



Technical Specifications

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

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Engine – U.S. EPA Tier 4 Fin	al/EU Stage	V
Engine Model	Cat [®] C7.1	
Meets U.S. EPA Tier 4 Final, EU St.	age V, and Japa	n 2014 emission
standards.		
Engine Power @ 2,100 rpm	201 kW	269 hp
ISO 14396:2002		
ISO 14396:2002 (DIN)	273 hp (met	ric)
Gross Power @ 2,100 rpm	203 kW	273 hp
SAE J1995:2014		
SAE J1995:2014 (DIN)	277 hp (met	ric)
Net Power @ 2,100 rpm	187 kW	251 hp
ISO 9249:2007, SAE J1349:2011		
ISO 9249:2007, SAE J1349:2011 (D)	[N] 255 hp (met	ric)
Engine Torque (1,400 rpm)	1245 N·m	918 lbf-ft
ISO 14396:2002		
Gross Torque (1,400 rpm)	1256 N·m	926 lbf-ft
SAE J1995:2014		
Net Torque (1,400 rpm)	1176 N·m	867 lbf-ft
ISO 9249:2007, SAE J1349:2011		
Displacement	7.01 L	
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• Advertised power is tested per the specified standard in effect at the time of manufacture.

• The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and aftertreatment.

• Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:

• 20% biodiesel FAME (fatty acid methyl ester)*

• 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

* Engines with no aftertreatment devices can use higher blends, up to 30% biodiesel, where mandated.

Operating Specifications

Static Tipping Load – Full 40° Turn

With Tire Deflection	11 734 kg	25,869 lb
No Tire Deflection	12 487 kg	27,529 lb
Breakout Force	189 kN	42,489 lbf

· For a machine configuration as defined under "Weight."

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

Buckets

Bucket Capacities

Operating Weight

Weight

20 171 kg 44,469 lb

3.3-13.0 yd3

2.5-9.9 m³

• Weight based on a machine configuration with parallel lift Z-bar linkage, Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link[™], front manual differential/open rear axles, powertrain guard, secondary steering, sound suppression, and a 3.3 m³ (4.3 yd³) general purpose bucket with bolt-on cutting edges (BOCE).

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

Engine Model	Cat C7.1	
Meets Brazil MAR-1 and UN ECE I	R96 Stage IIIA	emission
standards, equivalent to U.S. EPA Ti	ier 3 and EU Sta	age IIIA.
Engine Power @ 2,100 rpm	201 kW	269 hp
ISO 14396:2002		
ISO 14396:2002 (DIN)	273 hp (met	ric)
Gross Power @ 2,100 rpm	206 kW	276 hp
SAE J1995:2014		
SAE J1995:2014 (DIN)	280 hp (met	ric)
Net Power @ 2,100 rpm	187 kW	251 hp
ISO 9249:2007, SAE J1349:2011		
ISO 9249:2007, SAE J1349:2011 (DI	N) 255 hp (met	ric)
Engine Torque (1,400 rpm)	1245 N·m	918 lbf-ft
ISO 14396:2002		
Gross Torque (1,400 rpm)	1266 N·m	933 lbf-ft
SAE J1995:2014		
Net Torque (1,400 rpm)	1176 N·m	867 lbf-ft
ISO 9249:2007, SAE J1349:2011		
Displacement	7.01 L	

• Advertised power is tested per the specified standard in effect at the time of manufacture.

• The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and muffler.

• Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels up to:

- 100% biodiesel FAME (fatty acid methyl ester)*
- 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

* For use of blends higher than 20% biodiesel, consult your Cat dealer.

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

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

962 Wheel Loader Specifications

Air Conditioning System

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

Hydraulic System

Variable Disp Piston, Load	
322 L/min	85 gal/min
29 300 kPa	4,250 psi
240 L/min	63 gal/min
20 684 kPa	3,000 psi
240 L/min	63 gal/min
20 684 kPa	3,000 psi
oad:	
5.2 sec	
1.5 sec	
2.7 sec	
9.4 sec	
	Piston, Load 322 L/min 29 300 kPa 240 L/min 20 684 kPa 240 L/min 20 684 kPa 5.2 sec 1.5 sec 2.7 sec

Sound

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

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

Service Refill Capacities

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

Brakes

Brakes

Brakes meet ISO 3450:2011 standards

Axles

Front	Fixed
Rear	Oscillating ±13 degrees

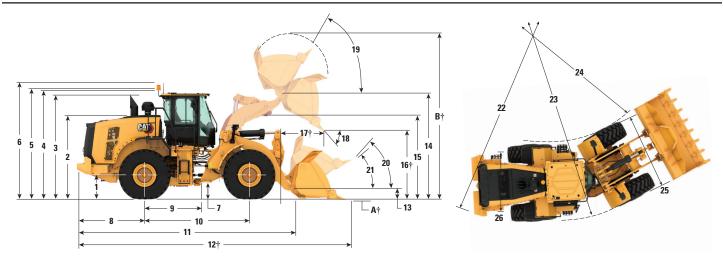
Cab

Rollover ProtectiveROPS/FOPS meet ISO 3471:2008 andStructure/FallingISO 3449:2005 Level II standardsObjects ProtectiveStructure(ROPS/FOPS)

962 Wheel Loader Specifications

Dimensions

All dimensions are approximate.



		Standa	rd Lift	High	Lift
1	Height to Axle Centerline	731 mm	2'4"	731 mm	2'4"
2	Height to Top of Hood	2692 mm	8'9"	2692 mm	8'9"
3	Height to Top of Exhaust Pipe	3405 mm	11'2"	3405 mm	11'2"
4	Height to Top of ROPS	3453 mm	11'3"	3453 mm	11'3"
5	Height to Top of Product Link Antenna	3460 mm	11'4"	3460 mm	11'4"
6	Height to Top of Warning Beacon	3733 mm	12'2"	3732 mm	12'2"
7	Ground Clearance	351 mm	1'1"	351 mm	1'1"
8	Centerline of Rear Axle to Edge of Counterweight	2182 mm	7'1"	2244 mm	7'4"
9	Centerline of Rear Axle to Hitch	1675 mm	5'5"	1675 mm	5'5"
10	Wheelbase	3350 mm	10'11"	3350 mm	10'11"
11	Overall Length (without bucket)	7263 mm	23'10"	7657 mm	25'2"
12	Shipping Length (with bucket level on ground)*†	8619 mm	28'4"	9013 mm	29'7"
13	Hinge Pin Height at Carry Height	674 mm	2'2"	776 mm	2'6"
14	Hinge Pin Height at Maximum Lift	4223 mm	13'10"	4511 mm	14'9"
15	Lift Arm Clearance at Maximum Lift	3459 mm	11'4"	3612 mm	11'10"
16	Dump Clearance at Maximum Lift and 45° Discharge*†	3040 mm	9'11"	3328 mm	10'11"
17	Reach at Maximum Lift and 45° Discharge*†	1398 mm	4'7"	1500 mm	4'11"
18	Dump Angle at Maximum Lift and Dump (on stops)*	49 deg	rees	47 deg	rees
19	Rack Back at Maximum Lift*	55 deg	rees	56 deg	rees
20	Rack Back at Carry Height*	51 deg	rees	48 deg	rees
21	Rack Back at Ground*	39 deg	rees	43 deg	rees
22	Clearance Circle (dia) to Counterweight	12 045 mm	39'7"	12 050 mm	39'7"
23	Clearance Circle (dia) to Outside of Tires	12 029 mm	39'6"	12 029 mm	39'6"
24	Clearance Circle (dia) to Inside of Tires	6379 mm	25"0"	6379 mm	25'0"
25	Width over Tires (unloaded)	2804 mm	9'3"	2804 mm	9'3"
	Width over Tires (loaded)	2825 mm	9'4"	2825 mm	9'4"
26	Tread Width	2140 mm	7'0''	2140 mm	7'0"

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

•All dimensions are approximate and based on machine equipped with 3.3 m³ (4.3 yd³) general purpose pin-on bucket with BOCE (see Operating Specifications for other buckets).

†Dimensions are listed in Operating Specifications charts.

Tire Options

Tire Brand	Bridgestone	Michelin	Michelin	Michelin	Michelin
Tire Size	23.5R25	23.5R25	23.5R25	750/65R25	23.5R25
Tread Type	L–3	L–3	L–5	L–3	L–2
Tread Pattern	VJT	XHA2	XLD D2	XLD	XTLA
Width over Tires – Maximum (empty)*	2804 mm 9'3"	2823 mm 9'4"	2827 mm 9'4"	2942 mm 9'8"	2819 mm 9'3"
Width over Tires – Maximum (loaded)*	2825 mm 9'4"	2830 mm 9'4"	2837 mm 9'4"	2961 mm 9'9"	2821 mm 9'4"
Change in Vertical Dimensions		10 mm	40 mm	15 mm	12 mm
(average of front and rear)		0.4"	1.6"	0.6"	0.5"
Change in Horizontal Reach		-6 mm -0.2"	-31 mm -1.2"	5 mm 0.2"	-7 mm -0.3"
Change in Clearance Circle to Outside of Tires		4 mm 0.2"	11 mm 0.4"	135 mm 5.3"	-4 mm -0.2"
Change in Clearance Circle to Inside of Tires		-4 mm -0.2"	-11 mm -0.4"	-135 mm -5.3"	4 mm 0.2"
Change in Operating Weight (without ballast)		-156 kg -344 lb	500 kg 1,103 lb	633 kg 1,395 lb	-192 kg -423 lb
Change in Static Tipping Load – Straight		-99 kg -218 lb	318 kg 700 lb	402 kg 886 lb	-122 kg -269 lb
Change in Static Tipping Load – Articulated		-87 kg -191 lb	278 kg 612 lb	351 kg 774 lb	-107 kg -235 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±8 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	481 mm 1'7"	481 mm 1'7"	298 mm 1'0"	298 mm 1'0"	481 mm 1'7"
*Width over tire bulge and includes tire growth.					
Tire Brand	Michelin	Bridgestone	Bridgestone	Bridgestone	Bridgestone
Tire Size	23.5R25	23.5R25	23.5R25	23.5R25	23.5-25
Tread Type	L–2	L–2	L–2	L–5	L–3
Tread Pattern	XSNO	VUT	VSW	VSDL	VL2
Width over Tires – Maximum (empty)*	2839 mm 9'4"	2832 mm	2810 mm	2791 mm	2773 mm
	24	9'4"	9'3"	9'2"	9'2"
Width over Tires – Maximum (loaded)*	2843 mm 9'4"	9'4" 2822 mm 9'4"	9'3" 2824 mm 9'4"	9'2" 2806 mm 9'3"	9'2" 2792 mm 9'2"
· · ·	2843 mm 9'4" 9 mm	2822 mm 9'4" 0 mm	2824 mm 9'4" 11 mm	2806 mm 9'3" 66 mm	2792 mm 9'2" 20 mm
Change in Vertical Dimensions	2843 mm 9'4"	2822 mm 9'4"	2824 mm 9'4"	2806 mm 9'3"	2792 mm 9'2"
Change in Vertical Dimensions (average of front and rear)	2843 mm 9'4" 9 mm	2822 mm 9'4" 0 mm	2824 mm 9'4" 11 mm	2806 mm 9'3" 66 mm	2792 mm 9'2" 20 mm
Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach	2843 mm 9'4" 9 mm 0.3" -5 mm	2822 mm 9'4" 0 mm 0" 0 mm	2824 mm 9'4" 11 mm 0.4" 2 mm	2806 mm 9'3" 66 mm 2.6" -36 mm	2792 mm 9'2" 20 mm 0.8" -4 mm
Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires	2843 mm 9'4" 9 mm 0.3" -5 mm -0.2" 18 mm	2822 mm 9'4" 0 mm 0" 0 mm 0" -4 mm	2824 mm 9'4" 11 mm 0.4" 2 mm 0.1" -1 mm	2806 mm 9'3" 66 mm 2.6" -36 mm -1.4" -20 mm	2792 mm 9'2" 20 mm 0.8" -4 mm -0.1" -34 mm
Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires	2843 mm 9'4" 9 mm 0.3" -5 mm -0.2" 18 mm 0.7" -18 mm	2822 mm 9'4" 0 mm 0" 0 mm 0" -4 mm -0.1" 4 mm	2824 mm 9'4" 11 mm 0.4" 2 mm 0.1" -1 mm 0" 1 mm	2806 mm 9'3" 66 mm 2.6" -36 mm -1.4" -20 mm -0.8" 20 mm	2792 mm 9'2" 20 mm 0.8" -4 mm -0.1" -34 mm -1.3" 34 mm
Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without ballast)	2843 mm 9'4" 9 mm 0.3" -5 mm -0.2" 18 mm 0.7" -18 mm -0.7" -144 kg	2822 mm 9'4" 0 mm 0" 0 mm 0" -4 mm -0.1" 4 mm 0.1" -120 kg	2824 mm 9'4" 11 mm 0.4" 2 mm 0.1" -1 mm 0" 1 mm 0" -60 kg	2806 mm 9'3" 66 mm 2.6" -36 mm -1.4" -20 mm -0.8" 20 mm 0.8" 700 kg	2792 mm 9'2" 20 mm 0.8" -4 mm -0.1" -34 mm -1.3" 34 mm 1.3" -268 kg
Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without ballast) Change in Static Tipping Load – Straight	2843 mm 9'4" 9 mm 0.3" -5 mm -0.2" 18 mm 0.7" -18 mm -0.7" -144 kg -318 lb -91 kg	2822 mm 9'4" 0 mm 0" 0 mm 0" -4 mm -0.1" -4 mm 0.1" -120 kg -265 lb -76 kg	2824 mm 9'4" 11 mm 0.4" 2 mm 0.1" -1 mm 0" 1 mm 0" -60 kg -132 lb -38 kg	2806 mm 9'3" 66 mm 2.6" -36 mm -1.4" -20 mm -0.8" 20 mm 0.8" 700 kg 1,544 lb 445 kg	2792 mm 9'2" 20 mm 0.8" -4 mm -0.1" -34 mm -1.3" 34 mm 1.3" -268 kg -591 lb -170 kg
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without ballast) Change in Static Tipping Load – Straight Change in Static Tipping Load – Articulated Rear Axle Oscillation Angle	2843 mm 9'4" 9 mm 0.3" -5 mm -0.2" 18 mm 0.7" -18 mm -0.7" -18 mm -0.7" -144 kg -318 lb -91 kg -202 lb -80 kg	2822 mm 9'4" 0 mm 0" 0 mm 0" -4 mm -0.1" -4 mm 0.1" -120 kg -265 lb -76 kg -168 lb -67 kg	2824 mm 9'4" 11 mm 0.4" 2 mm 0.1" -1 mm 0" 1 mm 0" -60 kg -132 lb -38 kg -84 lb -33 kg	2806 mm 9'3" 66 mm 2.6" -36 mm -1.4" -20 mm -0.8" 20 mm 0.8" 700 kg 1,544 lb 445 kg 980 lb 389 kg	2792 mm 9'2" 20 mm 0.8" -4 mm -0.1" -34 mm -1.3" 34 mm 1.3" -268 kg -591 lb -170 kg -375 lb -149 kg

*Width over tire bulge and includes tire growth.

962 Wheel Loader Specifications

Tire Options

Tire Brand	Bridgestone	Firestone	Maxam	Maxam	Maxam
Tire Size	750/65R25	23.5-25	23.5R25	23.5R25	23.5R25
Tread Type	L–3	L–5	L–2	L–2	L–3
Tread Pattern	VTS	SDT LD	MS202	MS203	MS302
Width over Tires – Maximum (empty)*	2935 mm 9'8"	2779 mm 9'2"	2816 mm 9'3"	2817 mm 9'3"	2825 mm 9'4"
Width over Tires – Maximum (loaded)*	2953 mm 9'9"	2801 mm 9'3"	2830 mm 9'4"	2825 mm 9'4"	2829 mm 9'4"
Change in Vertical Dimensions	20 mm	63 mm	12 mm	-2 mm	14 mm
(average of front and rear)	0.8"	2.5"	0.5"	-0.1"	0.6"
Change in Horizontal Reach	-4 mm -0.2"	-44 mm -1.7"	-7 mm -0.3"	-2 mm -0.1"	-15 mm -0.6"
Change in Clearance Circle to Outside of Tires	128 mm 5"	-24 mm -1"	5 mm 0.2"	-1 mm 0"	4 mm 0.1"
Change in Clearance Circle to Inside of Tires	-128 mm -5"	24 mm 1"	-5 mm -0.2"	1 mm 0"	-4 mm -0.1"
Change in Operating Weight (without ballast)	737 kg 1,625 lb	500 kg 1,103 lb	-32 kg -71 lb	-188 kg -415 lb	0 kg 0 lb
Change in Static Tipping Load – Straight	468 kg 1,032 lb	318 kg 700 lb	-20 kg -45 lb	-119 kg -263 lb	0 kg 0 lb
Change in Static Tipping Load – Articulated	409 kg 902 lb	278 kg 612 lb	-18 kg -39 lb	-104 kg -230 lb	0 kg 0 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±13 degrees	±13 degrees	±13 degree
Maximum Single-Wheel Rise and Fall	298 mm 1'0"	298 mm 1'0"	481 mm 1'7"	481 mm 1'7"	481 mm 1'7"
*Width over tire bulge and includes tire growth.					
Tire Brand	Maxam	Triangle	Triangle	Brawler	Brawler
Tire Size	23.5R25	23.5-25	23.5R25	23.5X25	23.5X25
Tread Type	L–5	L–3	L–3		
Tread Pattern	MS503	TL612	TB516	Smooth	Traction
Width over Tires – Maximum (empty)*	2783 mm	2784 mm	2792 mm	2140 mm	2140 mm
(••••P•)	9'2"	9'2"	9'2"	7'1"	7'1"
	9'2" 2804 mm 9'3"	2812 mm 9'3"	2804 mm 9'3"	7'1" 2140 mm 7'1"	7'1" 2140 mm 7'1"
Width over Tires – Maximum (loaded)*	2804 mm 9'3" 59 mm	2812 mm 9'3" 2 mm	2804 mm 9'3" 43 mm	2140 mm 7'1" 68 mm	2140 mm 7'1" 68 mm
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions	2804 mm 9'3"	2812 mm 9'3"	2804 mm 9'3"	2140 mm 7'1"	2140 mm 7'1"
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear)	2804 mm 9'3" 59 mm	2812 mm 9'3" 2 mm	2804 mm 9'3" 43 mm	2140 mm 7'1" 68 mm	2140 mm 7'1" 68 mm
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach	2804 mm 9'3" 59 mm 2.3" -33 mm	2812 mm 9'3" 2 mm 0.1" -8 mm	2804 mm 9'3" 43 mm 1.7" -13 mm	2140 mm 7'1" 68 mm 2.7" -15 mm	2140 mm 7'1" 68 mm 2.7" -15 mm
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires	2804 mm 9'3" 59 mm 2.3" -33 mm -1.3" -22 mm	2812 mm 9'3" 2 mm 0.1" -8 mm -0.3" -13 mm	2804 mm 9'3" 43 mm 1.7" -13 mm -0.5" -21 mm	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires	2804 mm 9'3" 59 mm 2.3" -33 mm -1.3" -22 mm -0.9" 22 mm	2812 mm 9'3" 2 mm 0.1" -8 mm -0.3" -13 mm -0.5" 13 mm	2804 mm 9'3" 43 mm 1.7" -13 mm -0.5" -21 mm -0.8" 21 mm	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without ballast)	2804 mm 9'3" 59 mm 2.3" -33 mm -1.3" -22 mm -0.9" 22 mm 0.9" 472 kg	2812 mm 9'3" 2 mm 0.1" -8 mm -0.3" -13 mm -0.5" 13 mm 0.5" -548 kg	2804 mm 9'3" 43 mm 1.7" -13 mm -0.5" -21 mm -0.8" 21 mm 0.8" -452 kg	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without ballast) Change in Static Tipping Load – Straight	2804 mm 9'3" 59 mm 2.3" -33 mm -1.3" -22 mm -0.9" 22 mm 0.9" 472 kg 1,041 lb 300 kg	2812 mm 9'3" 2 mm 0.1" -8 mm -0.3" -13 mm -0.5" 13 mm 0.5" -548 kg -1,208 lb -366 kg	2804 mm 9'3" 43 mm 1.7" -13 mm -0.5" -21 mm -0.8" 21 mm 0.8" -452 kg -997 lb -302 kg	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm
Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without ballast) Change in Static Tipping Load – Straight Change in Static Tipping Load – Articulated Rear Axle Oscillation Angle	2804 mm 9'3" 59 mm 2.3" -33 mm -1.3" -22 mm -0.9" 22 mm 0.9" 22 mm 0.9" 472 kg 1,041 lb 300 kg 661 lb 262 kg	2812 mm 9'3" 2 mm 0.1" -8 mm -0.3" -13 mm -0.5" 13 mm 0.5" -548 kg -1,208 lb -366 kg -806 lb -319 kg	2804 mm 9'3" 43 mm 1.7" -13 mm -0.5" -21 mm -0.8" 21 mm 0.8" -452 kg -997 lb -302 kg -665 lb -263 kg	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm	2140 mm 7'1" 68 mm 2.7" -15 mm -0.6" -685 mm -27.0" 685 mm

*Width over tire bulge and includes tire growth.

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

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

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

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

Μ	ateria	al Density	kg/m³	800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300
			3.3 m ³ (4.25 yd ³)	3.8 m ³ (5.00 yd ³) 3.3 m ³ (4.25 yd ³)
			3.4 m³ (4.50 yd³)	3.9 m ³ (5.00 yd ³)
		General Purpose	3.6 m³ (4.75 yd³)	4.1 m ³ (5.50 yd ³) 3.6 m ³ (4.75 yd ³)
0	Pin-On	& Flat Floor	3.8 m ³ (5.00 yd ³)	4.4 m ³ (5.75 yd ³) 3.8 m ³ (5.00 yd ³)
Standard Linkage	Pir		4.6 m ³ (6.00 yd ³)	5.2 m ³ (6.75 yd ³) 4.6 m ³ (6.00 yd ³)
Standar			4.6 m ³ (6.00 yd ³)	5.3 m ³ (6.75 yd ³) 4.6 m ³ (6.00 yd ³)
		Rock	3.3 m³ (4.25 yd³)	3.8 m ³ (5.00 yd ³)
			3.4 m ³ (4.50 yd ³)	3.9 m ³ (5.00 yd ³) 3.2 m ³ (4.25 yd ³)
	Hook-On	General Purpose	3.6 m³ (4.75 yd³)	4.1 m ³ (5.50 yd ³) 3.6 m ³ (4.75 yd ³)
	Ho	& Flat Floor	3.8 m³ (5.00 yd³)	4.4 m ³ (5.75 yd ³)
M	ateria	al Density	lb/yd³	1,348 1,517 1,685 1,854 2,022 2,191 2,359 2,528 2,696 2,865 3,033 3,202 3,370 3,539 3,707 3,876
	115		Fill Factor 05% 100% 95%	
	113			
	_			

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

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

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

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

Μ	ateria	al Density	kg/m³	800) 900	1000	1100	120	0 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
			3.3 m ³ (4.25 yd ³)							3.8 m ³	3 (5.00 yd ³	3)			 3.3 m³ (4 	.25 yd³)			
			3.4 m³ (4.50 yd³)						3	.9 m³ (5. 	00 yd³)		Ļ	3.4 m	 ³ (4.50 y 	d³)			
	Pin-On	General Purpose	3.6 m³ (4.75 yd³)						4.1 m ³ (5.	50 yd³)			3.6 m ³	 (4.75 yd	3)				
High Lift Linkage	Pin	& Flat Floor	3.8 m³ (5.00 yd³)					4.4 m ⁻	3 (5.75 yd³) 			3.8 m ³	 3 (5.00 yo 	J3)					
High Lift			4.6 m ³ (6.00 yd ³)		5.2 	m³ (6.75 y	/d³)		4.6 m	 ³ (6.00 y 	′d³)								
			4.6 m ³ (6.00 yd ³)		5.3 r	n ³ (6.75 yd	3)		4.6 m ³	(6.00 yd	3)								
	Hook-On	General Purpose	3.6 m³ (4.75 yd³)					4.1 ı	 n³ (5.50 yc 	1 ³)		3.6 r	n ³ (4.75 ⁻	 yd³) 					
	Hoo	& Flat Floor	3.8 m³ (5.00 yd³)				4.4 r	n³ (5.75	i yd³)		3.8	 m³ (5.00 	yd³)						
Μ	ateria	al Density	lb/yd³	1,34	8 1,51	7 1,685	1,854	2,02	2 2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876
	115		Fill Factor 05% 100% 95%																

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

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

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

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

N	lateria	al Density	kg/m ³	800	900	1000	1100	1200 1	300 14	00 1500	1600	1700	1800	1900	2000	2100	2200	2300
			3.3 m ³ (4.25 yd ³)								3.8 ו	n³ (5.00 y	d ³)			3.3 m	³ (4.25 yo	J ³)
			3.4 m³ (4.50 yd³)							:	 3.9 m³ (5.0)0 yd³)			3.4	4 m³ (4.5	 i0 yd³) 	
			3.6 m³ (4.75 yd³)							 4.1 m³ (!	5.50 yd³)			3.6 m	 ³ (4.75 ⁻ 	yd³)		
kage	Pin-On	General Purpose	3.8 m ³ (5.00 yd ³)						 4.4 m ²	 ³ (5.75 yd ³) 			3.8 m ³	 (5.00 yd	3)			
indler Lin	Pin	& Flat Floor	4.0 m ³ (5.25 yd ³)					 4.6 n	 1 ³ (6.00 yc 	d3)		4.0 m ³	 (5.25 yd ³ 	3)				
Aggregate Handler Linkage			4.2 m ³ (5.50 yd ³)					 4.8 m³ (6.25 	yd³)		4.2 n	 1³ (5.50 yc 	ł ³)					
Aggı			4.6 m ³ (6.00 yd ³)			5.	 .2 m³ (6.7	/ 75 yd³)		4.6 m ³	 6.00 yd ³) 							
			4.6 m ³ (6.00 yd ³)			5.3	 m³ (6.75	ō yd³)		4.6 m ³ (6	.00 yd³)							
	Hook-On	General Purpose	3.6 m³ (4.75 yd³)						4.1	 m³ (5.50 yc 	ł ³)		 3.6 m³ (4.75 yd³) 				
	Hoo	& Flat Floor	3.8 m³ (5.00 yd³)					4.	 4 m³ (5.7! 	5 yd³)		3.8 n	∣ 1³ (5.00 y ∣	'd³)				
N	lateria	al Density	lb/yd³	1,348	1,517	1,685	1,854	2,022 2,	191 2,3	359 2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876
	115		Fill Factor 05% 100% 95%															

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

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

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

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

Μ	ateria	al Density	kg/m³	100	200	300	400	5	00	600	700	800	900	1000	1100	1200
	Pin-On		9.2 m³ (12.00 yd³)				 10.6 m³ 	(13.75 ye	 d³)	9.2 m ³ (12.00 yd³) 					
Standard Linkage	Pin	Woodchip	9.9 m³ (13.00 yd³)				11.4 m ³ (15.	.00 yd³)	9.	9 m ³ (13.00	yd³)					
Standard	Hook-On	woodemp	9.2 m³ (12.00 yd³)			 10 	.6 m³ (13.75 	yd³)	9.2	m³ (12.00 yo	d ³)					
	Hoo		9.9 m³ (13.00 yd³)			11.4 n	n³ (15.00 yd ³	3)	9.9 m³ (1	3.00 yd ³)						
	Pin-On		9.2 m³ (12.00 yd³)				10.6 m³ (13	3.75 yd³)		9.2 m ³ (12.0	00 yd³)					
High Lift Linkage		Woodchip	9.9 m³ (13.00 yd³)			 11 	4 m³ (15.00 y	yd³)	9.9 m	 ³ (13.00 yd ³ 	3)					
High Lift	Hook-On	woodomp	10.6	m³ (13.75 y	d³)	9.2 m ³	 (12.00 yd³) 									
	Hoo		9.9 m³ (13.00 yd³)			11.4 m ³	(15.00 yd³)	9).9 m³ (13. 	00 yd³)						
a	Pin-On		9.2 m³ (12.00 yd³)				 10 	.6 m³ (13	 .75 yd³) 	9	 .2 m³ (12.0	 10 yd³) 				
Aggregate Linkage		Woodchip	9.9 m³ (13.00 yd³)				11.4 m ²	³ (15.00 y	/d³)	9.9 m ³	 (13.00 yd ³)				
Aggregat	Hook-On		9.2 m³ (12.00 yd³)				10.6 m³ (1	13.75 yd³)		 9.2 m³ (12 	2.00 yd³)					
	Hoo		9.9 m³ (13.00 yd³)			1	 1.4 m³ (15.0 	00 yd³)	9.9	9 m³ (13.00	yd³)					
Μ	ateria	al Density	lb/yd³	169	337	506	674	8	43 1	,011 1	l,180	1,348	1,517	1,685	1,854	2,022
	115		Fill Factor 05% 100% 95%													

Operating Specifications – Buckets

Linkage					Sta	andard Linka	age			
Bucket Type					Genera	al Purpose –	Pin-On			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	3.30	3.30	3.10	3.40	3.40	3.20	3.60	3.60	3.40
	yd ³	4.25	4.25	4.00	4.50	4.50	4.25	4.75	4.75	4.50
Capacity – Rated at 110% Fill Factor	m ³	3.60	3.60	3.40	3.70	3.70	3.50	4.00	4.00	3.70
	yd ³	4.75	4.75	4.50	4.75	4.75	4.50	5.25	5.25	4.75
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	3039	2921	2921	3021	2902	2902	2995	2875	2875
and 45° Discharge	ft/in	9'11"	9'7"	9'7"	9'10"	9'6"	9'6"	9'9"	9'5"	9'5"
17† Reach at Maximum Lift and	mm	1398	1508	1508	1412	1522	1522	1434	1543	1543
45° Discharge	ft/in	4'7"	4'11"	4'11"	4'7"	4'11"	4'11"	4'8"	5'0"	5'0"
Reach at Level Lift Arm and	mm	2841	3002	3002	2865	3026	3026	2900	3061	3061
Bucket Level	ft/in	9'3"	9'10"	9'10"	9'4"	9'11"	9'11"	9'6"	10'0"	10'0"
A† Digging Depth	mm	103	103	73	103	103	73	103	103	73
	in	4"	4"	2.9"	4"	4"	2.9"	4"	4"	2.9"
12† Overall Length	mm	8619	8792	8792	8643	8816	8816	8678	8851	8851
	ft/in	28'4"	28'11"	28'11"	28'5"	29'0"	29'0"	28'6"	29'1"	29'1"
B † Overall Height with Bucket at	mm	5773	5773	5773	5798	5798	5798	5832	5832	5832
Maximum Lift	ft/in	19'0"	19'0"	19'0"	19'1"	19'1"	19'1"	19'2"	19'2"	19'2"
Loader Clearance Circle Radius	mm	6800	6886	6886	6807	6894	6894	6818	6905	6905
with Bucket at Carry Position	ft/in	22'4"	22'8"	22'8"	22'4"	22'8"	22'8"	22'5"	22'8"	22'8"
Static Tipping Load, Straight	kg	13 690	13 550	13 841	13 644	13 503	13 792	13 569	13 427	13 713
(With tire deflection)	lb	30,182	29,872	30,516	30,080	29,770	30,406	29,915	29,603	30,232
Static Tipping Load, Straight	kg	14 430	14 288	14 588	14 385	14 243	14 539	14 311	14 169	14 461
(No tire deflection)	lb	31,814	31,501	32,161	31,714	31,401	32,053	31,552	31,237	31,881
Static Tipping Load,	kg	11 734	11 594	11 866	11 690	11 549	11 819	11 619	11 478	11 744
Articulated (With tire deflection)	lb	25,870	25,560	26,161	25,773	25,462	26,057	25,617	25,305	25,892
Static Tipping Load, Articulated	kg	12 487	12 345	12 624	12 444	12 302	12 578	12 374	12 232	12 504
(No tire deflection)	lb	27,529	27,217	27,832	27,435	27,121	27,729	27,282	26,967	27,567
Breakout Force(§)	kN	189	188	205	185	184	200	180	179	195
	lbf	42,503	42,264	46,073	41,695	41,456	45,135	40,566	40,327	43,827
Operating Weight*	kg	20 171	20 279	20 122	20 195	20 303	20 146	20 232	20 340	20 183
	lb	44,470	44,708	44,362	44,522	44,761	44,414	44,603	44,841	44,495

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage			Standard Linkage	
Bucket Type			General Purpose – Pin-On	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	3.80	3.80	3.60
	yd ³	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	 m ³	4.20	4.20	4.00
	yd ³	5.50	5.50	5.25
Width	mm	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	2960	2840	2840
and 45° Discharge	ft/in	9'8"	9'3"	9'3"
17† Reach at Maximum Lift and	mm	1463	1572	1572
45° Discharge	ft/in	4'9"	5'1"	5'1"
Reach at Level Lift Arm and	mm	2946	3107	3107
Bucket Level	ft/in	9'7"	10'2"	10'2"
A† Digging Depth	mm	103	103	73
	in	4"	4"	2.9"
12† Overall Length	mm	8724	8897	8897
	ft/in	28'8"	29'3"	29'3"
B [†] Overall Height with Bucket at	mm	5879	5879	5879
Maximum Lift	ft/in	19'4"	19'4"	19'4"
Loader Clearance Circle Radius	mm	6832	6919	6919
with Bucket at Carry Position	ft/in	22'5"	22'9"	22'9"
Static Tipping Load, Straight	kg	13 463	13 321	13 602
(With tire deflection)	lb	29,682	29,368	29,988
Static Tipping Load, Straight	kg	14 208	14 064	14 351
(No tire deflection)	lb	31,323	31,006	31,640
Static Tipping Load,	kg	11 519	11 377	11 639
Articulated (With tire deflection)	lb	25,396	25,082	25,660
Static Tipping Load, Articulated	kg	12 276	12 132	12 400
(No tire deflection)	lb	27,065	26,748	27,339
Breakout Force(§)	kN	174	173	187
	lbf	39,159	38,920	42,206
Operating Weight*	kg	20 286	20 394	20 237
	lb	44,723	44,961	44,615

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage				Standa	rd Linkage		
Bucket Type			Gen	eral Purpose -	- Hook-On — Fusio	n™	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.60
	yd ³	4.75	4.75	4.50	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00	3.70	4.20	4.20	4.00
	yd ³	5.25	5.25	4.75	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9''	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	2955	2835	2835	2920	2800	2800
and 45° Discharge	ft/in	9'8"	9'3"	9'3"	9'6"	9'2"	9'2"
7 [†] Reach at Maximum Lift and	mm	1479	1588	1588	1508	1617	1617
45° Discharge	ft/in	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"
Reach at Level Lift Arm and	mm	2960	3121	3121	3006	3167	3167
Bucket Level	ft/in	9'8"	10'2"	10'2"	9'10"	10'4"	10'4"
A ⁺ Digging Depth	mm	103	103	73	103	103	73
	in	4"	4"	2.9"	4"	4"	2.9"
12† Overall Length	mm	8738	8911	8911	8784	8957	8957
	ft/in	28'9"	29'3"	29'3"	28'10"	29'5"	29'5"
B [†] Overall Height with Bucket at	mm	5866	5866	5866	5913	5913	5913
Maximum Lift	ft/in	19'3"	19'3"	19'3"	19'5"	19'5"	19'5"
Loader Clearance Circle Radius	mm	6833	6921	6921	6848	6936	6936
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'9"	22'6"	22'10"	22'10"
Static Tipping Load, Straight	kg	13 004	12 863	13 196	12 912	12 770	13 102
(With tire deflection)	lb	28,670	28,359	29,092	28,467	28,155	28,885
Static Tipping Load, Straight	kg	13 736	13 594	13 938	13 646	13 503	13 846
(No tire deflection)	lb	30,284	29,970	30,729	30,084	29,769	30,526
Static Tipping Load,	kg	11 083	10 942	11 256	10 996	10 855	11 168
Articulated (With tire deflection)	lb	24,435	24,124	24,816	24,244	23,931	24,621
Static Tipping Load, Articulated	kg	11 828	11 686	12 011	11 743	11 600	11 924
(No tire deflection)	lb	26,078	25,764	26,481	25,890	25,574	26,290
Breakout Force(§)	kN	172	171	185	166	165	179
	lbf	38,782	38,543	41,770	37,489	37,251	40,290
Operating Weight*	kg	20 676	20 784	20 627	20 721	20 829	20 672
	lb	45,581	45,820	45,473	45,681	45,919	45,573

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage										
Bucket Type		-	-	Ma	terial Han	dling – Pin-	On – Flat F	loor				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips		
Capacity – Rated	m ³	3.40	3.40	3.20	3.60	3.60	3.40	3.80	3.80	3.60		
	yd ³	4.50	4.50	4.25	4.75	4.75	4.50	5.00	5.00	4.75		
Capacity – Rated at 110% Fill Factor	m ³	3.70	3.70	3.50	4.00	4.00	3.70	4.20	4.20	4.00		
	yd ³	4.75	4.75	4.50	5.25	5.25	4.75	5.50	5.50	5.25		
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994		
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"		
16 [†] Dump Clearance at Maximum Lift	mm	2963	2837	2837	2931	2806	2806	2895	2770	2770		
and 45° Discharge	ft/in	9'8"	9'3"	9'3"	9'7"	9'2"	9'2"	9'5"	9'1"	9'1"		
17† Reach at Maximum Lift and	mm	1346	1448	1448	1378	1480	1480	1414	1516	1516		
45° Discharge	ft/in	4'5"	4'9"	4'9"	4'6"	4'10"	4'10"	4'7"	4'11"	4'11"		
Reach at Level Lift Arm and	mm	2875	3036	3036	2920	3081	3081	2971	3132	3132		
Bucket Level	ft/in	9'5"	9'11"	9'11"	9'6"	10'1"	10'1"	9'8"	10'3"	10'3"		
A† Digging Depth	mm	103	103	73	103	103	73	103	103	73		
	in	4"	4"	2.9"	4"	4"	2.9"	4"	4"	2.9"		
12† Overall Length	mm	8653	8826	8826	8698	8871	8871	8749	8922	8922		
	ft/in	28'5"	29'0"	29'0"	28'7"	29'2"	29'2"	28'9"	29'4"	29'4"		
B [†] Overall Height with Bucket at	mm	5768	5768	5768	5816	5816	5816	5864	5864	5864		
Maximum Lift	ft/in	19'0"	19'0"	19'0"	19'1"	19'1"	19'1"	19'3"	19'3"	19'3"		
Loader Clearance Circle Radius	mm	6810	6897	6897	6824	6911	6911	6840	6927	6927		
with Bucket at Carry Position	ft/in	22'5"	22'8"	22'8"	22'5"	22'9"	22'9"	22'6"	22'9"	22'9"		
Static Tipping Load, Straight	kg	13 490	13 351	13 632	13 397	13 256	13 534	13 288	13 147	13 420		
(With tire deflection)	lb	29,741	29,434	30,054	29,535	29,226	29,837	29,296	28,985	29,588		
Static Tipping Load, Straight	kg	14 213	14 072	14 360	14 121	13 980	14 263	14 014	13 872	14 151		
(No tire deflection)	lb	31,335	31,025	31,658	31,133	30,820	31,445	30,897	30,582	31,198		
Static Tipping Load,	kg	11 558	11 418	11 681	11 470	11 329	11 589	11 367	11 226	11 482		
Articulated (With tire deflection)	lb	25,481	25,173	25,754	25,287	24,977	25,550	25,061	24,749	25,313		
Static Tipping Load, Articulated	kg	12 294	12 153	12 422	12 207	12 066	12 330	12 107	11 964	12 225		
(No tire deflection)	lb	27,104	26,793	27,386	26,913	26,601	27,185	26,691	26,376	26,951		
Breakout Force (§)	kN	184	182	199	177	176	191	170	169	184		
	lbf	41,357	41,118	44,743	39,939	39,700	43,104	38,428	38,189	41,367		
Operating Weight*	kg	20 197	20 305	20 148	20 241	20 349	20 192	20 295	20 403	20 246		
	lb	44,527	44,765	44,419	44,623	44,861	44,515	44,742	44,980	44,634		

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage									
Bucket Type			erial Handling – Pin Tat Floor – BGE – FN			Flat Floor – Naterial					
Edge Type		Tips	Tips	Tips	Bolt-On Cutting Edges	Bolt-On Cutting Edges					
Capacity – Rated	m ³	3.40	3.60	3.80	4.60	4.60					
	yd ³	4.50	4.75	5.00	6.00	6.00					
Capacity – Rated at 110% Fill Factor	m ³	3.70	4.00	4.20	5.00	5.00					
	yd ³	4.75	5.25	5.50	6.50	6.50					
Width	mm	2994	2995	2995	3059	3338					
	ft/in	9'9"	9'9"	9'9"	10'0"	10'11"					
16 [†] Dump Clearance at Maximum Lift	mm	2855	2788	2757	2831	2836					
and 45° Discharge	ft/in	9'4"	9'1"	9'0"	9'3"	9'3"					
7 [†] Reach at Maximum Lift and	mm	1484	1552	1583	1471	1487					
45° Discharge	ft/in	4'10"	5'1"	5'2"	4'9"	4'10"					
Reach at Level Lift Arm and	mm	3049	3144	3188	3057	3065					
Bucket Level	ft/in	10'0"	10'3"	10'5"	10'0"	10'0"					
A† Digging Depth	mm	76	76	76	73	93					
	in	3"	3"	3"	2.9"	3.7"					
2† Overall Length	mm	8812	8907	8951	8839	8836					
	ft/in	28'11"	29'3"	29'5"	29'0"	29'0"					
B ⁺ Overall Height with Bucket at	mm	5834	5864	5907	6000	5715					
Maximum Lift	ft/in	19'2"	19'3"	19'5"	19'9"	18'9"					
Loader Clearance Circle Radius	mm	6886	6916	6930	6927	7048					
with Bucket at Carry Position	ft/in	22'8"	22'9"	22'9"	22'9"	23'2"					
Static Tipping Load, Straight	kg	13 387	13 166	13 056	12 971	13 072					
(With tire deflection)	lb	29,514	29,026	28,784	28,598	28,820					
Static Tipping Load, Straight	kg	14 115	13 892	13 783	13 705	13 779					
(No tire deflection)	lb	31,119	30,626	30,386	30,215	30,377					
Static Tipping Load,	kg	11 445	11 237	11 133	11 059	11 179					
Articulated (With tire deflection)	lb	25,232	24,774	24,544	24,381	24,646					
Static Tipping Load, Articulated	kg	12 186	11 976	11 873	11 806	11 900					
(No tire deflection)	lb	26,865	26,403	26,175	26,028	26,235					
Breakout Force (§)	kN	195	180	174	170	160					
	lbf	43,852	40,609	39,231	38,213	36,055					
Operating Weight*	kg	20 371	20 468	20 528	20 524	20 321					
	lb	44,910	45,124	45,256	45,248	44,800					

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage					Standar	d Linkage			
Bucket Type			Material Han	dling – Hoo	k-On — Fusi	on – Flat Floo	r	Hook-On	Handling – – Fusion – BGE – FMT
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Tips	Tips
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.70	3.40	3.80
	yd ³	4.75	4.75	4.50	5.00	5.00	4.75	4.50	5.00
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00	3.70	4.20	4.20	4.00	3.70	4.20
	yd ³	5.25	5.25	4.75	5.50	5.50	5.25	4.75	5.50
Width	mm	2927	2994	2994	2927	2994	2994	2995	2995
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'9"	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	2889	2763	2763	2836	2710	2710	2673	2598
and 45° Discharge	ft/in	9'5"	9'0"	9'0"	9'3"	8'10"	8'10"	8'9"	8'6"
17† Reach at Maximum Lift and	mm	1420	1522	1522	1473	1575	1575	1554	1628
45° Discharge	ft/in	4'7"	4'11"	4'11"	4'10"	5'2"	5'2"	5'1"	5'4"
Reach at Level Lift Arm and	mm	2980	3141	3141	3055	3216	3216	3227	3332
Bucket Level	ft/in	9'9''	10'3"	10'3"	10'0"	10'6"	10'6"	10'7"	10'11"
A† Digging Depth	mm	103	103	73	103	103	73	76	76
	in	4"	4"	2.9"	4"	4"	2.9"	3"	3"
12† Overall Length	mm	8758	8931	8931	8833	9006	9006	9046	9151
	ft/in	28'9"	29'4"	29'4"	29'0"	29'7"	29'7"	29'9"	30'1"
B [†] Overall Height with Bucket at	mm	5845	5845	5845	5910	5910	5910	5846	5962
Maximum Lift	ft/in	19'3"	19'3"	19'3"	19'5"	19'5"	19'5"	19'3"	19'7"
Loader Clearance Circle Radius	mm	6840	6928	6928	6864	6952	6952	6973	7007
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'9"	22'7"	22'10"	22'10"	22'11"	23'0"
Static Tipping Load, Straight	kg	12 841	12 701	13 024	12 514	12 375	12 696	12 593	12 367
(With tire deflection)	lb	28,311	28,002	28,714	27,589	27,282	27,990	27,762	27,266
Static Tipping Load, Straight	kg	13 556	13 414	13 748	13 212	13 071	13 404	13 304	13 081
(No tire deflection)	lb	29,886	29,574	30,310	29,128	28,818	29,551	29,330	28,838
Static Tipping Load,	kg	10 942	10 802	11 108	10 646	10 506	10 810	10 691	10 478
Articulated (With tire deflection)	lb	24,124	23,815	24,489	23,471	23,163	23,832	23,570	23,100
Static Tipping Load, Articulated	kg	11 670	11 529	11 845	11 359	11 218	11 532	11 416	11 205
(No tire deflection)	lb	25,729	25,418	26,114	25,042	24,732	25,424	25,169	24,703
Breakout Force (§)	kN	170	168	182	160	159	172	177	165
(3)	lbf	38,207	37,968	41,111	36,152	35,913	38,769	39,922	37,126
Operating Weight*	kg	20 684	20 792	20 635	20 790	20 898	20 741	20 941	21 064
- Fermine	lb	45,599	45,838	45,491	45,833	46,071	45,725	46,166	46,437
	10	тэ,эээ	-5,050	ч <i>э</i> ,чу1	: -5,055	-0,071	75,125	: +0,100	: -0,-57

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage										
Bucket Type		Mult	i-Purpose – Pin	-On	Multi-Purp	ose – 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	2.90	2.90	2.70	2.90	2.90	2.70					
	yd ³	3.75	3.75	3.50	3.75	3.75	3.50					
Capacity – Rated at 110% Fill Factor	m ³	3.20	3.20	3.00	3.20	3.20	3.00					
	yd ³	4.25	4.25	4.00	4.25	4.25	4.00					
Width	mm	2943	3020	3020	3007	3000	3000					
	ft/in	9'7"	9'10"	9'10"	9'10"	9'10"	9'10"					
6 [†] Dump Clearance at Maximum Lift	mm	3216	3090	3090	3178	3068	3068					
and 45° Discharge	ft/in	10'6"	10'1"	10'1"	10'5"	10'0"	10'0"					
7 ⁺ Reach at Maximum Lift and	mm	1381	1507	1507	1471	1590	1590					
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'9"	5'2"	5'2"					
Reach at Level Lift Arm and	mm	2688	2864	2864	2783	2944	2944					
Bucket Level	ft/in	8'9"	9'4"	9'4"	9'1"	9'7"	9'7"					
A† Digging Depth	mm	104	104	104	83	83	53					
	in	4.1"	4.1"	4.1"	3.3"	3.3"	2.1"					
2 ⁺ Overall Length	mm	8467	8662	8662	8547	8722	8722					
,	ft/in	27'10"	28'6"	28'6"	28'1"	28'8"	28'8"					
B ⁺ Overall Height with Bucket at	mm	5535	5535	5535	5607	5607	5607					
Maximum Lift	ft/in	18'2"	18'2"	18'2"	18'5"	18'5"	18'5"					
Loader Clearance Circle Radius	mm	6762	6860	6860	6806	6860	6860					
with Bucket at Carry Position	ft/in	22'3"	22'7"	22'7"	22'4"	22'7"	22'7"					
Static Tipping Load, Straight	kg	13 424	13 252	13 581	12 701	12 573	12 881					
(With tire deflection)	lb	29,594	29,216	29,942	28,001	27,719	28,399					
Static Tipping Load, Straight	kg	14 148	13 975	14 317	13 422	13 293	13 614					
(No tire deflection)	lb	31,192	30,810	31,565	29,590	29,306	30,014					
Static Tipping Load,	kg	11 476	11 304	11 613	10 786	10 658	10 947					
Articulated (With tire deflection)	lb	25,300	24,921	25,604	23,780	23,497	24,135					
Static Tipping Load, Articulated	kg	12 213	12 040	12 362	11 521	11 391	11 693					
(No tire deflection)	lb	26,927	26,544	27,254	25,399	25,114	25,779					
Breakout Force (§)	kN	213	212	213	196	194	213					
	lbf	48,021	47,712	48,027	44,047	43,816	47,903					
Operating Weight*	kg	20 446	20 581	20 428	21 001	21 101	20 959					
	lb	45,075	45,373	45,035	46,299	46,519	46,206					

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage									
Bucket Type			High Dump – Pin-On		High Dump – Pin-On – Abrasion						
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges						
Capacity – Rated	m ³	5.10	7.60	9.20	8.20						
	yd ³	6.75	10.00	12.00	10.75						
Capacity – Rated at 110% Fill Factor	m ³	5.60	8.40	10.10	9.00						
	yd ³	7.25	11.00	13.25	11.75						
Width	mm	3029	3350	3350	3205						
	ft/in	9'11"	10'11"	10'11"	10'6"						
16 [†] Dump Clearance at Maximum Lift	mm	2664	2467	2326	2465						
and 45° Discharge	ft/in	8'8"	8'1"	7'7"	8'1"						
17† Reach at Maximum Lift and	mm	1655	1842	1983	1844						
45° Discharge	ft/in	5'5"	6'0"	6'6"	6'0"						
Reach at Level Lift Arm and	mm	3305	3576	3776	3580						
Bucket Level	ft/in	10'10"	11'8"	12'4"	11'8"						
A [†] Digging Depth	mm	96	73	73	103						
	in	3.7"	2.9"	2.9"	4"						
12† Overall Length	mm	9078	9354	9554	9358						
	ft/in	29'10"	30'9"	31'5"	30'9"						
B [†] Overall Height with Bucket at	mm	6280	6262	6463	6691						
Maximum Lift	ft/in	20'8"	20'7"	21'3"	22'0"						
Loader Clearance Circle Radius	mm	6989	7221	7289	7159						
with Bucket at Carry Position	ft/in	23'0"	23'9"	23'11"	23'6"						
Static Tipping Load, Straight	kg	11 982	11 431	11 086	10 604						
(With tire deflection)	lb	26,416	25,201	24,441	23,379						
Static Tipping Load, Straight	kg	12 699	12 178	11 836	11 327						
(No tire deflection)	lb	27,997	26,848	26,095	24,973						
Static Tipping Load,	kg	10 142	9586	9262	8790						
Articulated (With tire deflection)	lb	22,359	21,133	20,419	19,378						
Static Tipping Load, Articulated	kg	10 873	10 347	10 026	9527						
(No tire deflection)	lb	23,971	22,811	22,104	21,005						
Breakout Force(§)	kN	134	119	106	110						
	lbf	30,232	26,770	23,909	24,768						
Operating Weight*	kg	20 949	21 510	21 683	22 103						
	lb	46,184	47,421	47,802	48,728						

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage							
Bucket Type			High Dump – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges					
Capacity – Rated	m ³	6.10	7.60	9.20					
	yd ³	8.00	10.00	12.00					
Capacity – Rated at 110% Fill Factor	m ³	6.70	8.40	10.10					
	yd ³	8.75	11.00	13.25					
Width	mm	3037	3350	3350					
	ft/in	9'11"	10'11"	10'11"					
6† Dump Clearance at Maximum Lift	mm	2493	2421	2280					
and 45° Discharge	ft/in	8'2"	7'11"	7'5"					
7† Reach at Maximum Lift and	mm	1816	1888	2029					
45° Discharge	ft/in	5'11"	6'2"	6'7"					
Reach at Level Lift Arm and	mm	3540	3641	3841					
Bucket Level	ft/in	11'7"	11'11"	12'7"					
A † Digging Depth	mm	103	73	73					
	in	4"	2.9"	2.9"					
2 ⁺ Overall Length	mm	9318	9419	9619					
	ft/in	30'7"	30'11"	31'7"					
3 [†] Overall Height with Bucket at	mm	6237	6303	6504					
Maximum Lift	ft/in	20'6"	20'9"	21'5"					
Loader Clearance Circle Radius	mm	7073	7243	7312					
with Bucket at Carry Position	ft/in	23'3"	23'10"	24'0"					
Static Tipping Load, Straight	kg	10 680	10 781	10 447					
(With tire deflection)	lb	23,547	23,770	23,032					
Static Tipping Load, Straight	kg	11 362	11 514	11 181					
(No tire deflection)	lb	25,049	25,384	24,651					
Static Tipping Load,	kg	8921	8964	8650					
Articulated (With tire deflection)	lb	19,667	19,763	19,070					
Static Tipping Load, Articulated	kg	9618	9711	9398					
(No tire deflection)	lb	21,205	21,409	20,720					
Breakout Force(§)	kN	115	114	102					
	lbf	26,026	25,672	22,980					
Operating Weight*	kg	21 858	22 077	22 249					
	lb	48,188	48,671	49,050					

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage										
Bucket Type		Woodchi	p – Pin-On	Woodchip – Ho	ook-On – Fusion							
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges							
Capacity – Rated	m ³	9.20	9.90	9.20	9.90							
	yd ³	12.00	13.00	12.00	13.00							
Capacity – Rated at 110% Fill Factor	m ³	10.10	10.90	10.10	10.90							
	yd ³	13.25	14.25	13.25	14.25							
Width	mm	3330	3330	3330	3330							
	ft/in	10'11"	10'11"	10'11"	10'11"							
16 [†] Dump Clearance at Maximum Lift	mm	2450	2375	2357	2353							
and 45° Discharge	ft/in	8'0"	7'9"	7'8"	7'8"							
17† Reach at Maximum Lift and	mm	1866	1941	1959	1963							
45° Discharge	ft/in	6'1"	6'4"	6'5"	6'5"							
Reach at Level Lift Arm and	mm	3605	3711	3737	3743							
Bucket Level	ft/in	11'9"	12'2"	12'3"	12'3"							
A [†] Digging Depth	mm	98	98	98	98							
	in	3.8"	3.8"	3.8"	3.8"							
12† Overall Length	mm	9380	9486	9512	9518							
	ft/in	30'10"	31'2"	31'3"	31'3"							
B [†] Overall Height with Bucket at	mm	6454	6546	6512	6563							
Maximum Lift	ft/in	21'3"	21'6"	21'5"	21'7"							
Loader Clearance Circle Radius	mm	7220	7256	7266	7268							
with Bucket at Carry Position	ft/in	23'9"	23'10"	23'11"	23'11"							
Static Tipping Load, Straight	kg	12 184	12 105	10 906	10 954							
(With tire deflection)	lb	26,862	26,688	24,045	24,150							
Static Tipping Load, Straight	kg	12 955	12 885	11 586	11 642							
(No tire deflection)	lb	28,561	28,407	25,544	25,666							
Static Tipping Load,	kg	10 328	10 243	9172	9214							
Articulated (With tire deflection)	lb	22,771	22,583	20,222	20,314							
Static Tipping Load, Articulated	kg	11 112	11 036	9868	9918							
(No tire deflection)	lb	24,499	24,331	21,756	21,866							
Breakout Force(§)	kN	114	107	106	105							
	lbf	25,658	24,210	23,948	23,808							
Operating Weight*	kg	20 783	20 875	21 418	21 379							
	lb	45,818	46,021	47,218	47,132							

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standar	d Linkage
Bucket Type		Rock, Spade – Pin-On***	Rock, Straight – Pin-On***
Edge Type		Teeth and Segments	Teeth and Segments
Capacity – Rated	m ³	3.40	3.30
	yd ³	4.50	4.25
Capacity – Rated at 110% Fill Factor	m ³	3.70	3.60
	yd ³	4.75	4.75
Width	mm	2995	2937
	ft/in	9'9"	9'7"
16 [†] Dump Clearance at Maximum Lift	mm	2858	3023
and 45° Discharge	ft/in	9'4"	9'11"
7† Reach at Maximum Lift and	mm	1629	1440
45° Discharge	ft/in	5'4"	4'8"
Reach at Level Lift Arm and	mm	3168	2916
Bucket Level	ft/in	10'4"	9'6"
A† Digging Depth	mm	39	36
	in	1.5"	1.4"
2† Overall Length	mm	8949	8697
	ft/in	29'5"	28'7"
B † Overall Height with Bucket at	mm	5856	5856
Maximum Lift	ft/in	19'3"	19'3"
Loader Clearance Circle Radius	mm	6949	6843
with Bucket at Carry Position	ft/in	22'10"	22'6"
Static Tipping Load, Straight	kg	13 793	13 997
(With tire deflection)	lb	30,408	30,859
Static Tipping Load, Straight	kg	14 570	14 776
(No tire deflection)	lb	32,122	32,577
Static Tipping Load,	kg	11 776	11 981
Articulated (With tire deflection)	lb	25,962	26,414
Static Tipping Load, Articulated	kg	12 566	12 773
(No tire deflection)	lb	27,705	28,161
Breakout Force (§)	kN	169	194
	lbf	38,002	43,731
Operating Weight*	kg	21 184	21 030
	lb	46,703	46,362

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

† Illustration shown with Dimension charts.

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

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

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

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

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	2.90	2.90					
	yd ³	3.75	3.75					
Capacity – Rated at 110% Fill Factor	m ³	3.20	3.20					
	yd ³	4.25	4.25					
Width	mm	3220	3220					
	ft/in	10'6"	10'6"					
16 [†] Dump Clearance at Maximum Lift	mm	2940	2941					
and 45° Discharge	ft/in	9'7"	9'7"					
17† Reach at Maximum Lift and	mm	1362	1361					
45° Discharge	ft/in	4'5"	4'5"					
Reach at Level Lift Arm and	mm	2902	2901					
Bucket Level	ft/in	9'6"	9'6"					
A [†] Digging Depth	mm	109	108					
	in	4.3"	4.2"					
12† Overall Length	mm	8684	8683					
	ft/in	28'6"	28'6"					
B [†] Overall Height with Bucket at	mm	5730	5722					
Maximum Lift	ft/in	18'10"	18'10"					
Loader Clearance Circle Radius	mm	6927	6947					
with Bucket at Carry Position	ft/in	22'9"	22'10"					
Static Tipping Load, Straight	kg	12 503	12 219					
(With tire deflection)	lb	27,565	26,938					
Static Tipping Load, Straight	kg	13 220	12 934					
(No tire deflection)	lb	29,145	28,516					
Static Tipping Load,	kg	10 625	10 341					
Articulated (With tire deflection)	lb	23,425	22,799					
Static Tipping Load, Articulated	kg	11 356	11 071					
(No tire deflection)	lb	25,037	24,408					
Breakout Force (§)	kN	175	177					
	lbf	39,330	39,890					
Operating Weight*	kg	20 784	21 240					
	lb	45,820	46,826					

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage					Hi	gh Lift Linka	age			
Bucket Type			-		Genera	al Purpose –	Pin-On			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	3.30	3.30	3.10	3.40	3.40	3.20	3.60	3.60	3.40
	yd ³	4.25	4.25	4.00	4.50	4.50	4.25	4.75	4.75	4.50
Capacity - Rated at 110% Fill Factor	m ³	3.60	3.60	3.40	3.70	3.70	3.50	4.00	4.00	3.70
	yd ³	4.75	4.75	4.50	4.75	4.75	4.50	5.25	5.25	4.75
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	3328	3209	3209	3310	3190	3190	3283	3164	3164
and 45° Discharge	ft/in	10'11"	10'6"	10'6"	10'10"	10'5"	10'5"	10'9"	10'4"	10'4"
17† Reach at Maximum Lift and	mm	1499	1609	1609	1514	1624	1624	1536	1645	1645
45° Discharge	ft/in	4'11"	5'3"	5'3"	4'11"	5'3"	5'3"	5'0"	5'4"	5'4"
Reach at Level Lift Arm and	mm	3118	3279	3279	3142	3303	3303	3177	3338	3338
Bucket Level	ft/in	10'2"	10'9"	10'9"	10'3"	10'10"	10'10"	10'5"	10'11"	10'11"
A† Digging Depth	mm	109	109	79	109	109	79	109	109	79
	in	4.3"	4.3"	3.1"	4.3"	4.3"	3.1"	4.3"	4.3"	3.1"
12† Overall Length	mm	9013	9184	9184	9037	9208	9208	9072	9243	9243
	ft/in	29'7"	30'2"	30'2"	29'8"	30'3"	30'3"	29'10"	30'4"	30'4"
B † Overall Height with Bucket at	mm	6061	6061	6061	6087	6087	6087	6121	6121	6121
Maximum Lift	ft/in	19'11"	19'11"	19'11"	20'0"	20'0"	20'0"	20'1"	20'1"	20'1"
Loader Clearance Circle Radius	mm	6958	7050	7050	6966	7058	7058	6977	7069	7069
with Bucket at Carry Position	ft/in	22'10"	23'2"	23'2"	22'11"	23'2"	23'2"	22'11"	23'3"	23'3"
Static Tipping Load, Straight	kg	13 055	12 918	13 191	13 012	12 874	13 145	12 942	12 804	13 071
(With tire deflection)	lb	28,782	28,480	29,082	28,687	28,384	28,979	28,533	28,228	28,817
Static Tipping Load, Straight	kg	13 708	13 570	13 848	13 666	13 527	13 802	13 597	13 458	13 730
(No tire deflection)	lb	30,222	29,917	30,530	30,129	29,823	30,429	29,978	29,671	30,270
Static Tipping Load,	kg	11 117	10 980	11 235	11 076	10 938	11 191	11 009	10 871	11 122
Articulated (With tire deflection)	lb	24,509	24,207	24,770	24,418	24,115	24,673	24,272	23,967	24,519
Static Tipping Load, Articulated	kg	11 792	11 653	11 913	11 751	11 613	11 870	11 687	11 547	11 802
(No tire deflection)	lb	25,997	25,692	26,265	25,908	25,602	26,170	25,765	25,458	26,019
Breakout Force (§)	kN	187	186	203	184	182	199	179	177	193
	lbf	42,168	41,914	45,695	41,366	41,113	44,763	40,245	39,992	43,466
Operating Weight*	kg	20 843	20 951	20 794	20 867	20 975	20 818	20 903	21 011	20 854
	lb	45,950	46,188	45,842	46,003	46,241	45,895	46,083	46,321	45,975

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage			High Lift Linkage	
Bucket Type			General Purpose – Pin-On	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	3.80	3.80	3.60
1	yd ³	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	 m ³	4.20	4.20	4.00
1	yd ³	5.50	5.50	5.25
Width	mm	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	3249	3129	3129
and 45° Discharge	ft/in	10'7"	10'3"	10'3"
7 [†] Reach at Maximum Lift and	mm	1565	1674	1674
45° Discharge	ft/in	5'1"	5'5"	5'5"
Reach at Level Lift Arm and	mm	3223	3384	3384
Bucket Level	ft/in	10'6"	11'1"	11'1"
A ⁺ Digging Depth	mm	109	109	79
	in	4.3"	4.3"	3.1"
12† Overall Length	mm	9118	9289	9289
	ft/in	29'11"	30'6"	30'6"
B [†] Overall Height with Bucket at	mm	6168	6168	6168
Maximum Lift	ft/in	20'3"	20'3"	20'3"
Loader Clearance Circle Radius	mm	6993	7085	7085
with Bucket at Carry Position	ft/in	23'0"	23'3"	23'3"
Static Tipping Load, Straight	kg	12 843	12 704	12 968
(With tire deflection)	lb	28,315	28,009	28,589
Static Tipping Load, Straight	kg	13 500	13 360	13 628
(No tire deflection)	lb	29,764	29,455	30,046
Static Tipping Load,	kg	10 915	10 776	11 023
Articulated (With tire deflection)	lb	24,065	23,759	24,302
Static Tipping Load, Articulated	kg	11 595	11 455	11 705
(No tire deflection)	lb	25,562	25,254	25,806
Breakout Force(§)	kN	172	171	186
	lbf	38,848	38,596	41,857
Operating Weight*	kg	20 958	21 066	20 909
	lb	46,204	46,442	46,096

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage			High Lift Linkage								
Bucket Type			Ge	neral Purpose	– Hook-On – Fusic	on					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.60				
	yd ³	4.75	4.75	4.50	5.00	5.00	4.75				
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00	3.70	4.20	4.20	4.00				
	yd ³	5.25	5.25	4.75	5.50	5.50	5.25				
Width	mm	2927	2994	2994	2927	2994	2994				
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"				
6† Dump Clearance at Maximum Lift	mm	3243	3124	3124	3209	3089	3089				
and 45° Discharge	ft/in	10'7"	10'3"	10'3"	10'6"	10'1"	10'1"				
7 ⁺ Reach at Maximum Lift and	mm	1581	1690	1690	1610	1718	1718				
45° Discharge	ft/in	5'2"	5'6"	5'6"	5'3"	5'7"	5'7"				
Reach at Level Lift Arm and	mm	3237	3398	3398	3283	3444	3444				
Bucket Level	ft/in	10'7"	11'1"	11'1"	10'9"	11'3"	11'3"				
A† Digging Depth	mm	109	109	79	109	109	79				
	in	4.3"	4.3"	3.1"	4.3"	4.3"	3.1"				
2 ⁺ Overall Length	mm	9132	9303	9303	9178	9349	9349				
,	ft/in	30'0"	30'7"	30'7"	30'2"	30'9"	30'9"				
B [†] Overall Height with Bucket at	mm	6154	6154	6154	6202	6202	6202				
Maximum Lift	ft/in	20'3"	20'3"	20'3"	20'5"	20'5"	20'5"				
Loader Clearance Circle Radius	mm	6988	7080	7080	7003	7096	7096				
with Bucket at Carry Position	ft/in	23'0"	23'3"	23'3"	23'0"	23'4"	23'4"				
Static Tipping Load, Straight	kg	12 397	12 260	12 570	12 311	12 173	12 482				
(With tire deflection)	lb	27,332	27,028	27,713	27,143	26,837	27,520				
Static Tipping Load, Straight	kg	13 045	12 906	13 226	12 961	12 821	13 140				
(No tire deflection)	lb	28,760	28,454	29,158	28,575	28,267	28,969				
Static Tipping Load,	kg	10 490	10 353	10 646	10 409	10 271	10 564				
Articulated (With tire deflection)	lb	23,128	22,824	23,471	22,949	22,643	23,289				
Static Tipping Load, Articulated	kg	11 160	11 021	11 324	11 081	10 941	11 243				
(No tire deflection)	lb	24,605	24,298	24,965	24,430	24,122	24,787				
Breakout Force (§)	kN	171	170	184	165	164	177				
(0)	lbf	38,474	38,222	41,425	37,191	36,939	39,956				
Operating Weight*	kg	21 347	21 455	21 298	21 392	21 500	21 343				
1 0 0	lb	47,062	47,300	46,954	47,161	47,399	47,053				

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage					Hi	gh Lift Linka	age			
Bucket Type				Ma	terial Han	dling – Pin-	On – Flat F	loor		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	3.40	3.40	3.20	3.60	3.60	3.40	3.80	3.80	3.60
	yd ³	4.50	4.50	4.25	4.75	4.75	4.50	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m ³	3.70	3.70	3.50	4.00	4.00	3.70	4.20	4.20	4.00
	yd ³	4.75	4.75	4.50	5.25	5.25	4.75	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	3252	3126	3126	3220	3094	3094	3184	3058	3058
and 45° Discharge	ft/in	10'8"	10'3"	10'3"	10'6"	10'1"	10'1"	10'5"	10'0"	10'0"
17† Reach at Maximum Lift and	mm	1448	1550	1550	1479	1582	1582	1516	1618	1618
45° Discharge	ft/in	4'9"	5'1"	5'1"	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"
Reach at Level Lift Arm and	mm	3152	3313	3313	3197	3358	3358	3248	3409	3409
Bucket Level	ft/in	10'4"	10'10"	10'10"	10'5"	11'0"	11'0"	10'7"	11'2"	11'2"
A† Digging Depth	mm	109	109	79	109	109	79	109	109	79
	in	4.3"	4.3"	3.1"	4.3"	4.3"	3.1"	4.3"	4.3"	3.1"
12† Overall Length	mm	9047	9218	9218	9092	9263	9263	9143	9314	9314
	ft/in	29'9"	30'3"	30'3"	29'10"	30'5"	30'5"	30'0"	30'7"	30'7"
B [†] Overall Height with Bucket at	mm	6056	6056	6056	6105	6105	6105	6152	6152	6152
Maximum Lift	ft/in	19'11"	19'11"	19'11"	20'1"	20'1"	20'1"	20'3"	20'3"	20'3"
Loader Clearance Circle Radius	mm	6969	7061	7061	6984	7076	7076	7001	7093	7093
with Bucket at Carry Position	ft/in	22'11"	23'2"	23'2"	22'11"	23'3"	23'3"	23'0"	23'4"	23'4"
Static Tipping Load, Straight	kg	12 879	12 742	13 006	12 792	12 654	12 915	12 690	12 552	12 809
(With tire deflection)	lb	28,393	28,092	28,675	28,202	27,899	28,474	27,978	27,673	28,240
Static Tipping Load, Straight	kg	13 518	13 381	13 649	13 433	13 295	13 559	13 333	13 194	13 455
(No tire deflection)	lb	29,803	29,500	30,091	29,615	29,310	29,893	29,395	29,089	29,664
Static Tipping Load,	kg	10 962	10 825	11 073	10 879	10 742	10 987	10 783	10 645	10 887
Articulated (With tire deflection)	lb	24,167	23,866	24,412	23,986	23,683	24,223	23,773	23,469	24,001
Static Tipping Load, Articulated	kg	11 623	11 486	11 737	11 543	11 404	11 653	11 448	11 309	11 554
(No tire deflection)	lb	25,625	25,322	25,876	25,448	25,143	25,690	25,240	24,933	25,473
Breakout Force(§)	kN	182	181	197	176	175	190	169	168	182
	lbf	41,030	40,777	44,375	39,622	39,369	42,748	38,123	37,871	41,025
Operating Weight*	kg	20 869	20 977	20 820	20 913	21 021	20 864	20 967	21 075	20 918
	lb	46,007	46,245	45,899	46,104	46,342	45,996	46,223	46,461	46,115

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		High Lift Linkage									
Bucket Type			erial Handling – Pin Tat Floor – BGE – FN			Flat Floor – Naterial					
Edge Type		Tips	Tips	Tips	Bolt-On Cutting Edges	Bolt-On Cutting Edges					
Capacity – Rated	m ³	3.40	3.60	3.80	4.60	4.60					
	yd ³	4.50	4.75	5.00	6.00	6.00					
Capacity – Rated at 110% Fill Factor	m ³	3.70	4.00	4.20	5.00	5.00					
	yd ³	4.75	5.25	5.50	6.50	6.50					
Width	mm	2994	2995	2995	3059	3338					
	ft/in	9'9"	9'9"	9'9"	10'0"	10'11"					
16 [†] Dump Clearance at Maximum Lift	mm	3144	3076	3045	3119	3124					
and 45° Discharge	ft/in	10'3"	10'1"	9'11"	10'2"	10'3"					
17† Reach at Maximum Lift and	mm	1586	1653	1684	1573	1589					
45° Discharge	ft/in	5'2"	5'5"	5'6"	5'1"	5'2"					
Reach at Level Lift Arm and	mm	3326	3421	3465	3334	3342					
Bucket Level	ft/in	10'10"	11'2"	11'4"	10'11"	10'11"					
A† Digging Depth	mm	82	82	82	79	99					
	in	3.2"	3.2"	3.2"	3.1"	3.9"					
12† Overall Length	mm	9208	9303	9347	9232	9231					
	ft/in	30'3"	30'7"	30'8"	30'4"	30'4"					
B [†] Overall Height with Bucket at	mm	6122	6152	6196	6288	6004					
Maximum Lift	ft/in	20'2"	20'3"	20'4"	20'8"	19'9"					
Loader Clearance Circle Radius	mm	7044	7076	7091	7089	7205					
with Bucket at Carry Position	ft/in	23'2"	23'3"	23'4"	23'4"	23'8"					
Static Tipping Load, Straight	kg	12 766	12 561	12 457	12 385	12 500					
(With tire deflection)	lb	28,145	27,692	27,465	27,304	27,558					
Static Tipping Load, Straight	kg	13 409	13 203	13 101	13 035	13 127					
(No tire deflection)	lb	29,563	29,108	28,883	28,737	28,941					
Static Tipping Load,	kg	10 840	10 647	10 548	10 485	10 618					
Articulated (With tire deflection)	lb	23,898	23,473	23,256	23,116	23,409					
Static Tipping Load, Articulated	kg	11 505	11 311	11 214	11 158	11 268					
(No tire deflection)	lb	25,365	24,937	24,723	24,599	24,843					
Breakout Force (§)	kN	193	179	173	168	159					
	lbf	43,526	40,306	38,937	37,902	35,776					
Operating Weight*	kg	21 043	21 140	21 200	21 196	20 993					
	lb	46,390	46,604	46,736	46,728	46,280					

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		High Lift Linkage							
Bucket Type Edge Type		Material Han	Material Handling – Hook-On – Fusion – Flat Floor – BGE – FM						
		Bolt-On Cutting Edges	Teeth and Segments	Tips	Tips				
Capacity – Rated	m ³	3.60	3.60	3.40	3.40				
	yd ³	4.75	4.75	4.50	4.50				
Capacity - Rated at 110% Fill Factor	m ³	4.00	4.00	3.70	3.70				
	yd ³	5.25	5.25	4.75	4.75				
Width	mm	2927	2994	2994	2995				
	ft/in	9'7"	9'9"	9'9"	9'9"				
16 [†] Dump Clearance at Maximum Lift	mm	3177	3052	3052	2961				
and 45° Discharge	ft/in	10'5"	10'0"	10'0"	9'8"				
17 [†] Reach at Maximum Lift and	mm	1522	1624	1624	1655				
45° Discharge	ft/in	4'11"	5'3"	5'3"	5'5"				
Reach at Level Lift Arm and	mm	3257	3418	3418	3504				
Bucket Level	ft/in	10'8"	11'2"	11'2"	11'5"				
A† Digging Depth	mm	109	109	79	82				
	in	4.3"	4.3"	3.1"	3.2"				
12† Overall Length	mm	9152	9323	9323	9435				
	ft/in	30'1"	30'8"	30'8"	31'0"				
B † Overall Height with Bucket at	mm	6134	6134	6134	6134				
Maximum Lift	ft/in	20'2"	20'2"	20'2"	20'2"				
Loader Clearance Circle Radius	mm	6994	7087	7087	7141				
with Bucket at Carry Position	ft/in	23'0"	23'3"	23'3"	23'6"				
Static Tipping Load, Straight	kg	12 255	12 118	12 420	12 005				
(With tire deflection)	lb	27,018	26,716	27,383	26,466				
Static Tipping Load, Straight	kg	12 889	12 751	13 061	12 635				
(No tire deflection)	lb	28,415	28,111	28,795	27,857				
Static Tipping Load,	kg	10 368	10 231	10 517	10 115				
Articulated (With tire deflection)	lb	22,857	22,555	23,187	22,301				
Static Tipping Load, Articulated	kg	11 024	10 886	11 180	10 769				
(No tire deflection)	lb	24,304	24,000	24,649	23,741				
Breakout Force(§)	kN	168	167	181	176				
	lbf	37,903	37,651	40,771	39,558				
Operating Weight*	kg	21 355	21 463	21 306	21 612				
	lb	47,080	47,318	46,972	47,646				

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		High Lift Linkage								
Bucket Type			High Dump – Pin-On – Abrasion							
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges					
Capacity – Rated	m ³	5.10	7.60	9.20	8.20					
	yd ³	6.75	10.00	12.00	10.75					
Capacity – Rated at 110% Fill Factor	m ³	5.60	8.40	10.10	9.00					
	yd ³	7.25	11.00	13.25	11.75					
Width	mm	3029	3350	3350	3205					
	ft/in	9'11"	10'11"	10'11"	10'6"					
16 [†] Dump Clearance at Maximum Lift	mm	2953	2756	2614	2753					
and 45° Discharge	ft/in	9'8"	9'0"	8'6"	9'0"					
17 [†] Reach at Maximum Lift and	mm	1757	1943	2085	1946					
45° Discharge	ft/in	5'9"	6'4"	6'10"	6'4''					
Reach at Level Lift Arm and	mm	3582	3853	4053	3857					
Bucket Level	ft/in	11'9"	12'7"	13'3"	12'7"					
A [†] Digging Depth	mm	102	79	79	109					
	in	4"	3.1"	3.1"	4.3"					
12† Overall Length	mm	9472	9748	9948	9752					
	ft/in	31'1"	32'0"	32'8"	32'0"					
B ⁺ Overall Height with Bucket at	mm	6568	6551	6752	6980					
Maximum Lift	ft/in	21'7"	21'6"	22'2"	22'11"					
Loader Clearance Circle Radius	mm	7153	7389	7460	7329					
with Bucket at Carry Position	ft/in	23'6"	24'3"	24'6"	24'1"					
Static Tipping Load, Straight	kg	11 468	10 915	10 592	10 118					
(With tire deflection)	lb	25,282	24,065	23,352	22,307					
Static Tipping Load, Straight	kg	12 108	11 582	11 263	10 765					
(No tire deflection)	lb	26,695	25,535	24,831	23,734					
Static Tipping Load,	kg	9633	9076	8771	8306					
Articulated (With tire deflection)	lb	21,237	20,010	19,338	18,312					
Static Tipping Load, Articulated	kg	10 296	9766	9465	8976					
(No tire deflection)	lb	22,700	21,531	20,867	19,790					
Breakout Force(§)	kN	133	118	105	109					
	lbf	29,989	26,543	23,703	24,553					
Operating Weight*	kg	21 621	22 182	22 355	22 775					
	lb	47,664	48,901	49,283	50,209					

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		High Lift Linkage						
Bucket Type			High Dump – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m ³	6.10	7.60	9.20				
	yd ³	8.00	10.00	12.00				
Capacity – Rated at 110% Fill Factor	m ³	6.70	8.40	10.10				
	yd ³	8.75	11.00	13.25				
Width	mm	3037	3350	3350				
	ft/in	9'11"	10'11"	10'11"				
6† Dump Clearance at Maximum Lift	mm	2781	2710	2569				
and 45° Discharge	ft/in	9'1"	8'10"	8'5"				
7† Reach at Maximum Lift and	mm	1918	1989	2131				
45° Discharge	ft/in	6'3"	6'6"	6'11"				
Reach at Level Lift Arm and	mm	3817	3918	4118				
Bucket Level	ft/in	12'6"	12'10"	13'6"				
A [†] Digging Depth	mm	109	79	79				
	in	4.3"	3.1"	3.1"				
2† Overall Length	mm	9712	9813	10 013				
	ft/in	31'11"	32'3"	32'11"				
B ⁺ Overall Height with Bucket at	mm	6526	6591	6792				
Maximum Lift	ft/in	21'5"	21'8"	22'4"				
Loader Clearance Circle Radius	mm	7234	7402	7473				
with Bucket at Carry Position	ft/in	23'9"	24'4"	24'7"				
Static Tipping Load, Straight	kg	10 221	10 281	9966				
(With tire deflection)	lb	22,535	22,666	21,973				
Static Tipping Load, Straight	kg	10 834	10 935	10 624				
(No tire deflection)	lb	23,886	24,109	23,423				
Static Tipping Load,	kg	8460	8467	8170				
Articulated (With tire deflection)	lb	18,651	18,667	18,013				
Static Tipping Load, Articulated	kg	9097	9144	8851				
(No tire deflection)	lb	20,056	20,160	19,514				
Breakout Force (§)	kN	114	113	101				
	lbf	25,806	25,452	22,780				
Operating Weight*	kg	22 530	22 749	22 921				
	lb	49,668	50,151	50,530				

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

† Illustration shown with Dimension charts.

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

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

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

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

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Operating Specifications – Buckets (continued)

Linkage		High Lift Linkage								
Bucket Type		Woodchi	p — Pin-On	Woodchip – Ho	ook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges					
Capacity – Rated	m ³	9.20	9.90	9.20	9.90					
	yd ³	12.00	13.00	12.00	13.00					
Capacity – Rated at 110% Fill Factor	m ³	10.10	10.90	10.10	10.90					
	yd ³	13.25	14.25	13.25	14.25					
Width	mm	3330	3330	3330	3330					
	ft/in	10'11"	10'11"	10'11"	10'11"					
16 [†] Dump Clearance at Maximum Lift	mm	2739	2664	2646	2641					
and 45° Discharge	ft/in	8'11"	8'8"	8'8"	8'8"					
17† Reach at Maximum Lift and	mm	1967	2042	2061	2065					
45° Discharge	ft/in	6'5"	6'8"	6'9"	6'9"					
Reach at Level Lift Arm and	mm	3882	3988	4014	4020					
Bucket Level	ft/in	12'8"	13'1"	13'2"	13'2"					
A [†] Digging Depth	mm	104	104	104	104					
	in	4.1"	4.1"	4.1"	4.1"					
12† Overall Length	mm	9774	9880	9906	9912					
	ft/in	32'1"	32'5"	32'6"	32'7"					
B [†] Overall Height with Bucket at	mm	6743	6835	6800	6852					
Maximum Lift	ft/in	22'2"	22'6"	22'4"	22'6"					
Loader Clearance Circle Radius	mm	7388	7425	7424	7426					
with Bucket at Carry Position	ft/in	24'3"	24'5"	24'5"	24'5"					
Static Tipping Load, Straight	kg	11 664	11 583	10 472	10 518					
(With tire deflection)	lb	25,715	25,536	23,087	23,188					
Static Tipping Load, Straight	kg	12 351	12 277	11 086	11 138					
(No tire deflection)	lb	27,231	27,068	24,441	24,556					
Static Tipping Load,	kg	9815	9728	8734	8774					
Articulated (With tire deflection)	lb	21,639	21,447	19,255	19,345					
Static Tipping Load, Articulated	kg	10 525	10 445	9372	9419					
(No tire deflection)	lb	23,204	23,028	20,661	20,766					
Breakout Force (§)	kN	113	106	105	105					
	lbf	25,448	24,010	23,751	23,611					
Operating Weight*	kg	21 455	21 547	22 089	22 050					
	lb	47,299	47,501	48,698	48,612					

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage						Aggrega	ate Handler	Linkage			
Bucket Type						Genera	l Purpose –	Pin-On			
Edge Type			Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated		m ³	3.30	3.30	3.10	3.60	3.60	3.40	3.80	3.80	3.60
		yd ³	4.25	4.25	4.00	4.75	4.75	4.50	5.00	5.00	4.75
Capacity – Rated at	110% Fill Factor	m ³	3.60	3.60	3.40	4.00	4.00	3.70	4.20	4.20	4.00
		yd ³	4.75	4.75	4.50	5.25	5.25	4.75	5.50	5.50	5.25
Width		mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
		ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at	Maximum Lift	mm	3039	2921	2921	2995	2875	2875	2960	2840	2840
and 45° Discharge		ft/in	9'11"	9'7"	9'7"	9'9"	9'5"	9'5"	9'8"	9'3"	9'3"
17† Reach at Maximum	Lift and	mm	1398	1508	1508	1434	1543	1543	1463	1572	1572
45° Discharge		ft/in	4'7"	4'11"	4'11"	4'8"	5'0"	5'0"	4'9"	5'1"	5'1"
Reach at Level Lift	Arm and	mm	2841	3002	3002	2900	3061	3061	2946	3107	3107
Bucket Level		ft/in	9'3"	9'10"	9'10"	9'6"	10'0"	10'0"	9'7"	10'2"	10'2"
A† Digging Depth		mm	103	103	73	103	103	73	103	103	73
		in	4"	4"	2.9"	4"	4"	2.9"	4"	4"	2.9"
12† Overall Length		mm	8681	8854	8854	8740	8913	8913	8786	8959	8959
		ft/in	28'6"	29'1"	29'1"	28'9"	29'3"	29'3"	28'10"	29'5"	29'5"
B† Overall Height with	Bucket at	mm	5773	5773	5773	5832	5832	5832	5879	5879	5879
Maximum Lift		ft/in	19'0"	19'0"	19'0"	19'2"	19'2"	19'2"	19'4"	19'4"	19'4"
Loader Clearance C	ircle Radius	mm	6800	6886	6886	6818	6905	6905	6832	6919	6919
with Bucket at Carr	y Position	ft/in	22'4"	22'8"	22'8"	22'5"	22'8"	22'8"	22'5"	22'9"	22'9"
Static Tipping Load	, Straight	kg	14 802	14 662	14 965	14 676	14 535	14 832	14 567	14 425	14 717
(With tire deflection)	lb	32,633	32,324	32,993	32,357	32,045	32,699	32,116	31,802	32,446
Static Tipping Load	, Straight	kg	15 621	15 479	15 791	15 498	15 355	15 660	15 391	15 247	15 547
(No tire deflection)		lb	34,439	34,126	34,813	34,168	33,853	34,524	33,932	33,615	34,275
Static Tipping Load		kg	12 653	12 513	12 795	12 535	12 393	12 669	12 432	12 289	12 561
Articulated (With ti	re deflection)	lb	27,897	27,587	28,209	27,635	27,323	27,931	27,408	27,094	27,692
Static Tipping Load	, Articulated	kg	13 490	13 348	13 638	13 375	13 232	13 514	13 273	13 130	13 408
(No tire deflection)		lb	29,741	29,429	30,067	29,486	29,171	29,795	29,263	28,947	29,560
Breakout Force(§)		kN	189	188	205	180	179	195	174	173	187
		lbf	42,503	42,264	46,073	40,566	40,327	43,827	39,159	38,920	42,206
Operating Weight*		kg	20 748	20 856	20 699	20 809	20 917	20 760	20 863	20 971	20 814
		lb	45,742	45,980	45,634	45,875	46,113	45,767	45,995	46,234	45,887

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Aggregate Handler Linkage				
Bucket Type		General Purpose -	e – Pin-On – Abrasion Bolt-On Cutting Edges 4.20 5.50 4.60 6.00			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m ³	4.00	4.20			
	yd ³	5.25	5.50			
Capacity – Rated at 110% Fill Factor	m ³	4.40	4.60			
	yd ³	5.75	6.00			
Width	mm	2994	2994			
	ft/in	9'9"	9'9"			
6† Dump Clearance at Maximum Lift	mm	2947	2914			
and 45° Discharge	ft/in	9'8"	9'6"			
7† Reach at Maximum Lift and	mm	1472	1502			
45° Discharge	ft/in	4'9"	4'11"			
Reach at Level Lift Arm and	mm	2962	3007			
Bucket Level	ft/in	9'8"	9'10"			
A† Digging Depth	mm	103	103			
	in	4"	4"			
2 ⁺ Overall Length	mm	8802	8847			
	ft/in	28'11"	29'1"			
B [†] Overall Height with Bucket at	mm	5922	5969			
Maximum Lift	ft/in	19'6"	19'7"			
Loader Clearance Circle Radius	mm	6867	6881			
with Bucket at Carry Position	ft/in	22'7"	22'7"			
Static Tipping Load, Straight	kg	14 430	14 332			
(With tire deflection)	lb	31,813	31,596			
Static Tipping Load, Straight	kg	15 256	15 160			
(No tire deflection)	lb	33,635	33,423			
Static Tipping Load,	kg	12 293	12 201			
Articulated (With tire deflection)	lb	27,103	26,899			
Static Tipping Load, Articulated	kg	13 138	13 047			
(No tire deflection)	lb	28,965	28,765			
Breakout Force (§)	kN	171	165			
	lbf	38,515	37,251			
Operating Weight*	kg	20 991	21 037			
	lb	46,277	46,378			

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage Aggregate Handler Linkage											
Bucket Type			Ge	neral Purpose	– Hook-On – Fusio	Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.60				
	yd ³	4.75	4.75	4.50	5.00	5.00	4.75				
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00	3.70	4.20	4.20	4.00				
	yd ³	5.25	5.25	4.75	5.50	5.50	5.25				
Width	mm	2927	2994	2994	2927	2994	2994				
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"				
6† Dump Clearance at Maximum Lift	mm	2955	2835	2835	2920	2800	2800				
and 45° Discharge	ft/in	9'8"	9'3"	9'3"	9'6"	9'2"	9'2"				
7 ⁺ Reach at Maximum Lift and	mm	1479	1588	1588	1508	1617	1617				
45° Discharge	ft/in	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"				
Reach at Level Lift Arm and	mm	2960	3121	3121	3006	3167	3167				
Bucket Level	ft/in	9'8"	10'2"	10'2"	9'10"	10'4"	10'4"				
A [†] Digging Depth	mm	103	103	73	103	103	73				
	in	4"	4"	2.9"	4"	4"	2.9"				
2 ⁺ Overall Length	mm	8800	8973	8973	8846	9019	9019				
	ft/in	28'11"	29'6"	29'6"	29'1"	29'8"	29'8"				
B † Overall Height with Bucket at	mm	5866	5866	5866	5913	5913	5913				
Maximum Lift	ft/in	19'3"	19'3"	19'3"	19'5"	19'5"	19'5"				
Loader Clearance Circle Radius	mm	6833	6921	6921	6848	6936	6936				
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'9"	22'6"	22'10"	22'10"				
Static Tipping Load, Straight	kg	14 095	13 954	14 297	13 999	13 858	14 200				
(With tire deflection)	lb	31,075	30,764	31,521	30,864	30,552	31,305				
Static Tipping Load, Straight	kg	14 905	14 763	15 119	14 811	14 668	15 023				
(No tire deflection)	lb	32,861	32,547	33,332	32,654	32,338	33,121				
Static Tipping Load,	kg	11 985	11 844	12 167	11 895	11 753	12 075				
Articulated (With tire deflection)	lb	26,423	26,112	26,823	26,224	25,912	26,621				
Static Tipping Load, Articulated	kg	12 813	12 671	13 006	12 726	12 582	12 917				
(No tire deflection)	lb	28,249	27,936	28,674	28,056	27,740	28,477				
Breakout Force (§)	kN	172	171	185	166	165	179				
(3)	lbf	38,782	38,543	41,770	37,489	37,251	40,290				
Operating Weight*	kg	21 253	21 361	21 204	21 298	21 406	21 249				
Speraning weight	lb	46,854	47,092	46,745	46,953	47,191	46,845				

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage	Aggregate Handler Linkage									
Bucket Type				Material Ha	ndling – Pin-C)n – Flat Floor				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges		
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.60	4.00		
	yd ³	4.75	4.75	4.50	5.00	5.00	4.75	5.25		
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00	3.70	4.20	4.20	4.00	4.40		
	yd ³	5.25	5.25	4.75	5.50	5.50	5.25	5.75		
Width	mm	2927	2994	2994	2927	2994	2994	2927		
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"		
16 [†] Dump Clearance at Maximum Lift	mm	2931	2806	2806	2895	2770	2770	2881		
and 45° Discharge	ft/in	9'7"	9'2"	9'2"	9'5"	9'1"	9'1"	9'5"		
7† Reach at Maximum Lift and	mm	1378	1480	1480	1414	1516	1516	1428		
45° Discharge	ft/in	4'6"	4'10"	4'10"	4'7"	4'11"	4'11"	4'8"		
Reach at Level Lift Arm and	mm	2920	3081	3081	2971	3132	3132	2991		
Bucket Level	ft/in	9'6"	10'1"	10'1"	9'8"	10'3"	10'3"	9'9"		
A† Digging Depth	mm	103	103	73	103	103	73	103		
	in	4"	4"	2.9"	4"	4"	2.9"	4"		
12† Overall Length	mm	8760	8933	8933	8811	8984	8984	8831		
	ft/in	28'9"	29'4"	29'4"	28'11"	29'6"	29'6"	29'0"		
B † Overall Height with Bucket at	mm	5816	5816	5816	5864	5864	5864	5925		
Maximum Lift	ft/in	19'1"	19'1"	19'1"	19'3"	19'3"	19'3"	19'6"		
Loader Clearance Circle Radius	mm	6824	6911	6911	6840	6927	6927	6846		
with Bucket at Carry Position	ft/in	22'5"	22'9"	22'9"	22'6"	22'9"	22'9"	22'6"		
Static Tipping Load, Straight	kg	14 492	14 352	14 640	14 380	14 239	14 523	14 241		
(With tire deflection)	lb	31,951	31,641	32,276	31,702	31,391	32,017	31,396		
Static Tipping Load, Straight	kg	15 294	15 152	15 447	15 183	15 041	15 331	15 040		
(No tire deflection)	lb	33,718	33,405	34,055	33,474	33,159	33,800	33,159		
Static Tipping Load,	kg	12 375	12 235	12 504	12 269	12 128	12 393	12 141		
Articulated (With tire deflection)	lb	27,284	26,974	27,566	27,050	26,738	27,322	26,767		
Static Tipping Load, Articulated	kg	13 196	13 054	13 328	13 092	12 949	13 219	12 959		
(No tire deflection)	lb	29,092	28,779	29,384	28,862	28,548	29,144	28,571		
Breakout Force (§)	kN	177	176	191	170	169	184	168		
	lbf	39,939	39,700	43,104	38,428	38,189	41,367	37,810		
Operating Weight*	kg	20 818	20 926	20 769	20 872	20 980	20 823	20 930		
	lb	45,895	46,133	45,787	46,014	46,253	45,906	46,142		

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Aggregate Handler Linkage								
Bucket Type				ling – Pin-On – BGE – FMT		Flat Floor – Naterial				
Edge Type		Tips	Tips	Tips	Tips	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m ³	3.40	3.60	3.80	4.00	4.60	4.60			
	yd ³	4.50	4.75	5.00	5.25	6.00	6.00			
Capacity – Rated at 110% Fill Factor	m ³	3.70	4.00	4.20	4.40	5.00	5.00			
	yd ³	4.75	5.25	5.50	5.75	6.50	6.50			
Width	mm	2994	2995	2995	2995	3059	3338			
	ft/in	9'9"	9'9"	9'9"	9'9"	10'0"	10'11"			
16 [†] Dump Clearance at Maximum Lift	mm	2855	2788	2757	2721	2831	2836			
and 45° Discharge	ft/in	9'4"	9'1"	9'0"	8'11"	9'3"	9'3"			
17 [†] Reach at Maximum Lift and	mm	1484	1552	1583	1618	1471	1487			
45° Discharge	ft/in	4'10"	5'1"	5'2"	5'3"	4'9"	4'10"			
Reach at Level Lift Arm and	mm	3049	3144	3188	3238	3057	3065			
Bucket Level	ft/in	10'0"	10'3"	10'5"	10'7"	10'0"	10'0"			
A [†] Digging Depth	mm	76	76	76	76	73	93			
	in	3"	3"	3"	3"	2.9"	3.7"			
12† Overall Length	mm	8874	8969	9013	9063	8901	8898			
	ft/in	29'2"	29'6"	29'7"	29'9"	29'3"	29'3"			
B [†] Overall Height with Bucket at	mm	5834	5864	5907	5956	6000	5715			
Maximum Lift	ft/in	19'2"	19'3"	19'5"	19'7"	19'9"	18'9"			
Loader Clearance Circle Radius	mm	6886	6916	6930	6947	6927	7048			
with Bucket at Carry Position	ft/in	22'8"	22'9"	22'9"	22'10"	22'9"	23'2"			
Static Tipping Load, Straight	kg	14 492	14 262	14 149	14 025	14 057	14 148			
(With tire deflection)	lb	31,962	31,443	31,193	30,920	30,990	31,192			
Static Tipping Load, Straight	kg	15 297	15 065	14 953	14 831	14 869	14 930			
(No tire deflection)	lb	33,726	33,214	32,966	32,697	32,780	32,915			
Static Tipping Load,	kg	12 358	12 143	12 036	11 919	11 955	12 069			
Articulated (With tire deflection)	lb	27,245	26,772	26,535	26,277	26,358	26,608			
Static Tipping Load, Articulated	kg	13 182	12 965	12 859	12 743	12 786	12 870			
(No tire deflection)	lb	29,062	28,583	28,349	28,095	28,189	28,374			
Breakout Force (§)	kN	195	180	174	168	170	160			
	lbf	43,852	40,609	39,231	37,763	38,213	36,055			
Operating Weight*	kg	20 948	21 045	21 105	21 168	21 101	20 898			
	lb	46,182	46,396	46,528	46,667	46,520	46,072			

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Aggregate Handler Linkage							
Bucket Type		Material Handling – Hook-On – Fusion – Flat Floor			Material Handling – Hook-On – Fusion – Flat Floor – BGE – FMT				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Tips	Tips
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.70	3.40	3.80
	yd ³	4.75	4.75	4.50	5.00	5.00	4.75	4.50	5.00
Capacity – Rated at 110% Fill Factor	 m ³	4.00	4.00	3.70	4.20	4.20	4.00	3.70	4.20
	yd ³	5.25	5.25	4.75	5.50	5.50	5.25	4.75	5.50
Width	mm	2927	2994	2994	2927	2994	2994	2995	2995
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'9"	9'9"
16 [†] Dump Clearance at Maximum Lift	mm	2889	2763	2763	2836	2710	2710	2673	2598
and 45° Discharge	ft/in	9'5"	9'0"	9'0"	9'3"	8'10"	8'10"	8'9"	8'6"
17 [†] Reach at Maximum Lift and	mm	1420	1522	1522	1473	1575	1575	1554	1628
45° Discharge	ft/in	4'7"	4'11"	4'11"	4'10"	5'2"	5'2"	5'1"	5'4"
Reach at Level Lift Arm and	mm	2980	3141	3141	3055	3216	3216	3227	3332
Bucket Level	ft/in	9'9"	10'3"	10'3"	10'0"	10'6"	10'6"	10'7"	10'11"
A [†] Digging Depth	mm	103	103	73	103	103	73	76	76
	in	4"	4"	2.9"	4"	4"	2.9"	3"	3"
12† Overall Length	mm	8820	8993	8993	8895	9068	9068	9108	9213
	ft/in	29'0"	29'7"	29'7"	29'3"	29'9"	29'9"	29'11"	30'3"
B [†] Overall Height with Bucket at	mm	5845	5845	5845	5910	5910	5910	5846	5962
Maximum Lift	ft/in	19'3"	19'3"	19'3"	19'5"	19'5"	19'5"	19'3"	19'7"
Loader Clearance Circle Radius	mm	6840	6928	6928	6864	6952	6952	6973	7007
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'9"	22'7"	22'10"	22'10"	22'11"	23'0"
Static Tipping Load, Straight	kg	13 920	13 780	14 113	13 575	13 436	13 767	13 673	13 440
(With tire deflection)	lb	30,690	30,381	31,115	29,929	29,622	30,352	30,145	29,632
Static Tipping Load, Straight	kg	14 711	14 570	14 914	14 348	14 207	14 550	14 460	14 230
(No tire deflection)	lb	32,432	32,121	32,880	31,632	31,322	32,078	31,880	31,372
Static Tipping Load,	kg	11 834	11 694	12 008	11 523	11 384	11 696	11 584	11 364
Articulated (With tire deflection)	lb	26,090	25,782	26,473	25,405	25,097	25,785	25,540	25,054
Static Tipping Load, Articulated	kg	12 644	12 503	12 827	12 316	12 175	12 498	12 391	12 173
(No tire deflection)	lb	27,875	27,564	28,280	27,152	26,841	27,555	27,317	26,838
Breakout Force(§)	kN	170	168	182	160	159	172	177	165
	lbf	38,207	37,968	41,111	36,152	35,913	38,769	39,922	37,126
Operating Weight*	kg	21 261	21 369	21 212	21 367	21 475	21 318	21 518	21 641
	lb	46,871	47,110	46,763	47,105	47,343	46,997	47,438	47,709

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage			Agg	Aggregate Handler Linkage			
Bucket Type			High Dump – Pin On – Abrasion				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m ³	5.10	6.10	7.60	9.20	8.20	
	yd ³	6.75	8.00	10.00	12.00	10.75	
Capacity – Rated at 110% Fill Factor	m ³	5.60	6.70	8.40	10.10	9.00	
	yd ³	7.25	8.75	11.00	13.25	11.75	
Width	mm	3029	2910	3350	3350	3205	
	ft/in	9'11"	9'6"	10'11"	10'11"	10'6"	
16 [†] Dump Clearance at Maximum Lift	mm	2664	2539	2467	2326	2465	
and 45° Discharge	ft/in	8'8"	8'3"	8'1"	7'7"	8'1"	
17 [†] Reach at Maximum Lift and	mm	1655	1676	1842	1983	1844	
45° Discharge	ft/in	5'5"	5'6"	6'0"	6'6"	6'0"	
Reach at Level Lift Arm and	mm	3305	3408	3576	3776	3580	
Bucket Level	ft/in	10'10"	11'2"	11'8"	12'4"	11'8"	
A† Digging Depth	mm	96	170	73	73	103	
	in	3.7"	6.7"	2.9"	2.9"	4"	
12† Overall Length	mm	9140	9294	9416	9616	9420	
	ft/in	30'0"	30'6"	30'11"	31'7"	30'11"	
B ⁺ Overall Height with Bucket at	mm	6280	6288	6262	6463	6691	
Maximum Lift	ft/in	20'8"	20'8"	20'7"	21'3"	22'0"	
Loader Clearance Circle Radius	mm	6989	6999	7221	7289	7159	
with Bucket at Carry Position	ft/in	23'0"	23'0"	23'9"	23'11"	23'6"	
Static Tipping Load, Straight	kg	13 023	12 047	12 471	12 113	11 628	
(With tire deflection)	lb	28,712	26,561	27,494	26,705	25,635	
Static Tipping Load, Straight	kg	13 818	12 828	13 299	12 945	12 430	
(No tire deflection)	lb	30,464	28,282	29,321	28,540	27,405	
Static Tipping Load,	kg	11 001	10 066	10 444	10 108	9634	
Articulated (With tire deflection)	lb	24,254	22,192	23,025	22,285	21,239	
Static Tipping Load, Articulated	kg	11 816	10 866	11 292	10 960	10 457	
(No tire deflection)	lb	26,050	23,957	24,895	24,164	23,054	
Breakout Force (§)	kN	134	125	119	106	110	
(3)	lbf	30,232	28,177	26,770	23,909	24,768	
Operating Weight*	kg	21 526	22 288	22 087	22,909	22 680	
~ personal respec	lb	47,456	49,136	48,693	49,074	50,000	

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Aggregate Handler Linkage				
Bucket Type			High Dump – Hook-On – Fusion	-		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges		
Capacity – Rated	m ³	6.10	7.60	9.20		
	yd ³	8.00	10.00	12.00		
Capacity – Rated at 110% Fill Factor	m ³	6.70	8.40	10.10		
	yd ³	8.75	11.00	13.25		
Width	mm	3037	3350	3350		
	ft/in	9'11"	10'11"	10'11"		
16† Dump Clearance at Maximum Lift	mm	2493	2421	2280		
and 45° Discharge	ft/in	8'2"	7'11"	7'5"		
17† Reach at Maximum Lift and	mm	1816	1888	2029		
45° Discharge	ft/in	5'11"	6'2"	6'7"		
Reach at Level Lift Arm and	mm	3540	3641	3841		
Bucket Level	ft/in	11'7"	11'11"	12'7"		
A† Digging Depth	mm	103	73	73		
	in	4"	2.9"	2.9"		
12† Overall Length	mm	9380	9481	9681		
	ft/in	30'10"	31'2"	31'10"		
B [†] Overall Height with Bucket at	mm	6237	6303	6504		
Maximum Lift	ft/in	20'6"	20'9"	21'5"		
Loader Clearance Circle Radius	mm	7073	7243	7312		
with Bucket at Carry Position	ft/in	23'3"	23'10"	24'0"		
Static Tipping Load, Straight	kg	11 675	11 806	11 458		
(With tire deflection)	lb	25,740	26,028	25,262		
Static Tipping Load, Straight	kg	12 430	12 618	12 273		
(No tire deflection)	lb	27,404	27,819	27,058		
Static Tipping Load,	kg	9742	9809	9483		
Articulated (With tire deflection)	lb	21,477	21,626	20,908		
Static Tipping Load, Articulated	kg	10 518	10 641	10 319		
(No tire deflection)	lb	23,189	23,461	22,749		
Breakout Force(§)	kN	115	114	102		
	lbf	26,026	25,672	22,980		
Operating Weight*	kg	22 435	22 654	22 826		
	lb	49,460	49,943	50,322		

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Aggregate Handler Linkage						
Bucket Type		Woodchi	p — Pin-On	Woodchip – Ho	ook-On — Fusion			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m ³	9.20	9.90	9.20	9.90			
	yd ³	12.00	13.00	12.00	13.00			
Capacity – Rated at 110% Fill Factor	m ³	10.10	10.90	10.10	10.90			
	yd ³	13.25	14.25	13.25	14.25			
Width	mm	3330	3330	3330	3330			
	ft/in	10'11"	10'11"	10'11"	10'11"			
16 [†] Dump Clearance at Maximum Lift	mm	2450	2375	2357	2353			
and 45° Discharge	ft/in	8'0"	7'9"	7'8"	7'8"			
17† Reach at Maximum Lift and	mm	1866	1941	1959	1963			
45° Discharge	ft/in	6'1"	6'4"	6'5"	6'5"			
Reach at Level Lift Arm and	mm	3605	3711	3737	3743			
Bucket Level	ft/in	11'9"	12'2"	12'3"	12'3"			
A [†] Digging Depth	mm	98	98	98	98			
	in	3.8"	3.8"	3.8"	3.8"			
12† Overall Length	mm	9442	9548	9574	9580			
	ft/in	31'0"	31'4"	31'5"	31'6"			
B [†] Overall Height with Bucket at	mm	6454	6546	6512	6563			
Maximum Lift	ft/in	21'3"	21'6"	21'5"	21'7"			
Loader Clearance Circle Radius	mm	7220	7256	7266	7268			
with Bucket at Carry Position	ft/in	23'9"	23'10"	23'11"	23'11"			
Static Tipping Load, Straight	kg	13 229	13 153	11 886	11 936			
(With tire deflection)	lb	29,166	28,998	26,204	26,314			
Static Tipping Load, Straight	kg	14 084	14 017	12 639	12 698			
(No tire deflection)	lb	31,050	30,904	27,864	27,994			
Static Tipping Load,	kg	11 190	11 107	9980	10 024			
Articulated (With tire deflection)	lb	24,671	24,487	22,003	22,099			
Static Tipping Load, Articulated	kg	12 064	11 990	10 755	10 808			
(No tire deflection)	lb	26,596	26,435	23,712	23,828			
Breakout Force (§)	kN	114	107	106	105			
	lbf	25,658	24,210	23,948	23,808			
Operating Weight*	kg	21 360	21 452	21 995	21 956			
	lb	47,090	47,293	48,490	48,404			

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

† Illustration shown with Dimension charts.

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

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

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

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

Linkage		Aggregate Handler Linkage			
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges		
Capacity – Rated	m ³	2.90	2.90		
	yd ³	3.75	3.75		
Capacity – Rated at 110% Fill Factor	m ³	3.20	3.20		
	yd ³	4.25	4.25		
Width	mm	3220	3220		
	ft/in	10'6"	10'6"		
16† Dump Clearance at Maximum Lift	mm	2940	2941		
and 45° Discharge	ft/in	9'7"	9'7"		
17† Reach at Maximum Lift and	mm	1362	1361		
45° Discharge	ft/in	4'5"	4'5"		
Reach at Level Lift Arm and	mm	2902	2901		
Bucket Level	ft/in	9'6"	9'6"		
A† Digging Depth	mm	109	108		
	in	4.3"	4.2"		
12† Overall Length	mm	8746	8745		
	ft/in	28'9"	28'9"		
B [†] Overall Height with Bucket at	mm	5730	5722		
Maximum Lift	ft/in	18'10"	18'10"		
Loader Clearance Circle Radius	mm	6927	6947		
with Bucket at Carry Position	ft/in	22'9"	22'10"		
Static Tipping Load, Straight	kg	13 568	13 284		
(With tire deflection)	lb	29,914	29,287		
Static Tipping Load, Straight	kg	14 361	14 076		
(No tire deflection)	lb	31,661	31,032		
Static Tipping Load,	kg	11 505	11 221		
Articulated (With tire deflection)	lb	25,365	24,740		
Static Tipping Load, Articulated	kg	12 318	12 033		
(No tire deflection)	lb	27,158	26,529		
Breakout Force(§)	kN	175	177		
	lbf	39,330	39,890		
Operating Weight*	kg	21 361	21 817		
	lb	47,092	48,098		

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

† Illustration shown with Dimension charts.

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

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

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

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

Fork Specifications

-Payload (SAE J1197)

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 on

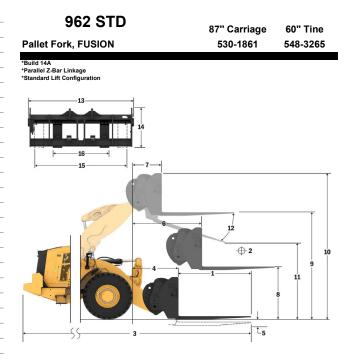
tipping load on firm and level ground or hydraulic limit.

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

-Payload (CEN EN 474-3 - Rough Ter

-O-Static Tipping Load - Articulated ing Load - Straigh -d-Hydraulic Tilt Cap

	•		
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
_		in kg	30.0 10449
	Static Tipping Load - Straight (Forks Level)	lbs	23030
	Static Tipping Load - Articulated (Forks Level)	kg	9009
		lbs kg	19857 4505
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9928
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5406
	· · · · · · · · · · · · · · · · · · ·	lbs kg	11914 7208
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15885
3	Maximum Overall Length	mm	9232
	Ū	in mm	363.5 1376
4	Reach with Forks at Ground Level	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-161
		in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm in	1849 72.8
7	Reach with Fork at Maximum Height	mm	971
	Reach with Fork at Maximum Height	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1769 69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3920
	Ground to Top of The at Maximum Height and Fork Level	in	154.3
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4695 184.9
11	Clearance at Full Lift and Max Dump	mm	2556
		in	100.6
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
		in	87.3 840
14	Overall Carriage Height	mm in	33.1
15	Outside Tine Width (max spread)	mm	2070
	(I),	in	81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm	150.0
		in	5.9
	Tine Thickness	mm in	65.0 2.6
	Tine Consoity	kg	6300
	Tine Capacity	lbs	13885
	Operating Weight	kg Ibs	19792 43621
	+Nie wetten standtenke bedeut mende	ips	43021
	*Negative values indicate below grade		



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

3629 5897 8165 10433 12701 14969 180 4572 4064 160 140 3556 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, Lykricaets and Operator Height (in) 120 3048 6 100 2540 Pin A 80 2032 Ô Hinge (60 1524 40 1016 20 508 * 13. D ۰. 0 0 8000 13000 18000 23000 28000 33000 Capacity (lbs) (Calculated Load at CG Point)



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

Fork Specifications

-Payload (SAE J1197)

-Hydraulic Lift Cap

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, Lubricoste 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 giftry and level ground or

tipping load on firm and level ground or hydraulic limit.

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

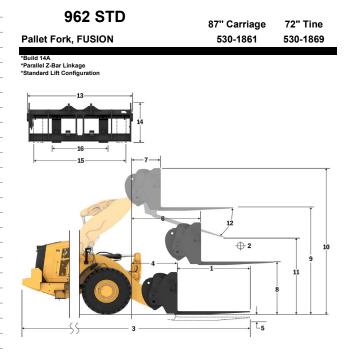
Lubricants, and Operator.

Static Tin -Hydraulic Tilt Cap

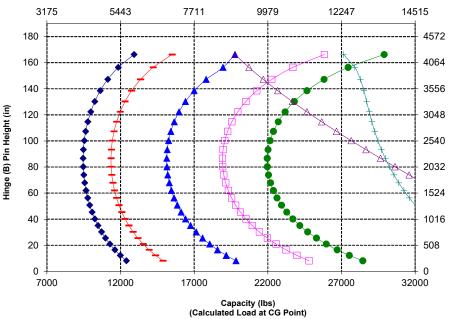
Payload (CEN EN 474-3 - Rough Terra Payload (CEN EN 474-3 - Firm & Level

-Static Tipping Load - Articulater oad - Straigh

1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
		in ka	36.0 9959
	Static Tipping Load - Straight (Forks Level)	lbs	21950
	Static Tipping Load - Articulated (Forks Level)	kg	8581
		lbs	18912 4290
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4290 9456
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5148
	,	lbs	11347
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6865 15129
3	Maximum Overall Length	mm	9538
		in	375.5
4	Reach with Forks at Ground Level	mm in	1376 54.2
-	*One wild be Dettern of Time of Minimum Unight and Fach Laws	mm	-161
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
		in mm	72.8 971
7	Reach with Fork at Maximum Height	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1769
		in mm	69.6 3920
9	Ground to Top of Tine at Maximum Height and Fork Level	in	154.3
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4695
		in	184.9
11	Clearance at Full Lift and Max Dump	mm in	2337 92.0
12	Max Discharge Angle from Horizontal	deg	46
			2217
13	Overall Carriage Width	mm in	87.3
14	Overall Carriage Height	mm	840
	overall carnage height	in	33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
40	Quitaida Tina (Width (min annoad)	mm	470
10	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
		in mm	5.9 65.0
	Tine Thickness	in	2.6
	Tine Capacity	kg	5246
		lbs	11562 19839
	Operating Weight	kg Ibs	43724
	*Negative values indicate below grade		
	Regarite taldes indicate below gidde		



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.

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Pin Height (mm)

Hinge (B)

Fork Specifications

-Payload (SAE J1197)

Lubricants, and Operator.

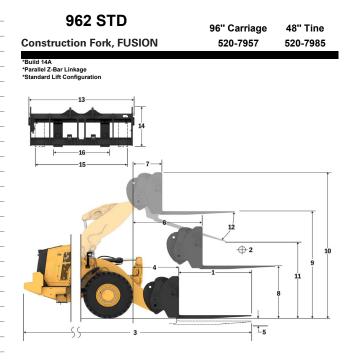
*SAE - Society of Automotive Engineers **CEN - European Committee for

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

-Payload (CEN EN 474-3 - Rough Ter

-O-Static Tipping Load - Articulated Static Tipping Load - Straight

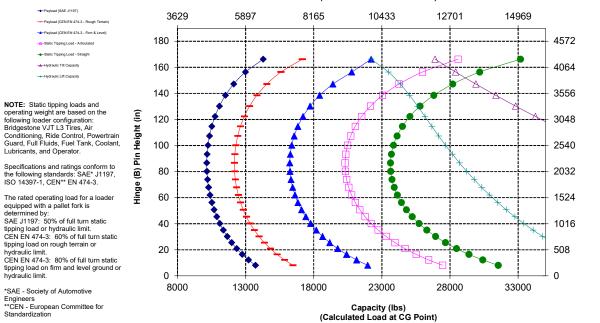
1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
		in ka	24.0
	Static Tipping Load - Straight (Forks Level)	lbs	23623
	Static Tipping Load - Articulated (Forks Level)	kg	9208
		lbs kg	20295 4604
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10148
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5525
	, , , , , , , , , , , , , , , , , , , ,	lbs kg	<u>12177</u> 7367
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16236
3	Maximum Overall Length	mm	8884
	•	in	349.7 1332
4	Reach with Forks at Ground Level	mm in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
	Ground to Bottom of The at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1841
_		mm	72.5 963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	· · · · · · · · · · · · · · · · · · ·	in mm	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in	<u>199.5</u> 2740
11	Clearance at Full Lift and Max Dump	mm in	107.9
12	Max Discharge Angle from Horizontal	deg	52
	max Bissinarge / rigis ironi rienzentai	0	2528
13	Overall Carriage Width	mm in	99.5
14	Overall Carriage Height	mm	1130
	overall carnage neight	in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
40	Outside Tine Width (min spread)	mm	576
10	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Time Thistoper	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	ka	22200
		lbs ka	48929 20101
	Operating Weight	lbs	44302
	*Negative values indicate below grade		



Pin Height (mm)

Hinge (B)

Capacity (kg) (Calculated Load at CG Point)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

- Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tinning Load - Strainht Hydraulic Tilt Capacit

-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.

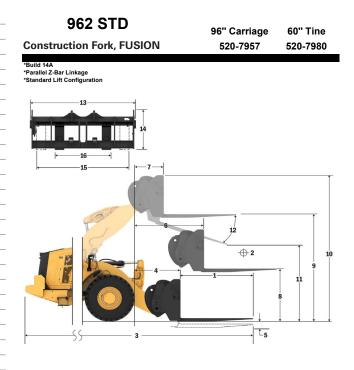
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

tipping load on firm and level ground or hydraulic limit.

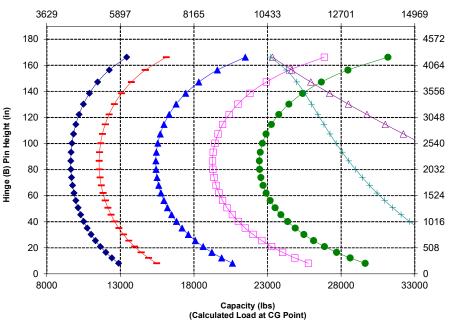
*SAE - Society of Automotive Engineers **CEN - European Committee for

Lubricants, and Operator.

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
		in kg	30.0 10179
	Static Tipping Load - Straight (Forks Level)	lbs	22433
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8735 19252
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4368 9626
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5241 11551
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6988 15402
3	Maximum Overall Length	mm	9189
		in mm	361.8 1333
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm in	2500 98.4
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
	5	in mm	99.5 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178 85.7
40		in mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kq	17800
		lbs kg	39231 20167
	Operating Weight	lbs	44447
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)





Standardization

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

Fork Specifications

-Payload (SAE J1197)

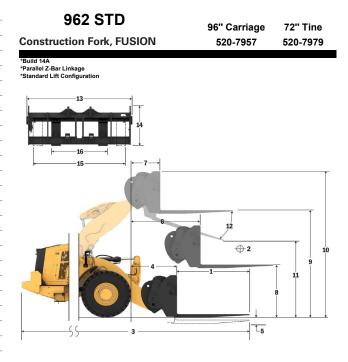
Lubricants, and Operator.

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

-Payload (CEN EN 474-3 - Rough Te

-O-Static Tipping Load - Articulated Static Tipping Load - Straight

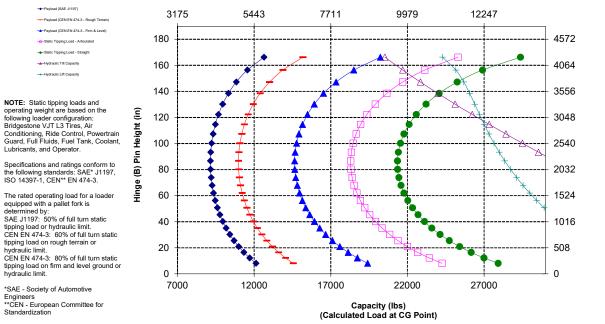
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
		in kg	36.0 9683
	Static Tipping Load - Straight (Forks Level)	lbs	21341
	Static Tipping Load - Articulated (Forks Level)	kg	8300
		lbs	18294
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4150 9147
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4980
		lbs kg	10977 6640
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14635
3	Maximum Overall Length	mm	9494
	·	in	373.8 1333
4	Reach with Forks at Ground Level	mm in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
	Ground to Bottom of The at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1842 72.5
-	Deach with Fach at Maximum Unicht	mm	963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	· · · · · · · · · · · · · · · · · · ·	in mm	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in	199.5 2259
11	Clearance at Full Lift and Max Dump	mm in	88.9
12	Max Discharge Angle from Horizontal	deg	52
		mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
	o roran o annago riolgin	in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm	576
		in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq Ibs	14800 32619
	Operating Weight	ka	20228
	Operating Weight	lbs	44581
	*Negative values indicate below grade		



Pin Height (mm)

Hinge (B)

Capacity (kg) (Calculated Load at CG Point)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Straight Hydraulic Tilt Capacity

-Hydraulic Lift Capacity

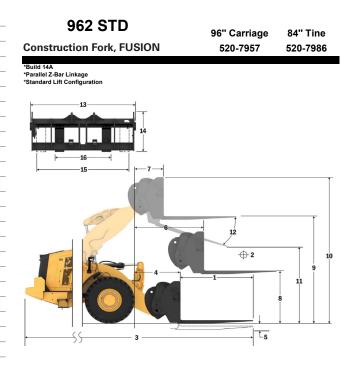
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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 on

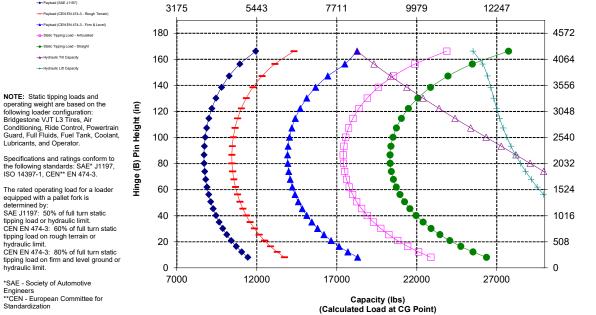
*SAE - Society of Automotive Engineers **CEN - European Committee for

Lubricants, and Operator.

1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
		in kg	42.0 9221
	Static Tipping Load - Straight (Forks Level)	lbs	20322
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	7894 17399
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	3947 8700
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4737 10440
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6316 13920
3	Maximum Overall Length	mm	9799
	•	in mm	385.8 1333
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in mm	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm in	2019 79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
	5	in mm	99.5 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm	576
		in mm	22.7
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	ka Ibs	12700 27991
	Operating Weight	ka Ibs	20291 44720
	*Negative values indicate below grade	105	44720



Capacity (kg) (Calculated Load at CG Point)





Standardization

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

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Fork Specifications

-Payload (SAE J1197)

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

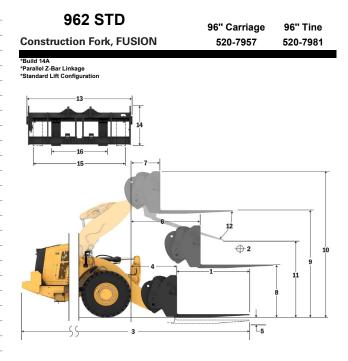
Lubricants, and Operator.

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

-Payload (CEN EN 474-3 - Rough Te

-O-Static Tipping Load - Articulated Static Tipping Load - Straight

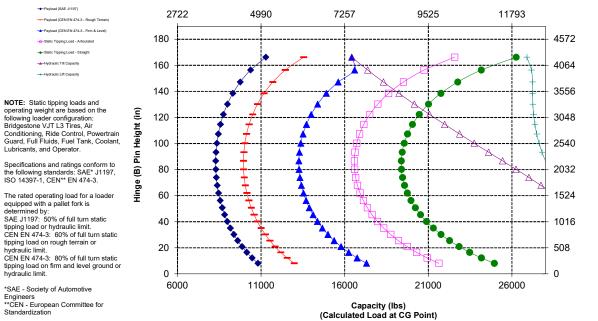
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
_		in	48.0 8792
	Static Tipping Load - Straight (Forks Level)	kg Ibs	19378
	Static Tipping Load - Articulated (Forks Level)	kg	7518
	11 0 ()	lbs kg	16569 3759
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8285
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4511
	· · · · · · · · · · · · · · · · · · ·	lbs kg	9942 6014
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13255
3	Maximum Overall Length	mm	10103
	•	in	397.7 1333
4	Reach with Forks at Ground Level	mm in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
		in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1842 72.5
7	Reach with Fork at Maximum Height	mm	963
	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
9	Ground to rop of The at Maximum Reight and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
		mm	1779
11	Clearance at Full Lift and Max Dump	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
		mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
		in mm	22.7
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 11300
	Tine Capacity	ka Ibs	24905
	Operating Weight	kq	20353
		lbs	44857
	*Negative values indicate below grade		



Pin Height (mm)

Hinge (B)

Capacity (kg) (Calculated Load at CG Point)





Standardization

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

Fork Specifications

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Ter Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Straight

Hydraulic Tilt Capacity

-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.

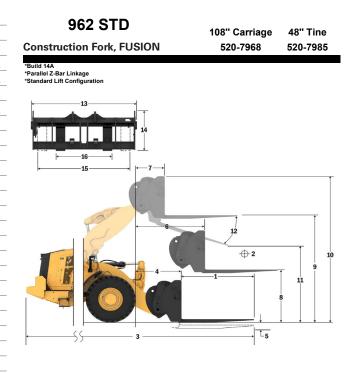
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

tipping load on firm and level ground or hydraulic limit.

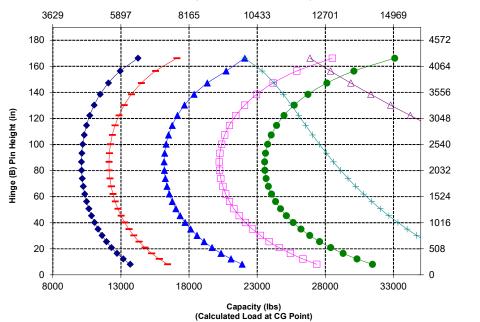
*SAE - Society of Automotive Engineers **CEN - European Committee for

Lubricants, and Operator.

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Static Tipping Load - Straight (Forks Level)	in kg	24.0
	Staud Tipping Load - Straight (Forks Level)	lbs	23533
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9167 20205
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4584 10102
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5500 12123
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7334 16164
3	Maximum Overall Length	mm	8884 349.7
-	Reach with Forks at Ground Level	mm	1332
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	mm	1841
		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in mm	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm in	2740 107.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm	1130
	0 0	in mm	44.5 2493
15	Outside Tine Width (max spread)	in	98.1
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq Ibs	22200 48929
	Operating Weight	kq	20154
		lbs	44418
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

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.

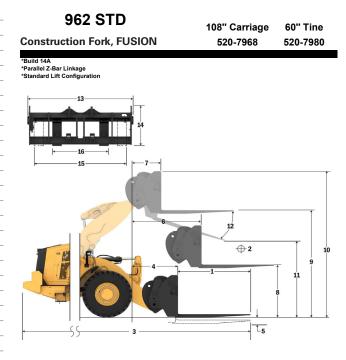
*SAE - Society of Automotive Engineers **CEN - European Committee for

Lubricants, and Operator.

-Payload (CEN EN 474-3 - Rough Te

-O-Static Tipping Load - Articulated Static Tipping Load - Straight

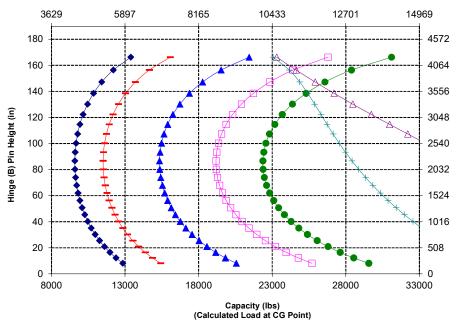
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Obstite Timping Lond Obstight (Feeling Long)	in ka	30.0 10143
	Static Tipping Load - Straight (Forks Level)	lbs	22355
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8700 19174
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4350
		lbs ka	9587 5220
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11504
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6960 15339
_	Maximum Quarell Lan att	mm	9189
3	Maximum Overall Length	in	361.8
4	Reach with Forks at Ground Level	mm in	1333 52.5
-	to such the Detterm of Time of Minimum Unight and Facility and	mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842 72.5
-	Deach with Facts of Maximum Uninte	in mm	963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
		in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	2500
	· ·	in	98.4
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
		in mm	<u>111.5</u> 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
40	Outside Time Middle (min sums al)	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	17800 39231
	Operating Weight	kg	20216
		lbs	44555
	*Negative values indicate below grade		



Pin Height (mm)

Hinge (B)

Capacity (kg) (Calculated Load at CG Point)





Standardization

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

Fork Specifications

-Payload (SAE J1197)

---- Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

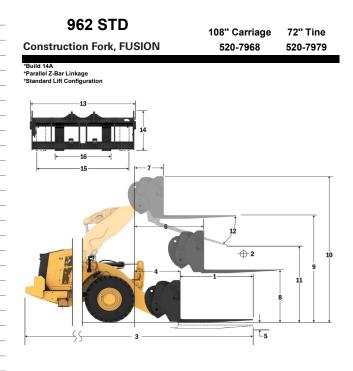
Static Tipping Load - Straight Hydraulic Tilt Capacity

-Hydraulic Lift Capacity

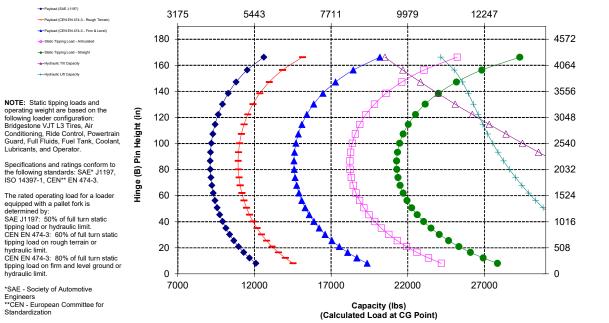
Lubricants, and Operator.

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

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
	Statis Tinning Load Straight (Farks Lovel)	in kg	36.0 9648
	Static Tipping Load - Straight (Forks Level)	lbs	21264
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8265 18217
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4133 9109
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4959 10930
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6612 14574
3	Maximum Overall Length	mm in	9494 373.8
4	Reach with Forks at Ground Level	mm	1333
		in mm	<u>52.5</u> -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1842 72.5
7	Reach with Fork at Maximum Height	mm	963
<u> </u>	5	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	2259 88.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm	1130
	overall carriage neight	in	44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm	180.0 7.1
	Tine Thickness	mm	90.0
		in kg	3.5 14800
	Tine Capacity	lbs	32619
	Operating Weight	ka Ibs	20278 44692
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

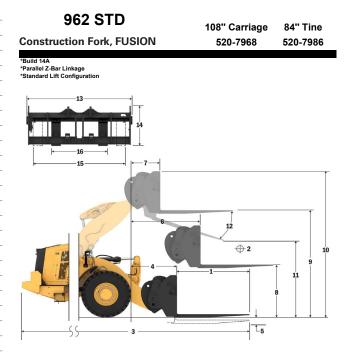
Lubricants, and Operator.

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

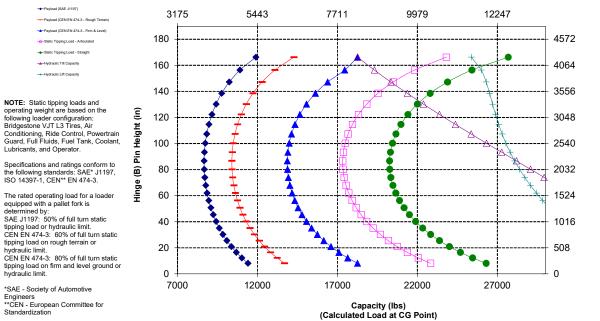
-Payload (CEN EN 474-3 - Rough Te

-O-Static Tipping Load - Articulated Static Tipping Load - Straight

1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
		in	42.0 9188
	Static Tipping Load - Straight (Forks Level)	kg Ibs	20250
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	7862 17328
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3931
		lbs	8664
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4717 10397
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6290
	· · · · · · · · · · · · · · · · · · ·	lbs mm	13862 9799
3	Maximum Overall Length	in	385.8
4	Reach with Forks at Ground Level	mm	1333
		in mm	<u>52.5</u> -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
		in mm	72.5 963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
9	Ground to Top of Tine at Maximum Height and Fork Level	in mm	73.8
9	Ground to Top of The at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	2019
		in	79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
		in mm	<u>111.5</u> 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	,	in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	12700 27991
	Operating Weight	kg	20340
		lbs	44828
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tinning Load - Strainht Hydraulic Tilt Capacity

-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.

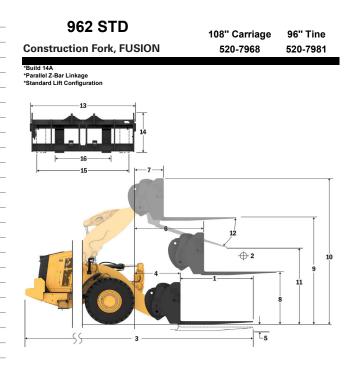
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

tipping load on firm and level ground or hydraulic limit.

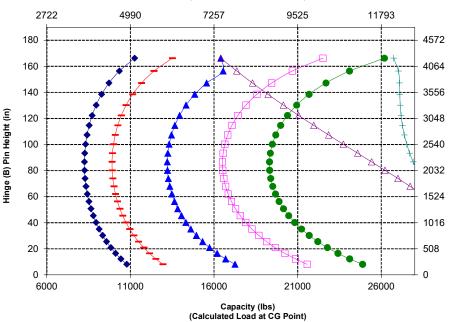
*SAE - Society of Automotive Engineers **CEN - European Committee for

Lubricants, and Operator.

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0 8760
	Static Tipping Load - Straight (Forks Level)	kg Ibs	19307
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	7486 16498
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	3743 8249
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4491 9899
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	5988 13199
3	Maximum Overall Length	mm	10103 397.7
		mm	1333
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in mm	73.8 4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm in	1779 70.0
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
		in mm	<u>111.5</u> 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg	11300
	On another a Washed	lbs kg	24905 20403
	Operating Weight	lbs	44967
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)





Standardization

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

53

					Cons	struction	Fork, F	USION 962 STD Material Handling Arm, FUSIO
MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended	*Build 14A *Parallel Z-Bar Linkage
	mm	2,386	2,539	2,692	2,845	2,998	3,151	*Standard Lift Configuration
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	7' 9"	8' 3"	8' 9"	9' 4"	9' 10"	10' 4"	<u> </u>
	mm	6,963	7,226	7,490	7,754	8,017	8,281	
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 6"	25' 5"	26' 3"	27' 2"	
	mm	4,708	5,013	5,317	5,622	5,927	6,232	
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	ft, in	15' 5"	16' 5"	17' 5"	18' 5"	19' 5"	20' 5"	
	mm	1,839	1,839	1,839	1,839	1,839	1,839	
Level - Hook Eyelet Height (19)	ft, in	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	Fact -
	mm	2,511	2,688	2,866	3,043	3,221	3,399	
/lin Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"	
	mm	(2,614)	(2,862)	(3,109)	(3,357)	(3,605)	(3,852)	
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 5"	-9' 7"	-10' 9"	-11' 11"	-11' 2"	-12' 4"	
	kg	6,554	6,205	5,890	5,604	5,344	5,107	
Static Tipping Load, Straight	lb	14,446	13,675	12,981	12,351	11,779	11,255	
Nation Time in a long Antiou lateral	kg	5,665	5,362	5,088	4,841	4,616	4,410	
Static Tipping Load, Articulated	lb	12,485	11,817	11,215	10,669	10,173	9,719	← 20 →
D	kg	19,550	19,550	19,550	19,550	19,550	19,550	
Operating Weight	lb	43,087	43,087	43,087	43,087	43,087	43,087	← 23 → ↓ ↓ ↓ ↓

-Extension 1

-Extension 2

Extension 3

-Extension 4

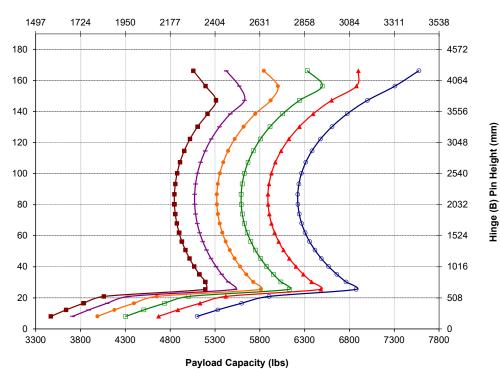
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

Hinge (B) Pin Height (in)

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



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

289-9885 6 Position

(Calculated Load at CG Point)

Fork Specifications

-Payload (SAE J1197)

Lubricants, and Operator.

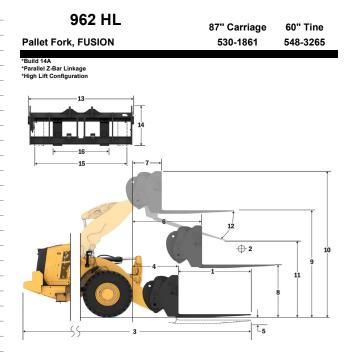
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

-Payload (CEN EN 474-3 - Rough Terr

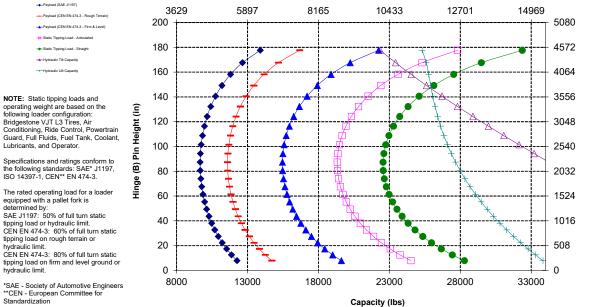
- Static Tipping Load - Articulater

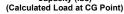
ina Load - Straigh Static Tio Hydraulic Lift Cap

	•		
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
_		in kg	30.0 10229
	Static Tipping Load - Straight (Forks Level)	lbs	22546
	Static Tipping Load - Articulated (Forks Level)	kg	8766
		lbs kg	19320 4383
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9660
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5259
	,	lbs kg	11592 7013
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15456
3	Maximum Overall Length	mm	9617
	5	in	378.6 1699
4	Reach with Forks at Ground Level	mm in	66.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-167
		in	-6.6
6	Reach with Arms Horizontal and Forks Level	mm in	2127 83.7
7	Reach with Fork at Maximum Height	mm	1072
	Reach with Fork at Maximum Height	in	42.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1769 69.6
9	Cround to Top of Tipp at Maximum Height and Fark Lavel	mm	4209
9	Ground to Top of Tine at Maximum Height and Fork Level	in	165.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4984 196.2
		mm	2884
11	Clearance at Full Lift and Max Dump	in	113.5
12	Max Discharge Angle from Horizontal	deg	44
		mm	2217
13	Overall Carriage Width	in	87.3
14	Overall Carriage Height	mm	840
		in mm	33.1 2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
		in mm	18.5 150.0
	Tine Width (single tine)	in	5.9
_	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg Ibs	6300 13885
	Operating Weight	kg	20463
		lbs	45101
	*Negative values indicate below grade		



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.

Pin Height (mm)

Ð

Hinge (I

Fork Specifications

-Payload (SAE J1197)

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, Lubricoste 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 giftry and level ground or

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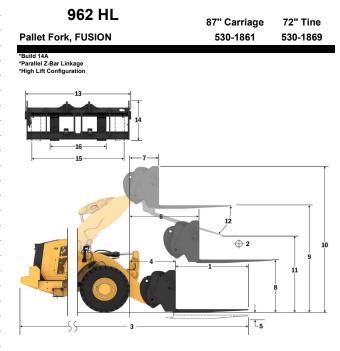
Lubricants, and Operator.

Static Tio -Hydraulic Tilt Cap -Hydraulic Lift Cap

Payload (CEN EN 474-3 - Rough Terrai

Payload (CEN EN 474-3 - Firm & Level -Static Tipping Load - Articulate oad - Straigh

	•		
1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9779
	11 5 5 ()	lbs	21554 8373
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	18455
		kg	4187
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9228
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5024
		lbs	11073
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6699 14764
		mm	9923
3	Maximum Overall Length	in	390.7
4	Reach with Forks at Ground Level	mm	1699
4		in	66.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-167
		in	-6.6
6	Reach with Arms Horizontal and Forks Level	mm	2127
		in mm	83.7 1072
7	Reach with Fork at Maximum Height	in	42.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1769
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4209
		in	165.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4984 196.2
		mm	2672
11	Clearance at Full Lift and Max Dump	in	105.2
12	Max Discharge Angle from Horizontal	deg	44
		mm	2217
13	Overall Carriage Width	in	87.3
	Quantum Quantic and Ulainet	mm	840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
		in	81.5
16	Outside Tine Width (min spread)	mm	470
		in mm	18.5 150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
	1110 1110/11035	in	2.6
	Tine Capacity	kg	5246
		lbs	11562
	Operating Weight	kg Ibs	20510 45204
		IDS	40204
	*Negative values indicate below grade		

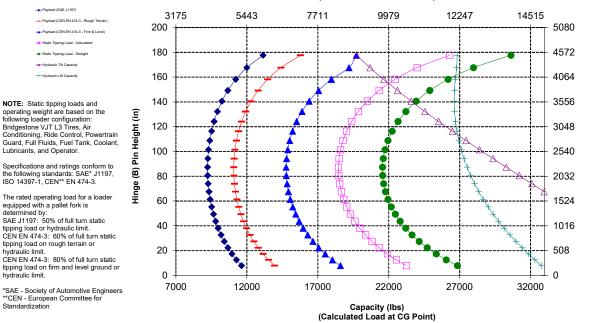


Pin Height (mm)

Ô

Hinge (

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

-Payload (SAE J1197)

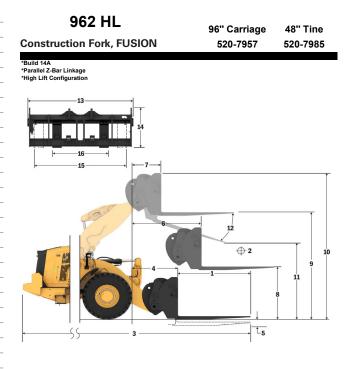
-Payload (CEN EN 474-3 - Rough Te

Static Tipping Load - Straight -----Hydraulic Lift Capacit

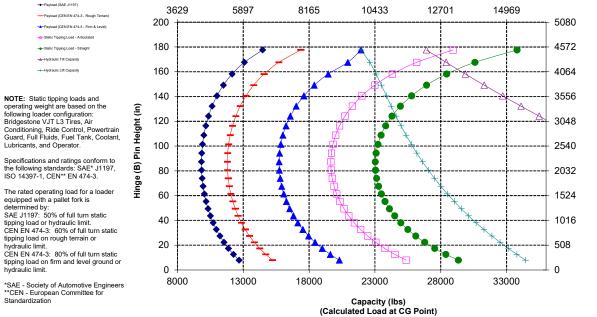
Lubricants, and Operator.

-O-Static Tipping Load - Articulated

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Static Tipping Load - Straight (Forks Level)	in kg	24.0 10444
		lbs	23019 8915
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	19648
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4457 9824
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5349
	,	lbs kg	<u>11789</u> 7132
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15718
3	Maximum Overall Length	mm	9272
		in mm	365.0 1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-86 -3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
	Reach with Arms Honzontal and Forks Level	in	83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in mm	73.8 4315
9	Ground to Top of Tine at Maximum Height and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355 210.8
44	Clearance at Full Lift and May Dump	in mm	3057
11	Clearance at Full Lift and Max Dump	in	120.4
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2528
		in mm	<u>99.5</u> 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm	576
-10	Outside Tille Width (Tilli'i spread)	in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0 3.5
	Tine Canacity	in ka	22200
	Tine Capacity	lbs	48929
	Operating Weight	ka Ibs	20772 45782
	*Negative values indicate below grade	IDS	+3702
	Negative values indicate below gidde		



Capacity (kg) (Calculated Load at CG Point)





Standardization

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

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Fork Specifications

-Payload (SAE J1197)

---- Payload (CEN EN 474-3 - Rough Ter

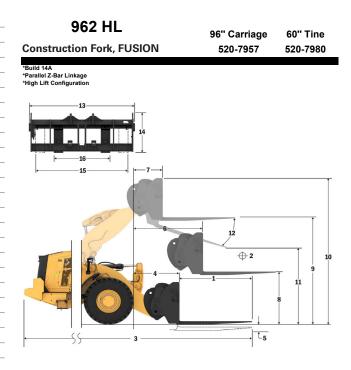
Static Tipping Load - Straight -Hydraulic Tilt Capacity -Hydraulic Lift Capacity

Lubricants, and Operator.

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

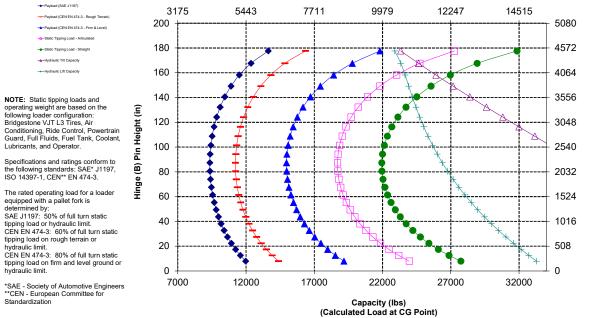
Pavload (CEN EN 474-3 - Firm & Level

•••			
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Otatia Tinaina Land. Otariakt (Fasta Laval)	in kg	30.0 9951
	Static Tipping Load - Straight (Forks Level)	lbs	21931
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8483 18697
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4242 9349
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5090 11218
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6787 14958
3	Maximum Overall Length	mm	9577 377.1
4	Reach with Forks at Ground Level	mm	1659
<u> </u>		in mm	65.3 -86
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm	1064
<u> </u>	Ū	in	41.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4315 169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355 210.8
11	Clearance at Full Lift and Max Dump	mm in	2823 111.1
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm	1130
		in	44.5 2178
15	Outside Tine Width (max spread)	mm in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	17800 39231
	Operating Weight	ka Ibs	20838 45927
	*Negative values indicate below grade		



Hinge (B) Pin Height (mm)

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

-Payload (SAE J1197)

-Payload (CEN EN 474-3 - Rough Ter

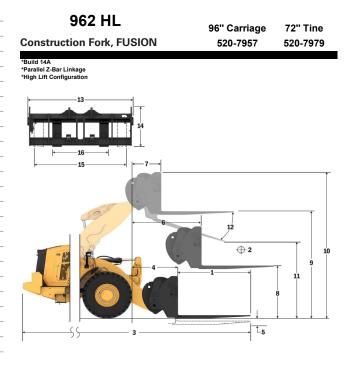
Static Tipping Load - Straight

-----Hydraulic Lift Capacit

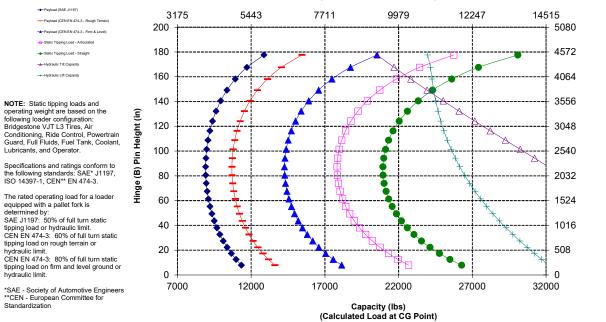
Lubricants, and Operator.

-O-Static Tipping Load - Articulated

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
		in kg	36.0 9495
	Static Tipping Load - Straight (Forks Level)	lbs	20926
	Static Tipping Load - Articulated (Forks Level)	kg	8085
	11 0 ()	lbs	17819 4043
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	8910
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4851
	· · · · · · · · · · · · · · · · · · ·	lbs kg	10692 6468
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14256
3	Maximum Overall Length	mm	9882
	•	in	389.1 1659
4	Reach with Forks at Ground Level	mm in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
	Ground to Bottom of The at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
_		mm	1064
7	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	· · · · · · · · · · · · · · · · · · ·	in mm	73.8 4315
9	Ground to Top of Tine at Maximum Height and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355
		in	210.8 2589
11	Clearance at Full Lift and Max Dump	mm in	101.9
12	Max Discharge Angle from Horizontal	deg	50
		mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
	o roran o a mago riolgin	in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm	576
		in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq Ibs	14800 32619
	Operating Weight	ka	20899
	Operating Weight	lbs	46061
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)



(B) Pin Height (mm) Hinge (



Standardization

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

Fork Specifications

-Payload (SAE J1197)

-Payload (CEN EN 474-3 - Rough Ter

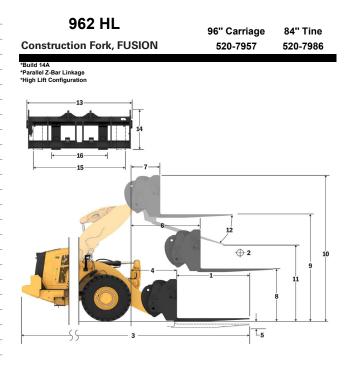
Static Tipping Load - Straight -----Hydraulic Lift Capacit

Lubricants, and Operator.

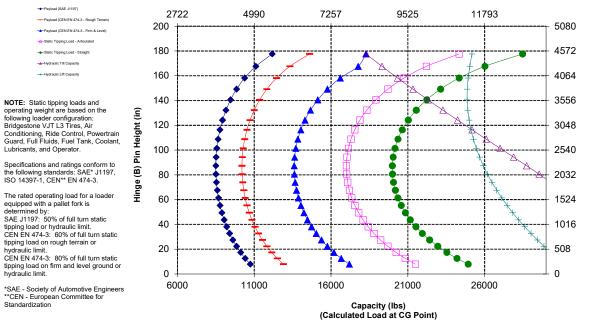
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

-O-Static Tipping Load - Articulated

1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
		in	42.0 9067
	Static Tipping Load - Straight (Forks Level)	kg Ibs	19984
	Static Tipping Load - Articulated (Forks Level)	kg	7711
	11 0 ()	lbs kg	16994 3855
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8497
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4626 10197
		kg	6169
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13595
3	Maximum Overall Length	mm	10187
		in mm	401.1 1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
		in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm	1064
	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
9	Ground to Top of The at Maximum Height and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355 210.8
		in mm	2355
11	Clearance at Full Lift and Max Dump	in	92.7
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
45	Quitaida Tina Width (may annead)	mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg	12700
		lbs	27991
	Operating Weight	kq Ibs	20962 46200
	*Negative values indicate below grade	100	70200



Capacity (kg) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

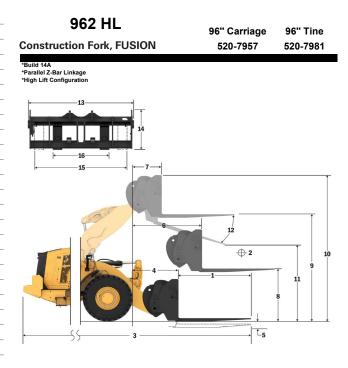
Payload (CEN EN 474-3 - Rough Ter

Static Tipping Load - Straight -Hydraulic Tilt Capacity -Hydraulic Lift Capacity

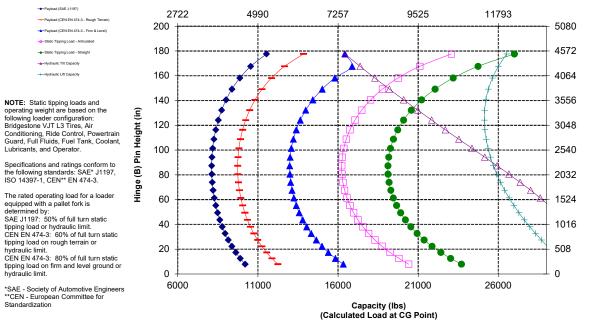
Lubricants, and Operator.

Pavload (CEN EN 474-3 - Firm & Level

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in kg	48.0 8668
	Static Tipping Load - Straight (Forks Level)	lbs	19105
	Static Tipping Load - Articulated (Forks Level)	kg	7361
		lbs kg	16225 3681
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8112
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4417
	, ,	lbs kg	9735 5889
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	12980
3	Maximum Overall Length	mm	10491
_	5	in	413.0 1659
4	Reach with Forks at Ground Level	mm in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
	Ground to Bottom of thre at Minimum freight and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm	1064
	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
_	One was the Tange of Time and Maximum Uniob the and Family Level	mm	4315
9	Ground to Top of Tine at Maximum Height and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355
		in mm	210.8 2122
11	Clearance at Full Lift and Max Dump	in	83.5
12	Max Discharge Angle from Horizontal	deg	50
		mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
	5 5	in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)		
16	Outside Tine Width (min spread)	in	22.7
16	Outside Tine Width (min spread) Tine Width (single tine)		22.7 180.0
16	Tine Width (single tine)	in mm in mm	22.7 180.0 7.1 90.0
16		in mm in mm in	22.7 180.0 7.1 90.0 3.5
16	Tine Width (single tine)	in mm in mm in kq	22.7 180.0 7.1 90.0 3.5 11300
16	Tine Width (single tine) Tine Thickness Tine Capacity	in mm in mm in	22.7 180.0 7.1 90.0 3.5
16	Tine Width (single tine) Tine Thickness	in mm in in ka Ibs	22.7 180.0 7.1 90.0 3.5 11300 24905



Capacity (kg) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)



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

Fork Specifications

-Payload (SAE J1197)

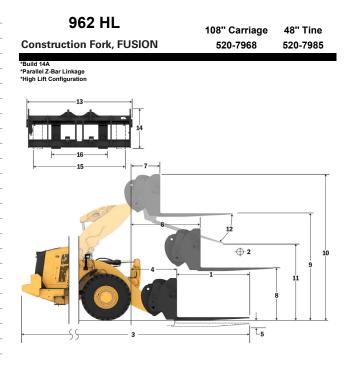
-Payload (CEN EN 474-3 - Rough Te

-O-Static Tipping Load - Articulated

Static Tipping Load - Straight -----Hydraulic Lift Capacit

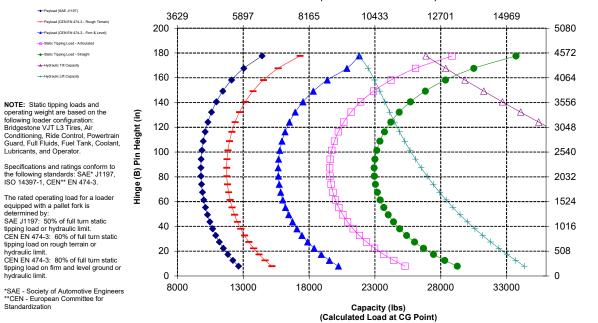
Lubricants, and Operator.

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Static Tipping Load - Straight (Forks Level)	in kg	24.0 10403
	Static Tipping Load - Straight (Forks Level)	lbs	22927
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8873 19556
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4436 9778
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5324 11733
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7098 15644
3	Maximum Overall Length	mm	9272 365.0
4	Reach with Forks at Ground Level	mm	1659
	· · · · · · · · · · · · · · · · · · ·	in mm	65.3 -86
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in mm	73.8 4315
9	Ground to Top of Tine at Maximum Height and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5355 210.8
11	Clearance at Full Lift and Max Dump	mm in	3057 120.4
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2833
		in mm	<u>111.5</u> 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2493 98.1
16	Outside Tine Width (min spread)	mm	590
		in mm	23.2
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kq	22200
		lbs	48929
	Operating Weight	kq Ibs	20825 45898
	*Negative values indicate below grade		



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

---- Payload (CEN EN 474-3 - Rough Ter

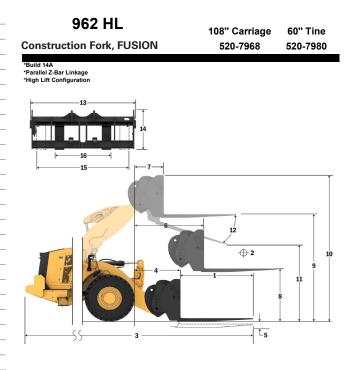
Static Tipping Load - Straight -Hydraulic Tilt Capacity -Hydraulic Lift Capacity

Lubricants, and Operator.

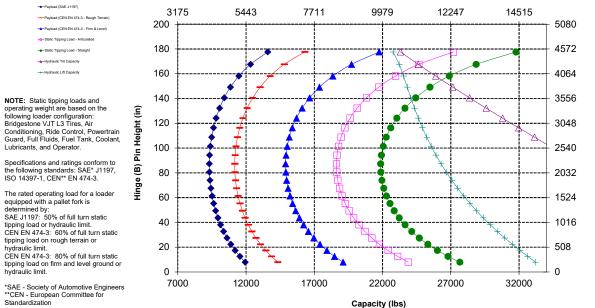
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

Pavload (CEN EN 474-3 - Firm & Level

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
		in kg	<u>30.0</u> 9914
	Static Tipping Load - Straight (Forks Level)	lbs	21851
	Static Tipping Load - Articulated (Forks Level)	kg	8447
		lbs kg	18617 4223
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9308
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5068 11170
	Detection and (OEN EN 474.2 First and Laural Oracida 2009 (ETOTIA)	kg	6758
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14894
3	Maximum Overall Length	mm in	9577 377.1
		mm	1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
		in mm	-3.4 2119
6	Reach with Arms Horizontal and Forks Level	in	83.4
7	Reach with Fork at Maximum Height	mm	1064
	5	in mm	41.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
		in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5355 210.8
11	Clearance at Full Lift and Max Dump	mm	2823
		in	111.1
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2833
	5	in mm	<u>111.5</u> 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	()	in	7.1 90.0
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kq	17800
		lbs	39231
	Operating Weight	ka Ibs	20887 46035
	*Negative values indicate below grade		
	Hogaire raides indicate below grade		



Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)



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

Fork Specifications

-Payload (SAE J1197)

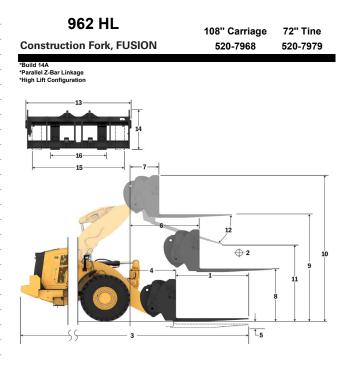
-Payload (CEN EN 474-3 - Rough Ter

Static Tipping Load - Straight -----Hydraulic Lift Capacit

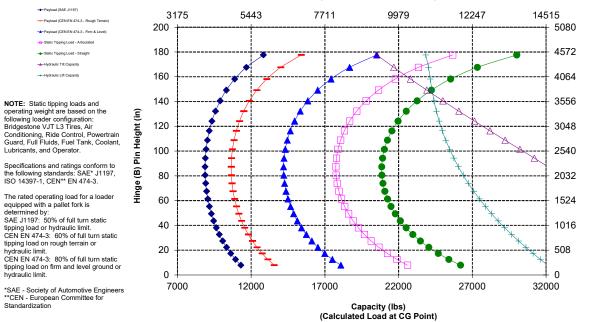
Lubricants, and Operator.

-O-Static Tipping Load - Articulated

_			
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
		in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9459 20847
		lbs kg	8049
	Static Tipping Load - Articulated (Forks Level)	lbs	17740
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4024
	· · · · ·	lbs	8870 4829
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4829
	Reted Load (CEN EN 474.2 Firm and Lovel Cround 900/ FTSTL)	kg	6439
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14192
3	Maximum Overall Length	mm	9882
	5	in mm	389.1 1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Pottom of Tino at Minimum Usight and Fark Laur	mm	-86
	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
		in mm	83.4
7	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
0	Ground to Top of this with Affils FionZonial and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
	-	in mm	169.9 5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	210.8
11	Clearance at Full Lift and Max Dump	mm	2589
	cloarance at run Ent and max Dump	in	101.9
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
		in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq	14800
		lbs	32619 20949
	Operating Weight	kq Ibs	20949 46172
	*Negative values indicate below grade	.00	
	Negative values illuicate below grade		



Capacity (kg) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)



Standardization

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

Fork Specifications

-Payload (SAE J1197)

---- Payload (CEN EN 474-3 - Rough Ter

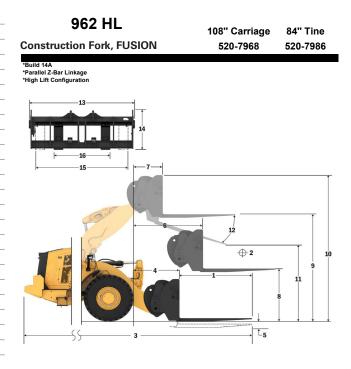
Static Tipping Load - Straight -Hydraulic Tilt Capacity -Hydraulic Lift Capacity

Lubricants, and Operator.

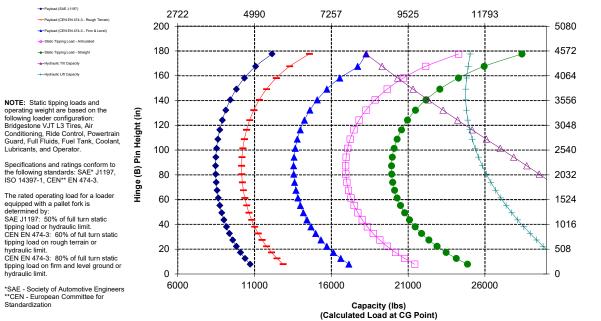
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

Pavload (CEN EN 474-3 - Firm & Level

1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
		in kg	42.0 9033
	Static Tipping Load - Straight (Forks Level)	lbs	19909
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	7677 16920
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3838
		lbs kg	8460 4606
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10152
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6142
	· · · · · · · · · · · · · · · · · · ·	lbs mm	13536 10187
3	Maximum Overall Length	in	401.1
4	Reach with Forks at Ground Level	mm in	1659
-	tonund to Botton of Time of Minimum Uninkt and Fordal and	mm	65.3 -86
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
7	Reach with Fork at Maximum Height	mm	1064
	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
		in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5355 210.8
11	Clearance at Full Lift and Max Dump	mm	2355
		in	92.7
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2833 111.5
		in mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm	590
		in	23.2
	Tine Width (single tine)	mm in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 12700
	Tine Capacity	lbs	27991
	Operating Weight	kq	21011
		lbs	46308
	*Negative values indicate below grade		



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

-Payload (SAE J1197)

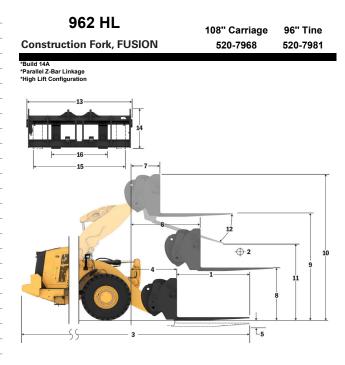
-Payload (CEN EN 474-3 - Rough Te

-O-Static Tipping Load - Articulated

Static Tipping Load - Straight -----Hydraulic Lift Capacit

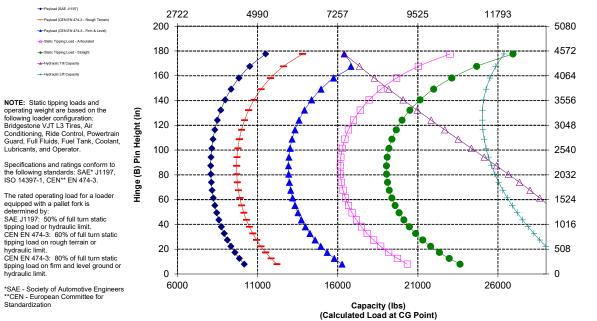
Lubricants, and Operator.

	•		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	8635 19031
		kg	7328
	Static Tipping Load - Articulated (Forks Level)	lbs	16151
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3664
		lbs	8075
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4397 9691
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5862
	Raled Load (CEN EN 474-3 FIIII and Level Glound - 60% F131L)	lbs	12921
3	Maximum Overall Length	mm	10491
	•	in mm	413.0 1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
- 5	Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
		in	83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	Ground to Top of Time with Arms Honzontal and Pork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
	1 3	in	169.9 5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	210.8
44	Clearance at Full Lift and Max Dump	mm	2122
11	Clearance at Full Lilt and Max Dump	in	83.5
12	Max Discharge Angle from Horizontal	deg	50
		mm	2833
13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in ka	3.5 11300
	Tine Capacity	lbs	24905
	Operating Weight	kg	21074
	Operating Weight	lbs	46447
	*Negative values indicate below grade		



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)



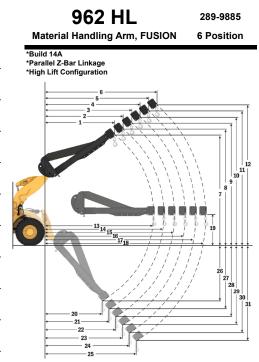
Standardization

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

962 Wheel Loader Specifications

Fork Specifications

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
	mm	2,460	2,611	2,761	2,912	3,062	3,213
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	8' 0"	8' 6"	9' 0"	9' 6"	10' 0"	10' 6"
	mm	7,270	7,535	7,800	8,065	8,330	8,595
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	ft, in	23' 10"	24' 8"	25' 7"	26' 5"	27' 3"	28' 2"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,985	5,290	5,595	5,900	6,204	6,509
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	ft, in	16' 4"	17' 4"	18' 4"	19' 4"	20' 4"	21' 4"
Level - Hook Eyelet Height (19)	mm	1,839	1,839	1,839	1,839	1,839	1,839
	ft, in	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"
	mm	2,812	2,987	3,161	3,336	3,510	3,685
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	9' 2"	9' 9"	10' 4"	10' 11"	11' 6"	12' 1"
Min Life, Lingle Eveloptilising (20, 27, 20, 20, 20, 24)	mm	(2,641)	(2,891)	(3,141)	(3,391)	(3,641)	(3,891)
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 4"	-9' 6"	-10' 8"	-11' 10"	-11' 0"	-12' 2"
Static Tipping Load, Straight	kg	6,611	6,275	5,970	5,693	5,439	5,207
Staud Tipping Load, Straight	lb	14,572	13,830	13,158	12,547	11,988	11,476
Static Tipping Load Articulated	kg	5,681	5,391	5,128	4,889	4,671	4,470
Static Tipping Load, Articulated	lb	12,522	11,882	11,303	10,776	10,295	9,853
Operating Weight	kg	20,221	20,221	20,221	20,221	20,221	20,221
Operating Weight		44,567	44,567	44,567	44,567	44,567	44,567



-Extension 2

-Extension 3

-Extension 4

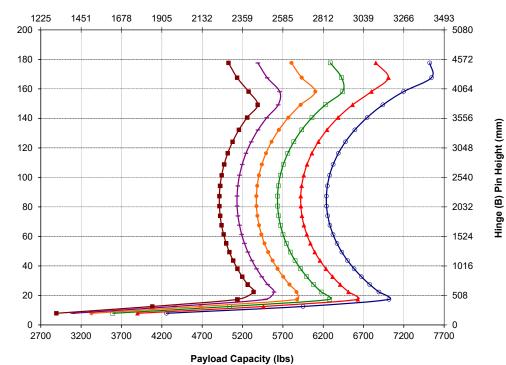
-Extended

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. Hinge (B) Pin Height (in)

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



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

(Calculated Load at CG Point)

Fork Specifications

-Payload (SAE J1197)

-Hydraulic Lift Cap

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, Lubricoste 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 giftrm and level ground on

tipping load on firm and level ground or hydraulic limit.

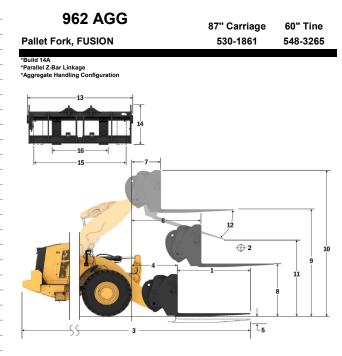
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization

Lubricants, and Operator.

Payload (CEN EN 474-3 - Rough Terra Payload (CEN EN 474-3 - Firm & Level

-Static Tipping Load - Articulater nad - Straigh -Hydraulic Tilt Cap

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762 30.0
	Static Tipping Load - Straight (Forks Level)	kg	11282
		lbs	24865 9700
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	21379
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4850 10690
	Detect Local (OEN EN 474 0 Device Terreir - 000/ ETOTI)	ka	5820
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12828
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7760 17103
3	Maximum Overall Length	mm	9294
		in	365.9
4	Reach with Forks at Ground Level	mm in	1376 54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-161
	Ground to Bottom of Time at Minimum Height and Fork Level	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm in	1849 72.8
7	Reach with Fork at Maximum Height	mm	971
	Reach with Fork at Maximum Height	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1769 69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3920
		in mm	154.3 4695
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	184.9
11	Clearance at Full Lift and Max Dump	mm	2556
	•	in	100.6
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
	Querrall Querrie en Illeicht	in mm	87.3 840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
40	Outside Tine Width (min spread)	mm	470
10		in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg Ibs	6300 13885
	Operating Weight	kg	20369
		lbs	44892
	*Negative values indicate below grade		

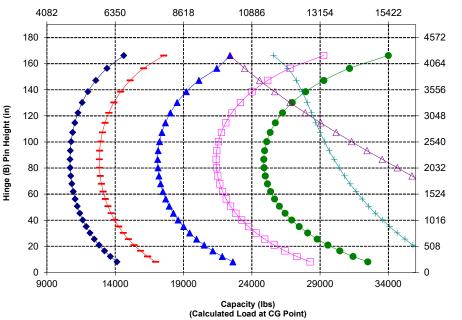


Pin Height (mm)

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Hinge (

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

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Terr Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Articu nad - Straigh -Hydraulic Tilt Cap

raulic Lift Cap

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, Lubricoste and Operator

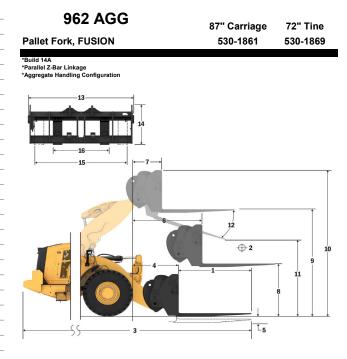
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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 giftrm and level ground on

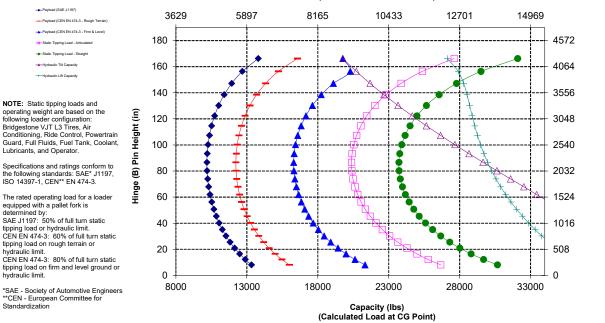
tipping load on firm and level ground or hydraulic limit.

Lubricants, and Operator.

	•		
1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Static Tinning Load Straight (Farks Lovel)	in kg	36.0 10757
	Static Tipping Load - Straight (Forks Level)	lbs	23709
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9243 20372
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4621 10186
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5546 12223
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7394 16297
3	Maximum Overall Length	mm	9600 378.0
4	Reach with Forks at Ground Level	in mm	1376
4	Reach with Forks at Ground Level	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-161 -6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
		in mm	72.8 971
7	Reach with Fork at Maximum Height	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1769 69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3920 154.3
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4695 184.9
11	Clearance at Full Lift and Max Dump	mm	2337 92.0
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
	•	in mm	87.3 840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
16	Outside Tine Width (min spread)	mm	470
10		in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm	65.0
		in ka	2.6 5246
	Tine Capacity	lbs	11562
_	Operating Weight	kg Ibs	20416 44996
	*Nogative velues indicate below grade	IDS	44990
	*Negative values indicate below grade		



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.

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Pin Height (mm)

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Hinge (

Fork Specifications

-Payload (SAE J1197)

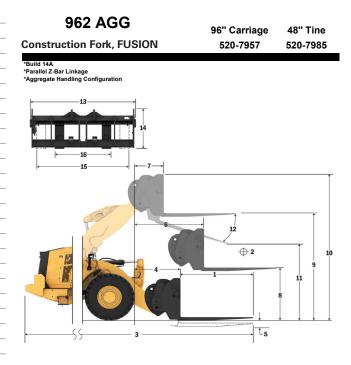
Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tinning Load - Strainht Hydraulic Tilt Capacit

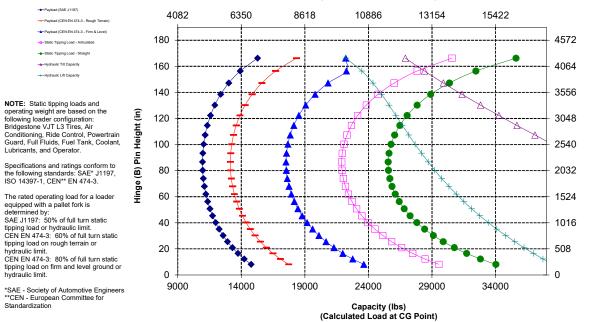
-Hydraulic Lift Capacity

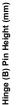
Lubricants, and Operator.

	•		
1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
		in kg	24.0 11590
	Static Tipping Load - Straight (Forks Level)	lbs	25545
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9931 21888
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4966
	. ,	lbs kg	10944 5959
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13133
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7945 17511
_	Maximum Quantill an eth	mm	8946
3	Maximum Overall Length	in	352.2
4	Reach with Forks at Ground Level	mm in	1332 52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
- 5	Ground to Bollom of Time at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1841 72.5
7	Reach with Fork at Maximum Height	mm	963
	Treach with tork at Maximum height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
		in	158.5 5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	199.5
11	Clearance at Full Lift and Max Dump	mm in	2740 107.9
12	Max Discharge Angle from Horizontal	deg	52
		mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine (Midth (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kq	22200
		lbs	48929
	Operating Weight	kq Ibs	20678 45573
	*Negative values indicate below grade		



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

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Straight

Hydraulic Tilt Capacity

-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

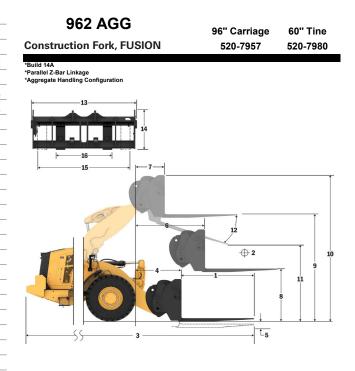
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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 firm and level ground or

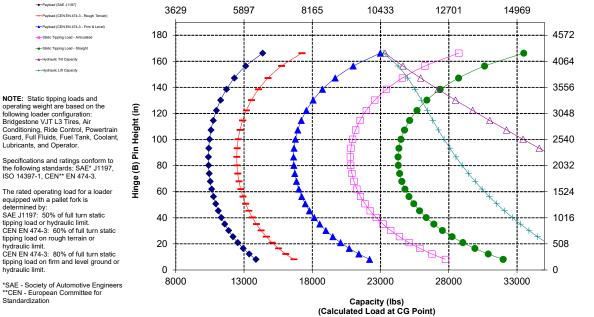
tipping load on firm and level ground or hydraulic limit.

Lubricants, and Operator.

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Static Tipping Load - Straight (Forks Level)	in kg	<u>30.0</u> 11013
	Static Tipping Load - Straight (Forks Level)	lbs	24273
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9427 20777
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4714 10389
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5656 12466
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7542 16622
3	Maximum Overall Length	mm in	9251 364.2
4	Reach with Forks at Ground Level	mm	1333
		in mm	52.5 -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1842 72.5
7	Reach with Fork at Maximum Height	mm	963
		in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026 158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	2500 98.4
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0 3.5
	Tine Capacity	kg	17800
		lbs	39231
	Operating Weight	ka Ibs	20744 45719
	*Negative values indicate below grade		



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

-Payload (SAE J1197)

---- Payload (CEN EN 474-3 - Rough Ter Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Straight Hydraulic Tilt Capacity

-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.

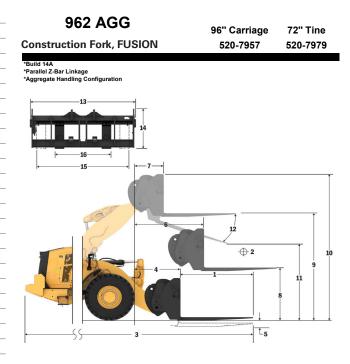
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

tipping load on firm and level ground or hydraulic limit.

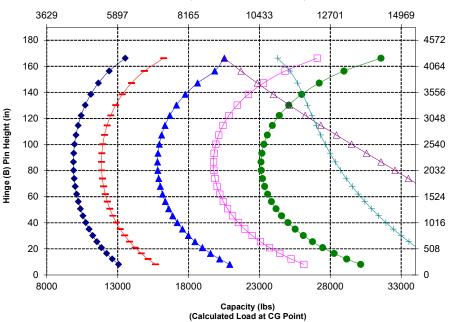
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization

Lubricants, and Operator.

	•		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
_		in kg	36.0 10483
	Static Tipping Load - Straight (Forks Level)	lbs	23104
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8964 19757
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4482
	Raled Load (SAE J1197 - 50% F131L)	lbs	9878
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5378 11854
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7171
	Trated Load (OEIN EIN 474-01 IIII and Level Globin - 50 % 1 101E)	lbs	15805
3	Maximum Overall Length	mm in	9556 376.2
4	Reach with Forks at Ground Level	mm	1333
		in mm	52.5 -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
		in mm	72.5
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in mm	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in mm	199.5 2259
11	Clearance at Full Lift and Max Dump	in	88.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm	2178
		in mm	85.7 576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	()	in	7.1 90.0
	Tine Thickness	mm in	3.5
	Tine Capacity	kg	14800
		lbs kg	32619 20805
	Operating Weight	lbs	45853
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)



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

Fork Specifications

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Ter Pavload (CEN EN 474-3 - Firm & Level

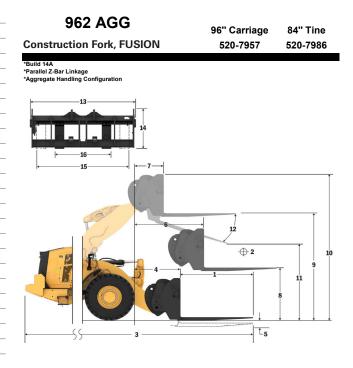
Static Tipping Load - Straight Hydraulic Tilt Capacity

-Hydraulic Lift Capacity

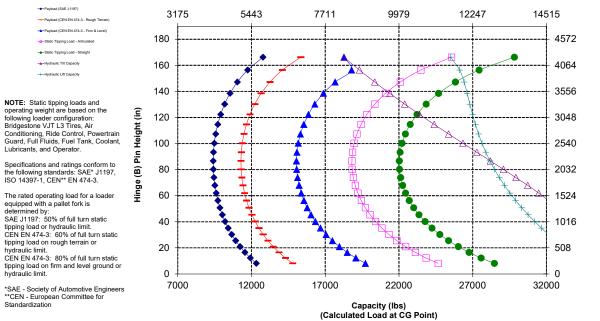
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

Lubricants, and Operator.

1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
		in kg	42.0 9989
	Static Tipping Load - Straight (Forks Level)	lbs	22016
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8532 18804
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4266 9402
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5119 11282
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6825 15043
3	Maximum Overall Length	mm in	9861 388.2
4	Reach with Forks at Ground Level	mm	1333 52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
		in	72.5
7	Reach with Fork at Maximum Height	mm in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026 158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	2019 79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kq Ibs	12700 27991
	Operating Weight	ka lbs	20868 45992
	*Negative values indicate below grade	100	



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

-Payload (SAE J1197)

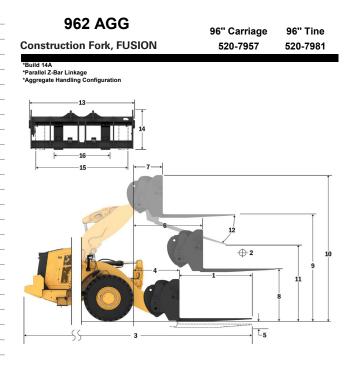
---- Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Straight -Hydraulic Tilt Capacity

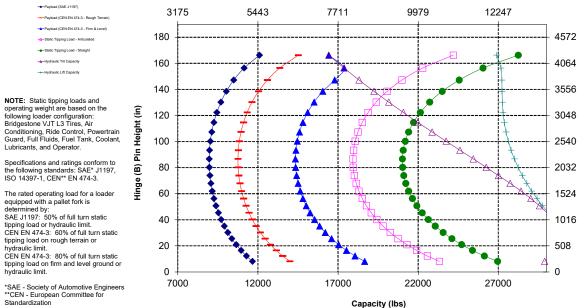
-Hydraulic Lift Capacity

Lubricants, and Operator.

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in kg	48.0 9531
	Static Tipping Load - Straight (Forks Level)	lbs	21007
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8131 17921
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4065 8960
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4879 10752
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6505 14336
3	Maximum Overall Length	mm	10165
		in mm	400.2 1333
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81 -3.2
_	Reach with Arms Horizontal and Forks Level	in mm	-3.2
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	Glound to Top of The with Arms Honzontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm in	1779 70.0
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2528 99.5
14	Overall Carriage Height	mm	1130
-14	Overall Carnage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
16	Outside Tine Width (min spread)	mm	576
		in mm	22.7
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg	11300
		lbs	24905
	Operating Weight	ka Ibs	20930 46129
	*Negative values indicate below grade		.0.20
	5 5		



Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)



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

Fork Specifications

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tinning Load - Strainht Hydraulic Tilt Capacity

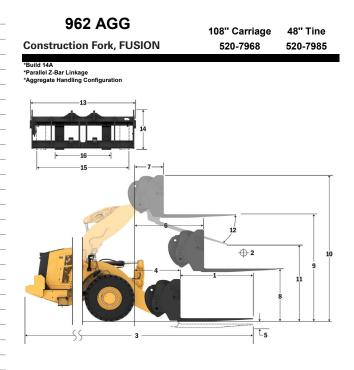
-Hydraulic Lift Capacity

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

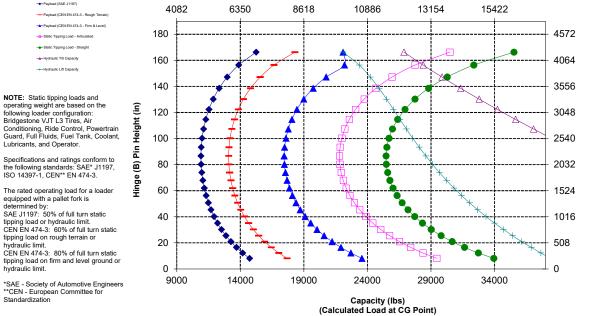
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

Lubricants, and Operator.

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Static Tipping Load - Straight (Forks Level)	in kg	24.0 11549
	11 0 0 ()	lbs	25455
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9890 21798
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4945 10899
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5934 13079
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7912 17439
3	Maximum Overall Length	mm	8946
	•	in mm	352.2 1332
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	mm	1841
		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
_		in mm	73.8 4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm in	2740 107.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm	1130
	overall carriage neight	in	44.5
15	Outside Tine Width (max spread)	mm in	2493 98.1
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	22200 48929
	Operating Weight	kq	20731
	*Negative velues indicate holew grade	lbs	45690
	*Negative values indicate below grade		



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

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Straight

Hydraulic Tilt Capacity

-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

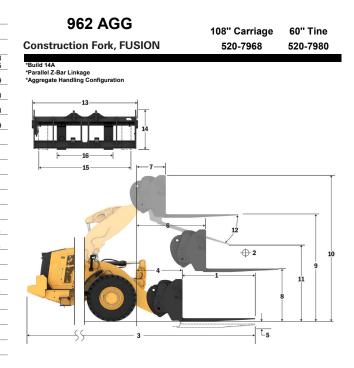
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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 firm and level ground or

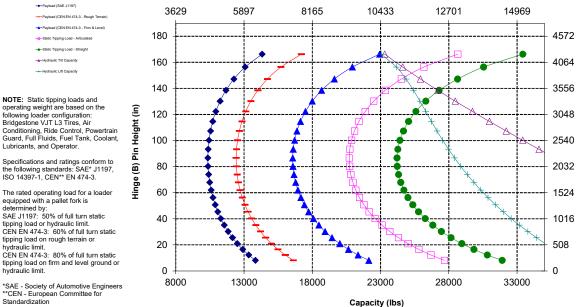
tipping load on firm and level ground or hydraulic limit.

Lubricants, and Operator.

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
		in kg	30.0 10978
	Static Tipping Load - Straight (Forks Level)	lbs	24195
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9392 20699
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4696 10350
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5635 12420
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7513 16559
3	Maximum Overall Length	mm in	9251 364.2
4	Reach with Forks at Ground Level	mm	1333
		in mm	<u>52.5</u> -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1842 72.5
7	Reach with Fork at Maximum Height	mm	963
<u> </u>		in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	2500 98.4
12	Max Discharge Angle from Horizontal	in deg	<u>98.4</u> 52
			2833
13	Overall Carriage Width	mm in	2033
14	Overall Carriage Height	mm	1130
	5 5	in mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm	180.0
		in mm	7.1
	Tine Thickness	in	3.5
	Tine Capacity	ka Ibs	17800 39231
	Operating Weight	kg	20793
		lbs	45827
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)



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

Fork Specifications

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Te Pavload (CEN EN 474-3 - Firm & Level

Static Tipping Load - Straight

Hydraulic Tilt Capacity

-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

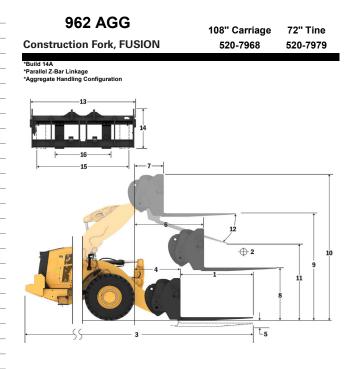
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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 firm and level ground or

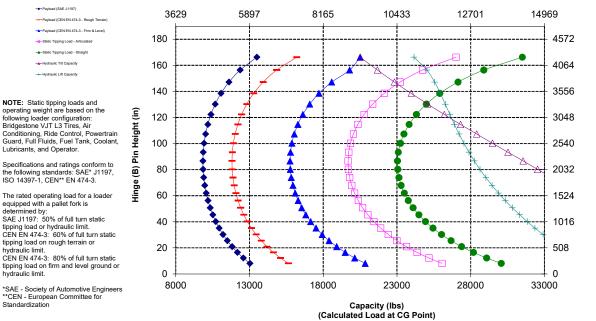
tipping load on firm and level ground or hydraulic limit.

Lubricants, and Operator.

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
	Otatic Time in a local Otacicht (Factor Laws)	in kg	36.0 10448
	Static Tipping Load - Straight (Forks Level)	lbs	23027
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8929 19679
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4464 9840
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5357 11808
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7143 15744
3	Maximum Overall Length	mm	9556 376.2
4	Reach with Forks at Ground Level	mm	1333
4		in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
-	Decelorith Forders Marianov Hainha	in mm	72.5
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	2259 88.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
	Overall Carriage Height	in mm	111.5 1130
14		in	44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	14800 32619
	Operating Weight	ka Ibs	20855 45963
	*Negative values indicate below grade	105	+0900
	5		



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

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Ter Pavload (CEN EN 474-3 - Firm & Level

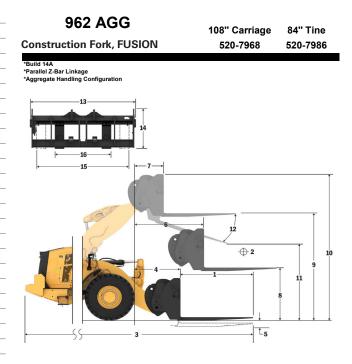
Static Tipping Load - Straight Hydraulic Tilt Capacity

-Hydraulic Lift Capacity

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

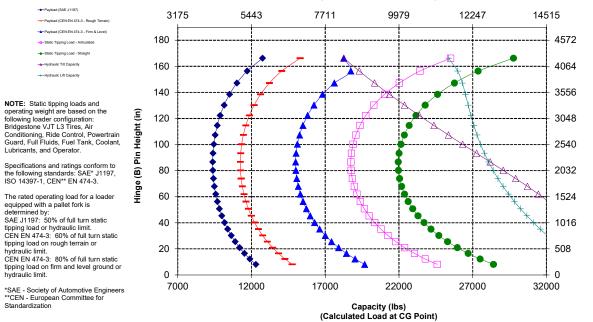
Lubricants, and Operator.

	•		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Obstin Timping Lond Obstinkt (Forder Long)	in kg	42.0 9956
	Static Tipping Load - Straight (Forks Level)	lbs	21944
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8499 18732
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4250 9366
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5100 11239
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6799 14986
3	Maximum Overall Length	mm	9861
_		in	388.2 1333
4	Reach with Forks at Ground Level	mm in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81 -3.2
6	Reach with Arms Horizontal and Forks Level	in mm	-3.2
		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
_		in mm	73.8 4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
11	Clearance at Full Lift and Max Dump	mm in	2019 79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm	1130
	overall carriage neight	in	44.5 2483
15	Outside Tine Width (max spread)	mm in	2463 97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kg	12700
		lbs	27991
	Operating Weight	ka Ibs	20917 46100
	*Negative values indicate below grade		



Hinge (B) Pin Height (mm)

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

-Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Ter Pavload (CEN EN 474-3 - Firm & Level

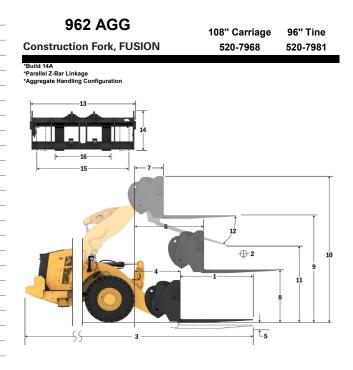
Static Tipping Load - Straight Hydraulic Tilt Capacity

-Hydraulic Lift Capacity

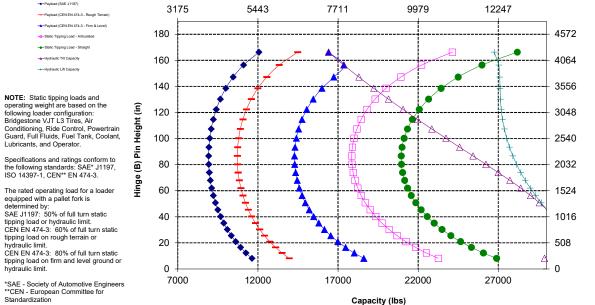
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

Lubricants, and Operator.

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in kg	48.0 9499
	Static Tipping Load - Straight (Forks Level)	lbs	20936
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8099 17849
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4049 8925
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4859 10710
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6479 14280
2	Maximum Overall Length	mm	10165
		in	400.2
4	Reach with Forks at Ground Level	mm in	1333 52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
	Ū	in mm	-3.2 1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	5	in mm	37.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066 199.5
11	Clearance at Full Lift and Max Dump	mm	1779
		in	70.0
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2833 111.5
14	Overall Carriage Height	mm	1130
	Overall Carnage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
16	Outside Tine Width (min spread)	mm	590
		in mm	23.2
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm in	90.0 3.5
	Tine Capacity	kq	11300
		lbs kg	24905 20980
	Operating Weight	lbs	46239
	*Negative values indicate below grade		



Capacity (kg) (Calculated Load at CG Point)

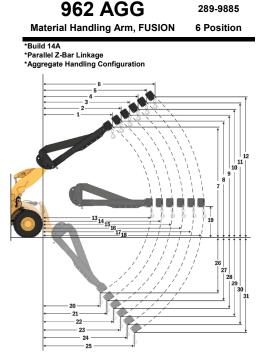


Capacity (lbs) (Calculated Load at CG Point)



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

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Mary Life Linesh Evelop Dearch (4, 0, 0, 4, 5, 0)	mm	2,386	2,539	2,692	2,845	2,998	3,151
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	7' 9"	8' 3"	8' 9"	9' 4"	9' 10"	10' 4"
Max Lift - Hook Evelet Height (7, 8, 9, 10, 11, 12)	mm	6,963	7,226	7,490	7,754	8,017	8,281
Max Litt - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 6"	25' 5"	26' 3"	27' 2"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,708	5,013	5,317	5,622	5,927	6,232
Level - HOOK Eyelet Reacti (13, 14, 15, 10, 17, 16)	ft, in	15' 5"	16' 5"	17' 5"	18' 5"	19' 5"	20' 5"
Level - Hook Eyelet Height (19)	mm	1,839	1,839	1,839	1,839	1,839	1,839
Level - Hook Eyelet Height (19)	ft, in	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	2,511	2,688	2,866	3,043	3,221	3,399
	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"
	mm	(2,614)	(2,862)	(3,109)	(3,357)	(3,605)	(3,852)
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 5"	-9' 7"	-10' 9"	-11' 11"	-11' 2"	-12' 4"
Static Tipping Load, Straight	kg	7,081	6,704	6,364	6,057	5,776	5,520
Static Tipping Load, Straight	lb	15,606	14,776	14,027	13,349	12,731	12,167
Static Tipping Load, Articulated	kg	6,104	5,778	5,485	5,219	4,977	4,755
	lb	13,454	12,736	12,088	11,502	10,968	10,480
Operating Weight	kg	20,127	20,127	20,127	20,127	20,127	20,127
Operating Weight	lb	44,359	44,359	44,359	44,359	44,359	44,359



Extension 1

-Extension 2

-Extension 3

-Extension 4

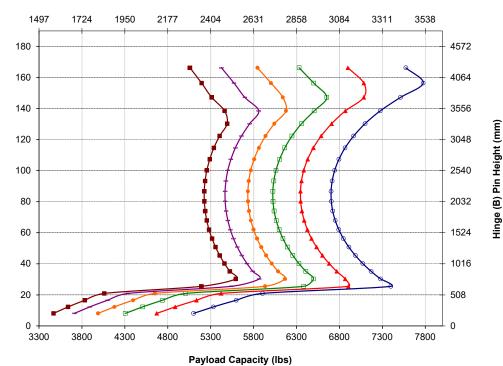
----Extended

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. Hinge (B) Pin Height (in)

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



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

(Calculated Load at CG Point)

80

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
POWERTRAIN			OPERATOR ENVIRONMENT		
Cat [®] C7.1 engine	\checkmark		Cab, pressurized, sound suppression	\checkmark	
Electric fuel priming pump	\checkmark		Door, remote opening system**		\checkmark
Fuel-water separator and secondary fuel filter	\checkmark		EH implement controls, parking brake	√	
Engine, air precleaner	✓		HMU steering wheel	\checkmark	1
Turbine, air precleaner		✓	Steering, joystick		✓
Radiator, high debris		✓	Entertainment radio		✓
Cooling fan, reversible		\checkmark	CB radio ready		\checkmark
Axles, open/open differentials**	✓		Seat, cloth, air suspension	\checkmark	
Axles, front differential lock**	 ✓		Seat, suede/cloth, air suspension, heated		\checkmark
Axles, auto differential locks front and	•	\checkmark	Seat, leather/cloth, air suspension, heated/ cooled		\checkmark
rear Axles, ecology drains, AOC ready, extreme			Touchscreen display	\checkmark	
temperature seals		v	Visibility: mirrors, rearview camera	\checkmark	
Axles, oil cooler		\checkmark	Multiview (360°) vision system		\checkmark
Transmission, countershaft, automatic	√		Cat Detect rear radar system		\checkmark
powershift			Dedicated rearview screen		\checkmark
Torque converter with lock-up	\checkmark		Mirrors, heated		\checkmark
Service brakes, hydraulic, fully enclosed wet disc, wear indicators	\checkmark		Air conditioner, heater, defroster (auto temp, fan)	\checkmark	
Park brake, caliper on front axles, spring	\checkmark		Sun visor, front and rear retractable	✓	
applied-pressure released			Window cleaning platform, front**		\checkmark
ONBOARD TECHNOLOGIES			Window, front, laminated		\checkmark
Cat Payload scale	✓		Windows, front, heavy duty		\checkmark
Autodig with auto set tires	√		Full cab window guard		\checkmark
Operator ID and machine security	√				
Application profiles	✓		(continued on	next page
Job aids	√				
Controls help and eOMM	√				
Cat Advanced Payload		\checkmark			
Cat Payload printer		\checkmark			

Standard and Optional Equipment (continued)

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

	Standard	Optional
ELECTRICAL		
Starting and charging system, 24V	\checkmark	
Starter, electric, heavy duty	\checkmark	
Cold start, 120V or 240V		\checkmark
Lights: halogen, 4 work lights, 2 front roading lights with turn signals, 2 rearview lights	√	
Lights: LED		\checkmark
Warning beacon		\checkmark
Reversing strobe lights		\checkmark
HYDRAULICS		
Implement system, load sensing with variable displacement piston pump	\checkmark	
Steering system, load sensing with dedicated variable displacement piston pump	√	
Ride control, dual accumulators**		\checkmark
3 rd and 4 th auxiliary functions with ride control		\checkmark
Oil sampling valves, Cat XT [™] hoses	\checkmark	
Quick coupler control		\checkmark
LINKAGE		
Parallel lift, Z-bar	✓	
High lift		\checkmark
Kickouts: lift and tilt	\checkmark	

	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)	~	
ADDITIONAL EQUIPMENT		
Cat Autolube system		\checkmark
Fenders, extensions or roading		\checkmark
Guards: powertrain, crankcase, window glass, cylinders, rear		\checkmark
Biodegradable hydraulic oil		\checkmark
High-speed oil change system		\checkmark
Rear cab access		\checkmark
Toolbox		\checkmark
Wheel chocks		\checkmark
Secondary steering system, electrical**		\checkmark
SPECIAL CONFIGURATIONS*		
Aggregate handler counterweight		✓
Waste and industrial		\checkmark
Forestry		\checkmark
Corrosion resistant		\checkmark

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

962 Environmental Declaration

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

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

Engine

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

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

*Engines with no aftertreatment devices can use higher blends, up to 30% biodiesel where mandated.

** For use of blends higher than 20% biodiesel, consult your Cat dealer.

Air Conditioning System

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

Paint

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

Sound

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

* Including countries that adopt the EU and UK directives.

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

Oils and Fluids

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

Features and Technology

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

Recycling

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

Material Type	Weight Percentage
Steel	71.50%
Iron	12.37%
Nonferrous Metal	2.29%
Mixed Metal	0.57%
Mixed Metal and Nonmetal	0.57%
Plastic	1.10%
Rubber	6.09%
Mixed Nonmetallic	0.03%
Fluid	2.57%
Other	2.91%
Uncategorized	0.00%
Total	100%

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

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

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

Recyclability - 98%

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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