach with Arms Horizontal and Forks Level   mm   70.2     7   Reach with Fork at Maximum Height   mm   98     8   Ground to Top of Tine with Arms Horizontal and Fork Level   in   78.1     9   Ground to Top of Tine at Maximum Height and Fork Level   mm   407     10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   707     11   Clearance at Full Lift and Max Dump   mm   177     12   Max Discharge Angle from Horizontal   deg   5     13   Overall Carriage Width   mm   313     14   Overall Carriage Height   mm   mm   121     15   Outside Tine Width (max spread)   mm   mm   177     16   Outside Tine Width (max spread)   mm   177     17   mm   170   mm   170     18   Outside Tine Width (max spread)   mm   170     19   Outside Tine Width (max spread)   mm   170     10   Outside Tine Width (max spread)   mm   170     11   Total Carriage Width   mm   170     12   13   Outside Tine Width (max spread)   mm   170     14   Outside Tine Width (max spread)   mm   170     15   Outside Tine Width (max spread)   mm   170     16   Outside Tine Width (max spread)   mm   170     17   Outside Tine Width (max spread)   mm   170     18   Outside Tine Width (max spread)   mm   170     19   Outside Tine Width (max spread)   mm   170     10   Outside Tine Width (max spread)   mm   170		Detect   cod (OEN EN 474 2 Decemb Terreion COO/ ETCT)		5792
State   Load (CEN EN 474-3 Firm and Level Ground - 80% F1S1L)   Ibs   1554     3		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		12765
108   1084   1		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		7055
A   Reach with Forks at Ground Level   mm   116   165   165   165   166   167   16		Traced Edda (OETV ETV 474 OT IIII and Edver Ground Go 701 TOTE)		15549
A Reach with Forks at Ground Level   mm   116     5 *Ground to Bottom of Tine at Minimum Height and Fork Level   mm   179     6 Reach with Arms Horizontal and Forks Level   mm   179     7 Reach with Fork at Maximum Height   mm   92     8 Ground to Top of Tine with Arms Horizontal and Fork Level   mm   199     9 Ground to Top of Tine at Maximum Height   mm   458     10 Overall Height of Fork at Full Lift (top of carriage to ground)   mm   777     11 Clearance at Full Lift and Max Dump   mm   177     12 Max Discharge Angle from Horizontal   deg   51     13 Overall Carriage Width   mm   313     14 Overall Carriage Height   mm   323     15 Outside Tine Width (max spread)   mm   121     17 Outside Tine Width (max spread)   mm   177     18 Outside Tine Width (max spread)   mm   178     19 Outside Tine Width (max spread)   mm   178     10 Outside Tine Width (max spread)   mm   178     11 Outside Tine Width (max spread)   mm   178     12 Outside Tine Width (max spread)   mm   178     13 Outside Tine Width (max spread)   mm   178     14 Outside Tine Width (max spread)   mm   178     15 Outside Tine Width (max spread)   mm   178     16 Outside Tine Width (max spread)   mm   178     17 Outside Tine Width (max spread)   mm   178     18 Outside Tine Width (max spread)   mm   178     19 Outside Tine Width (max spread)   mm   178     10	3	Maximum Overall Length		10479
14   Reach with Forks at Ground Level   in   45.5     5   *Ground to Bottom of Tine at Minimum Height and Fork Level   in   -2.4     6   Reach with Arms Horizontal and Forks Level   in   779     7   Reach with Fork at Maximum Height   in   78.1     8   Ground to Top of Tine with Arms Horizontal and Fork Level   in   78.1     9   Ground to Top of Tine at Maximum Height and Fork Level   in   160.     10   Overall Height of Fork at Full Lift (top of carriage to ground)   in   278.     11   Clearance at Full Lift and Max Dump   in   177.     12   Max Discharge Angle from Horizontal   deg   51     13   Overall Carriage Width   in   123.     14   Overall Carriage Height   in   121.     15   Outside Tine Width (max spread)   in   177.     17   In   170.     18   Outside Tine Width (max spread)   in   177.     19   In   170.     10   In   170.     11   In   170.     12   In   In   In   In   In   In   In     13   In   In   In   In   In     14   In   In   In   In   In     15   Outside Tine Width (max spread)   In   In   In     16   In   In   In   In     17   In   In   In   In     17   In   In   In   In     18   In   In   In     19   In   In   In     10   In   In   In     11   In   In   In     12   In   In   In     13   In   In   In     14   In   In   In     15   In   In   In     16   In   In   In     17   In   In   In     17   In   In   In     18   In   In   In     19   In   In   In     10   In   In   In     11   In   In   In     12   In   In   In     13   In   In   In     14   In   In   In     15   In   In   In     16   In   In     17   In   In     17   In   In     17   In   In     18   In   In     18   In   In     19   In   In     10   In   In     11   In   In     12   In   In     13   In   In     14   In   In   In     15   In   In   In     16   In   In     17   In   In     17   In   In     18   In   In     19   In   In     10   In   In     10   In   In     11   In   In     12   In   In     12   In   In     13   In   In     14   In   In     15   In   In   In     16   In   In     17   In   In     17   In   In     18	_	<u> </u>		
5	4	Reach with Forks at Ground Level		
1				
6         Reach with Arms Horizontal and Forks Level         mm         179           7         Reach with Fork at Maximum Height         mm         79.2           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm         19.3           9         Ground to Top of Tine at Maximum Height and Fork Level         mm         70.1           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         70.7           11         Clearance at Full Lift and Max Dump         mm         177.           12         Max Discharge Angle from Horizontal         deg         51           13         Overall Carriage Width         mm         313           14         Overall Carriage Height         mm         30.4           15         Outside Tine Width (max spread)         mm         20.2	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
7   Reach with Fork at Maximum Height   mm   92: mm   93: mm   95: mm   407: m	_	Basak with Assaultainental and Faster Lavel		1790
React With Fork at Maximum Height   in   36.	ь	Reach with Arms Horizontal and Forks Level	in	70.5
19   19   19   19   19   19   19   19	7	Reach with Fork at Maximum Height	mm	923
9   Ground to Top of Tine with Arms Horizontal and Fork Level   in   78.4 mm   407.	<u>.                                    </u>	Trought with 1 on at maximum rieight		36.3
9         Ground to Top of Tine at Maximum Height and Fork Level         mm         407           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         707           11         Clearance at Full Lift and Max Dump         mm         mm         17           12         Max Discharge Angle from Horizontal         deg         51           13         Overall Carriage Width         mm         313           14         Overall Carriage Height         mm         308           15         Outside Tine Width (max spread)         mm         208	8	Ground to Top of Tine with Arms Horizontal and Fork Level		1993
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   707.   mm		<u> </u>		
10   Overall Height of Fork at Full Lift (top of carriage to ground)	9	Ground to Top of Tine at Maximum Height and Fork Level		
11   Clearance at Full Lift and Max Dump   mm   177.   1				7074
11   Clearance at Full Lift and Max Dump   mm   177   in   69.5     12   Max Discharge Angle from Horizontal   deg   51     13   Overall Carriage Width   mm   308   in   123.     14   Overall Carriage Height   mm   308   in   121.     15   Outside Tine Width (max spread)   in   117   1	10	Overall Height of Fork at Full Lift (top of carriage to ground)		278.5
Max Discharge Angle from Horizontal   deg   51     Max Discharge Angle from Horizontal   deg   51     Max Discharge Angle from Horizontal   mm   318     Max Discharge Angle from Horizontal   mm   230     Max Discharge Angle from Horizontal   mm   318     Max Discharge Angle from Horizontal   deg   51     Max Discharge Width   mm   318     Max Discharge Width   mm	4.4	Clearance at Full Lift and May Dump		1774
3   Overall Carriage Width   mm   313   in   123.	• •	Clearance at Full Lift and Wax Dump	in	69.9
3   Overall Carriage Width   mm   313   in   123.	12	Max Discharge Angle from Horizontal	dea	51
3   Overall Carriage Width	_	Than Bloomango 7 mg.o mont Protection		
14 Overall Carriage Height         mm in 121.           15 Outside Tine Width (max spread)         in 177.	13	Overall Carriage Width		
14 Overall Carriage Height		<u> </u>		
15 Outside Tine Width (max spread) mm 299 in 117.	14	Overall Carriage Height		121.6
in 117.		O L I L T WENT / D		2991
200	15	Outside Tine Width (max spread)		117.8
16 Outside Tine Width (min spread)	16	Outside Tine Width (min spread)	mm	2991
	-	Outside Title Width (Iniin Spread)	in	117.8
		Tine Width (single tine)		200.0
in 7.9		(g)		7.9
		Tine Thickness		90.0
lea 2506				3.5 25869
		Operating Weight		57015
la 1970		T. 0. 3		12700
		Tine Capacity	lbs	27991

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



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

+ Hydraulic Lift Capacity

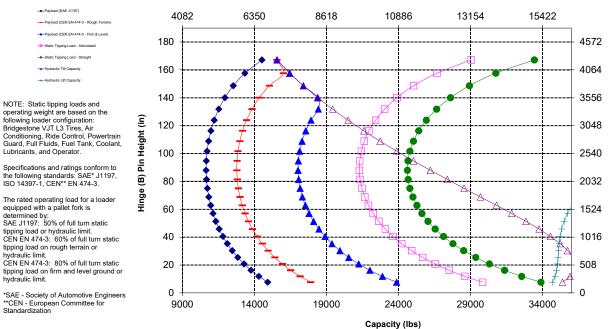
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

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

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

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

# 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.

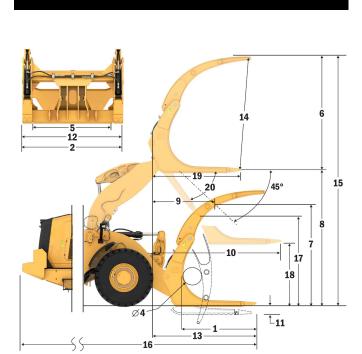
63" Tine

383-3523

## **Fork Specifications**

	_		
Fork	Spec	cifica	tions

	•		
1	Tine length	mm	1609
	<u> </u>	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	27785.7
_	Static tipping load, straight	kg	14550
	Fork level	lbs	32077.8
_	Max, height of fork	mm	2843
6	(w/clamp open if applicable)	in	111.9
_	Clearance w/full lift, 45 deg dump	mm	2765
7	(if max. dump <> 45)	in	108.8
_	· · · · · ·	mm	3987
8	Clearance @ full lift fork level	in	157.0
9	Reach w/full lift, 45 deg dump	mm	1511
9	(if max. dump <> 45)	in	59.5
10	Reach w/lift arm horizontal and fork level	mm	3099
10	Reach Willit ann nonzontal and lork level	in	122.0
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-63
• • •	Croding to Bottom of 100r at Milliminan Freight and 100r Eever	in	-2.5
12	Width over tines	mm	2286
	Wilding over the s	in	90.0
13	Reach @ ground level	mm	2398
	Trough & ground lover	in	94
14	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	mm	2526
	Discharge (if <> 45)	in	99.5
18	Clearance w/horizontal lift arms and	mm	1903.2
	fork level	in	74.9
19	Reach @ full lift and fork level	mm	2231.4
		in	87.8
20	Max. discharge angle from horizontal	deg	60
		rad	1.0



(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.

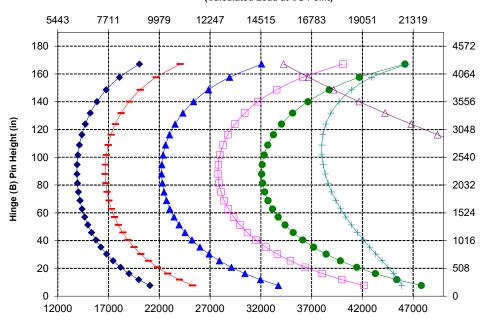
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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



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

<sup>\*</sup>Negative values indicate below grade

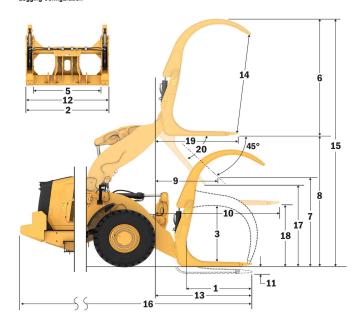
## **Fork Specifications**

Fork	Sno	cifics	tions
FUIK	Sue	CILICO	แบบบร

	•		
1	Tine length	mm	1609
	<u> </u>	in	63.4
2	Fork width	mm	2498
		in	98.3
	End area	m2	1.91
		ft2	21
3	Inside Height	mm	1376
	(only applies to double top clamp)	in	54
4	Min. opening	mm	N/A
	(only applies to millyard forks)	in	N/A
	Operating Weight	kg	24875
		lbs	54840
5	Distance inside of tine tips	mm	1892
	·	in	74
	Static tipping load, articulated	kg	13196
	Fork level	lbs	29092.2
	Static tipping load, straight	kg	15125
	Fork level	lbs	33343.8
6	Max. height of fork	mm	2943
_	(w/clamp open if applicable)	in	115.9
7	Clearance w/full lift, 45 deg dump	mm	2859
	(if max. dump <> 45)	in	112.5
8	Clearance @ full lift fork level	mm	3981
		in	156.7
9	Reach w/full lift, 45 deg dump	mm	1409
	(if max. dump <> 45)	in	55.5
10	Reach w/lift arm horizontal and fork level	mm	2960
	Trouble William House and and John Toron	in	116.5
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-69
		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	mm	2862
	Discharge (if <> 45)	in	112.7
18	Clearance w/horizontal lift arms and	mm	1897.7
	fork level	in	74.7
19	Reach @ full lift and fork level	mm	2092.8
		in	82.4
20	Max. discharge angle from horizontal	deg	45
-20	Max. discharge angle nom nonzonial	rad	0.8
	*Nogative values indicate below grade		

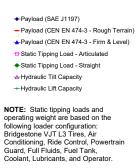
966 LOG **63" Tine** Logging Fork, Pin-On 398-4960

\*Z-Bar Linkage \*Logging Configuration



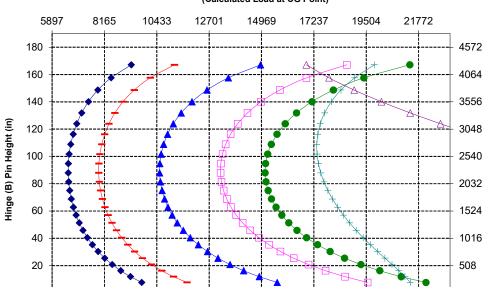
\*Negative values indicate below grade

# 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

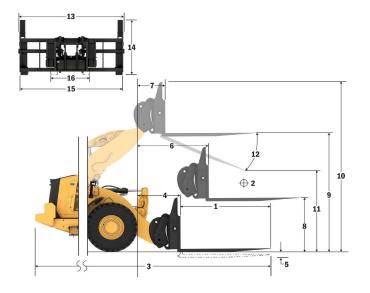


#### **Fork Specifications**

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

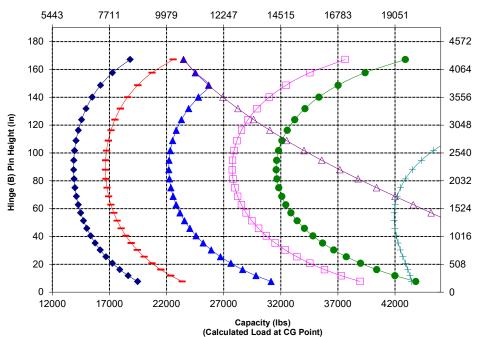
**966 LOG**Log & Lumber No Clamp, FUSION

435-4634



\*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

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.



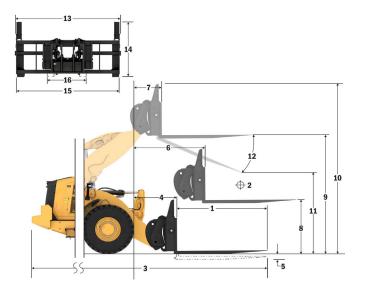
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

## **Fork Specifications**

#### **Fork Specifications**

1	Tine Length	mm in	1829 72.0
_	Load Center	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	13653
	Otatio ripping coda otaligni (romo corol)	lbs	30091
	Static Tipping Load - Articulated (Forks Level)	kg	11985
	, ,	lbs	26415 5992
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	13207
		kg	7191
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15849
	Detect Lond (OFN FN 474 2 Firm and Lond County 200/ FTCTL)	kg	9398
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	20714
3	Maximum Overall Length	mm	9826
	Maximum Overali Lengti	in	386.8
4	Reach with Forks at Ground Level	mm	1120
		in	44.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-88
		in	-3.5 1728
6	Reach with Arms Horizontal and Forks Level	mm in	68.0
		mm	860
7	Reach with Fork at Maximum Height	in	33.9
_	O	mm	1968
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	4052
	Ordana to Top of Time at Maximum Fleight and Fork Edver	in	159.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5562
_	- 3 (1 3 3 7	in	219.0
11	Clearance at Full Lift and Max Dump	mm	2377
		in	93.6
12	Max Discharge Angle from Horizontal	deg	47
	0 110 : 147.111	mm	2176
13	Overall Carriage Width	in	85.7
11	Overall Carriage Height	mm	1601
14	Overall Carriage Fleight	in	63.0
15	Outside Tine Width (max spread)	mm	2084
	Catolae Tille Triatif (max opreda)	in	82.0
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
	Ti Oit-	kg	12600
	Tine Capacity	lbs	27770
	Operating Weight	kg	24182
	Operating Weight	lbs	53297

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



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

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

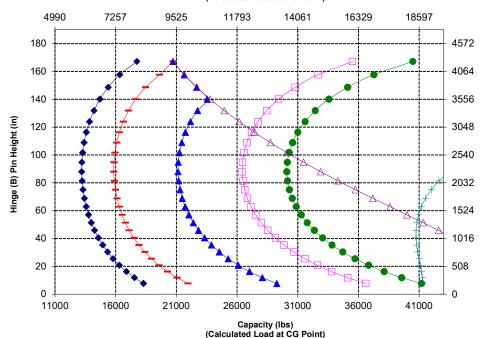
the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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 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)



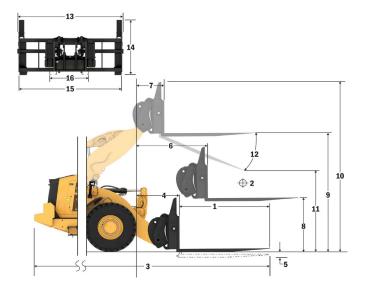
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
_		mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	12443
	Static Tipping Load - Straight (Forks Level)	lbs	27425
	Static Tipping Load - Articulated (Forks Level)	kg	10907
	Otatio Tipping Load Tritodiated (Folio Ecvel)	lbs	24040
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5454
	, , , , ,	lbs	12020
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6544
		lbs	14424 7545
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	16630
		mm	10435
3	Maximum Overall Length	in	410.8
_		mm	1121
4	Reach with Forks at Ground Level	in	44.1
_	*O D. # . (T) III. II. II. II. I	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	861
′	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 74th o Florizontal and Tolk Ecver	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
11	Clearance at Full Lift and Max Dump	mm	1932 76.1
		in	
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 82.0
		in mm	1002
16	Outside Tine Width (min spread)	in	39.4
		mm	180.0
	Tine Width (single tine)	in	7.1
	T: T: 1	mm	90.0
	Tine Thickness	in	3.5
	Tine Conseits	kg	10100
	Tine Capacity	lbs	22260
	Operating Weight	kg	24310
	Operating weight	lbs	53579

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

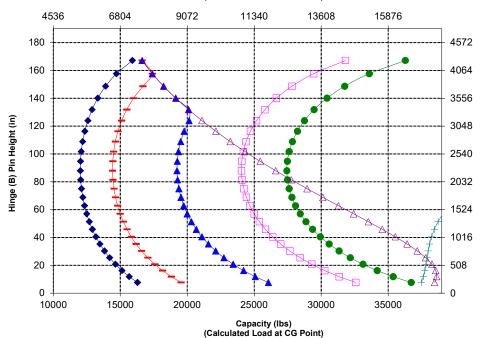
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

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.
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**

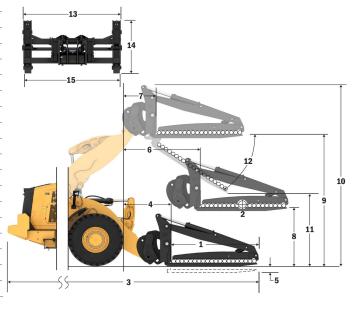
FUI	k Specifications		
1	Tine Length	mm	2438
	<u> </u>	in	96.0 1219
2	Load Center	mm in	48.0
		ka	11511
	Static Tipping Load - Straight (Forks Level)	lbs	25370
	Ctatic Timping Load Adjusted (Fodes Lovel)	ka	9950
	Static Tipping Load - Articulated (Forks Level)	lbs	21930
	Rated Load (SAE J1197 - 50% FTSTL)	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 mm	409.7 1091
4	Reach with Forks at Ground Level	in	42.9
		mm	-109
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-4.3
_	D 1 21 4 11 1 15 1 1 1	mm	1682
6	Reach with Arms Horizontal and Forks Level	in	66.2
-	Person with Early of Manifestors United	mm	815
7	Reach with Fork at Maximum Height	in	32.1
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1947
۰	Gloding to Top of Title with Afrils Horizontal and Fork Level	in	76.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4031
	Ordana to rep or time at maximum riolgitt and r ont 2010.	in	158.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5493
	- 0 (1 0 7	in	216.3
11	Clearance at Full Lift and Max Dump	mm in	2016 79.4
		III	
12	Max Discharge Angle from Horizontal	deg	45
		mm	3131
13	Overall Carriage Width	in	123.3
	O   O   H-i-bt	mm	1553
14	Overall Carriage Height	in	61.1
15	Outside Tine Width (max spread)	mm	2991
13	Odiside Tille Widti (Illax spread)	in	117.8
16	Outside Tine Width (min spread)	mm	2991
	Outside Fille Friday (Hill oprodu)	in	117.8
	Tine Width (single tine)	mm	200.0
	, ,	in	7.9
	Tine Thickness	mm in	90.0 3.5
		ka ka	25315
	Operating Weight	lbs	55794
		kg	7621
	Active-Clamp Tine Lift Capacity	lbs	16796
	T 0 "	kg	12701
	Tine Capacity	lbs	27993

# **966 LOG**

Pipe & Pole 3" Row, Pin-On

96" Tine 447-9939

Hinge (B) Pin Height (mm)

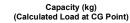


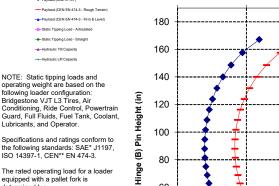
\*Negative values indicate below grade

-- Payload (SAE J1 197) --- 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

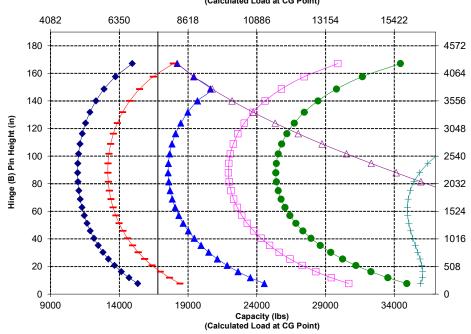
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.





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 cround or 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.

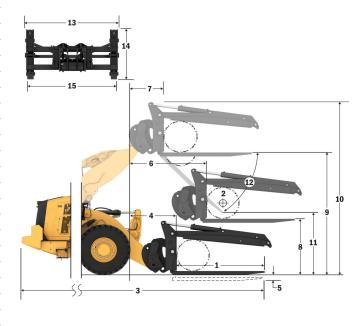


WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Conto	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	14236 31377
		kg	12295
	Static Tipping Load - Articulated (Forks Level)	lbs	27098
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6147
	Traced Educ (G/IE 01101 - 00701 101E)	lbs	13549
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	7377 16259
		kg	9836
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	21678
3	Maximum Overall Length	mm	10406
	IVIAXIIIIUIII Overaii Lerigiii	in	409.7
4	Reach with Forks at Ground Level	mm	1091
		in mm	42.9 -109
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-4.3
_	Reach with Arms Horizontal and Forks Level	mm	1682
6	Reach with Arms Horizonial and Forks Level	in	66.2
7	Reach with Fork at Maximum Height	mm	815
	Trought Marin on at maximum rioight	in	32.1
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1947 76.7
_	0 11 7 77 111 1 15 11 1	mm	4031
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5493
	overall rieight of Fork at Fall (top of barrage to ground)	in	216.3
11	Clearance at Full Lift and Max Dump	mm	2016 79.4
		in	
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm	3131
	O To Tall O Carriago T Tall T	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
	Outside Title Width (Illin Spread)	in	117.8
	Tine Width (single tine)	mm	200.0
		in mm	7.9 90.0
	Tine Thickness	in	3.5
	Operating Weight	kg	25315
	Operating Weight	lbs	55794
	Active-Clamp Tine Lift Capacity	kg	7621
	· · · · · · · · · · · · · · · · · · ·	lbs	16796
	Tine Capacity	kg	12701
		lbs	27993

# **966 LOG**Pipe & Pole 30" Row, Pin-On 447-9939



\*Negative values indicate below grade



- Static Tipping Load - Straight
- Hydraulic Tilt Capacity

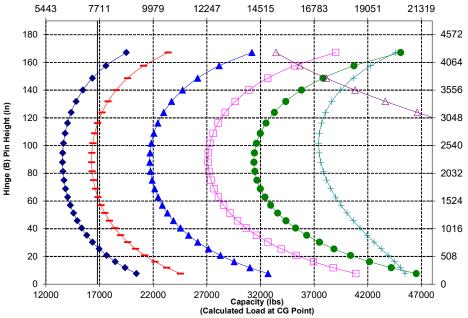
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fulds, Fuel Tank, Coolant, Lubricants, and Operator.

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

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



 $\triangle$ 

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



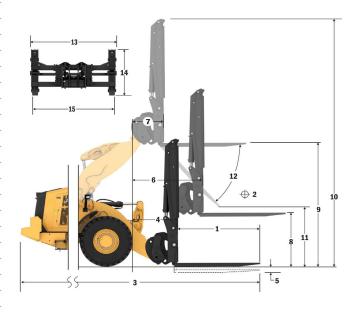
WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

## **Fork Specifications**

#### **Fork Specifications**

	•		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Genter	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	11865
	11 3 3 4 7	lbs	26151
	Static Tipping Load - Articulated (Forks Level)	kg	10310
		lbs kg	22724 5155
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	11362
	- · · · · · · · · · · · · · · · · · · ·	kg	6186
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13634
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8248
	Rated Load (CEN EN 474-3 Filli and Level Glound - 60% F151L)	lbs	18179
3	Maximum Overall Length	mm	10406
	Maximum Overali Lengui	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 in	1682 66.2
		mm	815
7	Reach with Fork at Maximum Height	in	32.1
_		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
9	Ground to Top of Title at Maximum Height and Fork Level	in	158.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	7103
	Overdin Holgint of Fork at Fair Lift (top of barriage to ground)	in	279.7
11	Clearance at Full Lift and Max Dump	mm	2016
	<u>'</u>	in	79.4
12	Max Discharge Angle from Horizontal	deg	45
		mm	3131
13	Overall Carriage Width	in	123.3
		mm	3163
14	Overall Carriage Height	in	124.5
4.5	Outside Tine Width (max spread)	mm	2991
15	Outside Title Width (max spread)	in	117.8
16	Outside Tine Width (min spread)	mm	2991
	Outside Title Width (Hill Spread)	in	117.8
	Tine Width (single tine)	mm	200.0
		in	7.9
	Tine Thickness	mm	90.0
		in	3.5 25315
	Operating Weight	kg lbs	55794
		kg	12701
	Tine Capacity	lbs	27993
		100	_1000

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.

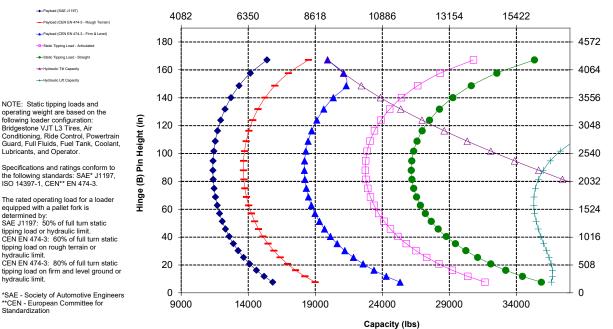
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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

tipping load on firm and level ground or hydraulic limit.

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



(Calculated Load at CG Point)

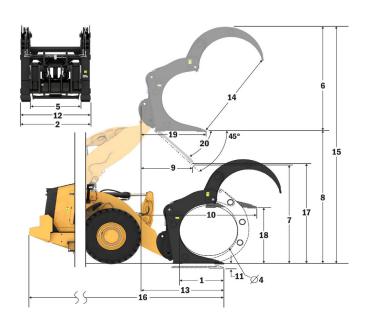
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

<sup>\*</sup>Negative values indicate below grade

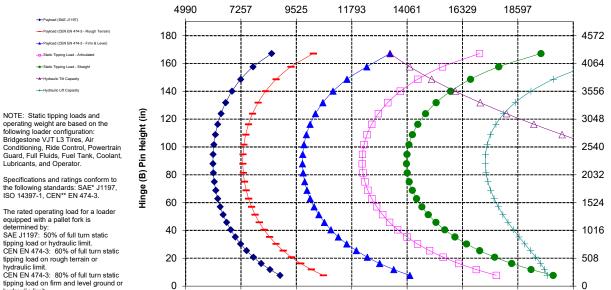
Fork	Speci	fications

	ik opecinications		
1	Tine length	mm in	1221 48.1
		mm	1943
2	Fork width	in	76.5
		m2	3.1
	End area	ft2	33
	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
	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	kg	14033
	Fork level	lbs	30937.5
	Max. height of fork	mm	3762
6	(w/clamp open if applicable)	in	148.1
_	Clearance w/full lift, 45 deg dump	mm	3086
7	(if max. dump <> 45)	in	121.5
_	, , ,	mm	3925
8	Clearance @ full lift fork level	in	154.5
9	Reach w/full lift, 45 deg dump	mm	1103
9	(if max. dump <> 45)	in	43.4
40	Reach w/lift arm horizontal and fork level	mm	2584
10	Reach while and nonzontal and lock level	in	101.7
11	*Cround to Bottom of Tool at Minimum Height and Tool Lavel	mm	-125
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-4.9
12	Width over tines	mm	1938
12	Width over tines	in	76.3
12	Reach @ ground level	mm	1934
13	Neadif (@ ground level	in	76
14	Max. opening across tine and clamp	mm	3465
14	Max. Opening across tine and clamp	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	mm	3088
	Discharge (if <> 45)	in	121.6
18	Clearance w/horizontal lift arms and	mm	1842.0
	fork level	in	72.5
19	Reach @ full lift and fork level	mm	1716.2
	-	in	67.6
20	Max. discharge angle from horizontal	deg	45
	<u> </u>	rad	0.8





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

11000

16000

21000

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.

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

26000 31000 36000 Capacity (lbs)
(Calculated Load at CG Point)

41000

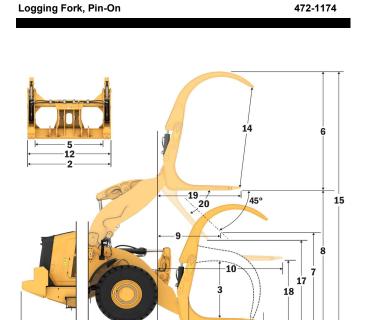
46000

<sup>\*</sup>Negative values indicate below grade

## **Fork Specifications**

**Fork Specifications** 

	•		
1	Tine length	mm	1611
		in	63.4
2	Fork width	mm	2500
		in	98.4
	End area	m2	1.42
	Indian Helpha	ft2	15
3	Inside Height	mm	1259
	(only applies to double top clamp)	in	50
4	Min. opening (only applies to millyard forks)	mm	N/A
	(Only applies to miliyard lorks)	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
		in	156.7
9	Reach w/full lift, 45 deg dump	mm	1410
	(if max. dump <> 45)	in	55.5
10	Reach w/lift arm horizontal and fork level	mm	2962
	Trought Will arm Horizontal and for to to	in	116.6
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-69
•••	Ground to Bottom of 1901 at William Holght and 1901 Eevel	in	-2.7
12	Width over tines	mm	2414
12	Width over times	in	95.0
13	Reach @ ground level	mm	2267
	I teach to ground level	in	89
11	Max. opening across tine and clamp	mm	2493
14	wax. opening across line and clamp	in	98.1
15	Overall height of fork @ full lift and	mm	6680
10	clamp open	in	263.0
16	Overall length	mm	9143
16	Tip of tine to rear of machine	in	360.0
	Clearance @ full lift and may dump		2061



63" Tine

L<sub>11</sub>

Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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

Clearance w/horizontal lift arms and

20 Max. discharge angle from horizontal

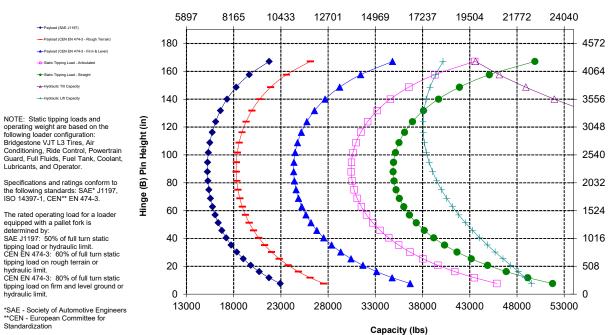
19 Reach @ full lift and fork level

fork level

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

(Calculated Load at CG Point)

966 LOG



in

mm 2094.8

deg 45

2861

1126

1897.5 mm

82.5

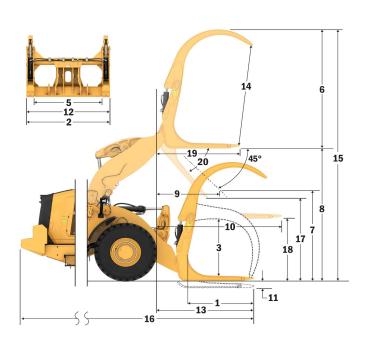
8.0

hydraulic limit.

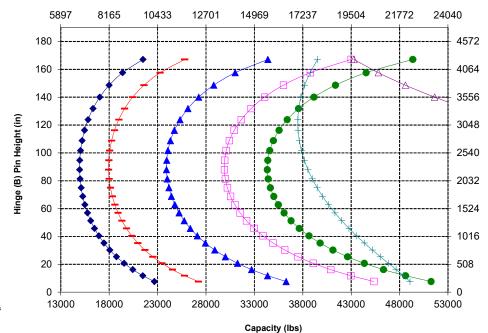
Fork Specifica	tions
----------------	-------

гυ	rk Specifications		
1	Tine length	mm	1611
		in	63.4 2500
2	Fork width	mm	
		in	98.4
	End area	m2 ft2	1.42
	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
		kg	25114
	Operating Weight	lbs	55367
		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
	Max, height of fork	mm	2700
6	(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
۰	Clearance @ ruii iiit 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
	Trought Will diff for Estimated for total	in	116.6
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-69
	Ordana to Bottom or Foor at Himminan Froight and Foor Earth	in	-2.7
12	Width over tines	mm	2414
		in	95.0
13	Reach @ ground level	mm	2267
		in	89
14	Max. opening across tine and clamp	mm	2493
	O	in	98.1
15	Overall height of fork @ full lift and	mm	6680
	clamp open	in	263.0
16	Overall length Tip of tine to rear of machine	mm	9143
	Clearance @ full lift and max. dump	in mm	360.0 2861
17	Discharge (if <> 45)	mm in	112.6
	Clearance w/horizontal lift arms and	mm	1897.5
18	fork level	in	74.7
		mm	2094.8
19	Reach @ full lift and fork level	in	82.5
	M. E. I. C. I. C. I.	deg	45
20	Max. discharge angle from horizontal	rad	0.8
	*** * 1 * 2 * 1 * 1		0.0





# Capacity (kg) (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: 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

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.

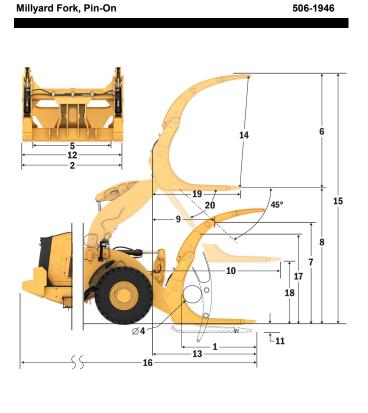
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

Capacity (lbs) (Calculated Load at CG Point)

<sup>\*</sup>Negative values indicate below grade

## **Fork Specifications**

Fo	rk Specifications		
1	Tine length	mm	1611
	Tille lengui	in	63.4
2	Fork width	mm	2508
	1 OIK WIGHT	in	98.8
	End area	m2	1.59
		ft2	17
3	Inside Height	mm	0
	(only applies to double top clamp)	in	0
4	Min. opening	mm	662
	(only applies to millyard forks)	in	26
	Operating Weight	kg	25144
	-1 0 0	lbs	55433
5	Distance inside of tine tips	mm	1907
		in	75
	Static tipping load, articulated	kg 	13212
	Fork level	lbs	29126.4
	Static tipping load, straight	kg 	15193
	Fork level	lbs	33495.2
6	Max. height of fork	mm	2805
	(w/clamp open if applicable)  Clearance w/full lift, 45 deq dump	in	110.4
7	(if max. dump <> 45)	mm	2857 112.5
	(II max. dump <> 45)	in mm	3981
8	Clearance @ full lift fork level	in	156.7
	Reach w/full lift, 45 deg dump	mm	1410
9	(if max. dump <> 45)	in	55.5
_	· ' '	mm	2962
10	Reach w/lift arm horizontal and fork level	in	116.6
_		mm	-69
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-2.7
	AAP 10	mm	2413
12	Width over tines	in	95.0
	<b>D</b> 10 11 1	mm	2267
13	Reach @ ground level	in	89
		mm	2727
14	Max. opening across tine and clamp	in	107.4
15	Overall height of fork @ full lift and	mm	6786
15	clamp open	in	267.2
16	Overall length	mm	9143
16	Tip of tine to rear of machine	in	360.0
17	Clearance @ full lift and max. dump	mm	2861
17	Discharge (if <> 45)	in	112.6
18	Clearance w/horizontal lift arms and	mm	1897.8
10	fork level	in	74.7



63" Tine

966 LOG

20 Max. discharge angle from horizontal

19 Reach @ full lift and fork level

#### 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) Hinge (B) 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. 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)

mm 2095.0

82.5

8.0

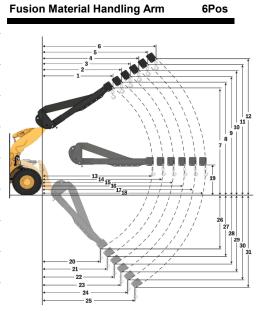
deg 45

<sup>\*</sup>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 Litt - Hook Reacti (1, 2, 3, 4, 5, 6)		5' 11"	6' 4"	6' 8"	7' 1"	7' 5"	7' 10"
Manual # 111-11-1-1-1-1-17 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 - 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
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 Brank (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"
Min Life 11-1/11-in-h/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)		-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Static Tipping Load, Straight	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 Tours I 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
O	kg	23,488	23,488	23,488	23,488	23,488	23,488
Operating Weight		51,767	51,767	51,767	51,767	51,767	51,767



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



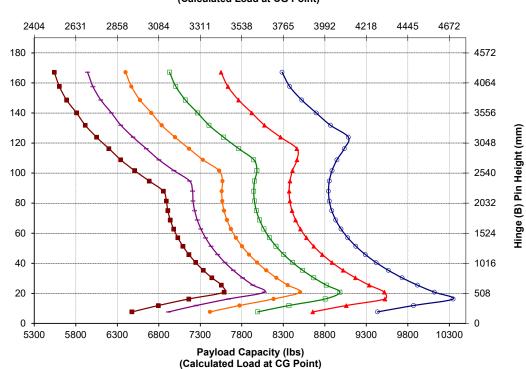
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Flutos, Fuel Tank, Coolant, Lubricants, and Operator.

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 limit.

\*SAE - Society of Automotive Engineers





# **966**Corrosion Resistant

The Cat® 966 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.
- Features an electric fuel priming pump, fuel-water separator, and secondary filtration system.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

#### Durability

- 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.

### **Superior Fuel Efficiency and Productivity**

- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, powertrain, and hydraulic systems deliver unmatched productivity and fuel efficiency.

## **Safety Features**

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

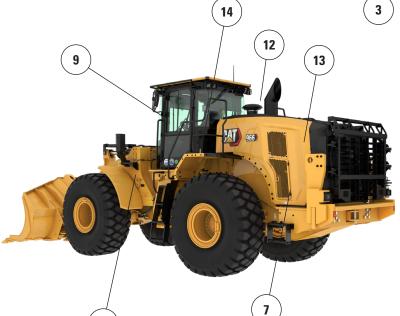
#### Work in Comfort in the All New Cab

- 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.
- HMU steering wheel offers low-effort and precise machine steering.
   The optional seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy.

#### **966 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
- 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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Chile and Colombia], Aus-NZ, SE
Asia, India, Indonesia)

