

# 962 Wheel Loader

# **Technical Specifications**

Key Features and Benefits ......94

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

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

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Engine Model	Cat® C7.1			
Meets Brazil MAR-1 and UN ECE I	R96 Stage IIIA	emission		
standards, equivalent to U.S. EPA Tier 3 and EU Stage 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.

#### **Operating Specifications**

Static Tipping Load – Full 40° Turn		
With Tire Deflection	11 808 kg	26,032 lb
No Tire Deflection	12 565 kg	27,701 lb
Breakout Force	169 kN	37,993 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.

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Bucket Capacities	$2.5-9.9 \text{ m}^3$	3.3-13.0 vd <sup>3</sup>

#### Weight

Operating Weight	19 043 kg	41,983 lb
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 Weight based on a machine configuration with Z-bar linkage, Bridgestone 23.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link™, front manual differential/open rear axles, powertrain guard, secondary steering, sound suppression, and a 3.3 m³ (4.3 yd³) general purpose bucket with bolt-on cutting edges (BOCE).

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

Engine Model	Cat C7.1	
Meets U.S. EPA Tier 4 Final, EU Stage	e V, and Japan	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 (DIN	) 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	

- 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 lowercarbon 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.

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

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

#### **Air Conditioning System**

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

Hydraulic System		
Implement Pump Type	Variable Disp Piston, Load	
Implement System:		
Maximum Pump Output (2,340 rpm)	322 L/min	85 gal/min
Maximum Operating Pressure	27 900 kPa	4,047 psi
Optional 3 <sup>rd</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 3 <sup>rd</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Optional 4 <sup>th</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 4 <sup>th</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Hydraulic Cycle Time with Rated Paylo	ad:	
Raise from Carry Position	5.3 sec	
Dump at Maximum Raise	1.5 sec	
Lower, Empty, Float Down	3.0 sec	
Total	9.8 sec	

Sound	
Operator Sound Pressure Level (ISO 6396:2008)	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)

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

<sup>\*\*</sup>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 meet ISO 3450:2011 standards

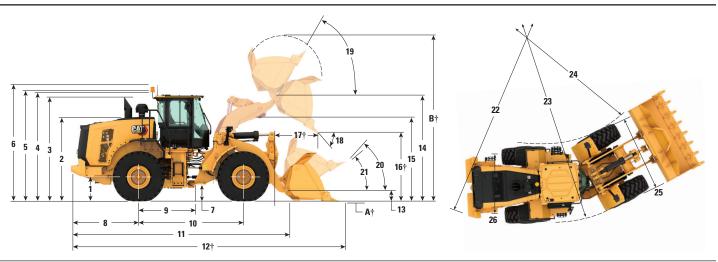
Axles	
Front	Fixed
Rear	Oscillating ±13 degrees

#### Cab

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

#### **Dimensions**

All dimensions are approximate.



		Standar	Standard Lift		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	11'3"	3405 mm	11'3"
4	Height to Top of ROPS	3453 mm	11'4"	3453 mm	11'4"
5	Height to Top of Product Link Antenna	3460 mm	11'5"	3460 mm	11'5"
6	Height to Top of Warning Beacon	3733 mm	12'3"	3733 mm	12'3"
7	Ground Clearance	351 mm	1'1"	351 mm	1'1"
8	Centerline of Rear Axle to Edge of Counterweight	2077 mm	6'9"	2186 mm	7'2"
9	Centerline of Rear Axle to Hitch	1675 mm	5'6"	1675 mm	5'6"
10	Wheelbase	3350 mm	11'0"	3350 mm	11'0"
11	Overall Length (without bucket)	7052 mm	23'2"	7542 mm	24'9"
12	Shipping Length (with bucket level on ground)*†	8429 mm	27'8"	8911 mm	29'3"
13	Hinge Pin Height at Carry Height	660 mm	2'1"	744 mm	2'5"
14	Hinge Pin Height at Maximum Lift	4167 mm	13'8"	4473 mm	14'8"
15	Lift Arm Clearance at Maximum Lift	3604 mm	11'9"	3773 mm	12'4"
16	Dump Clearance at Maximum Lift and 45° Discharge*†	2993 mm	9'9"	3298 mm	10'9"
17	Reach at Maximum Lift and 45° Discharge*†	1305 mm	4'3"	1423 mm	4'8"
18	Dump Angle at Maximum Lift and Dump (on stops)*	52 deg	rees	49 degrees	
19	Rack Back at Maximum Lift*	60 deg	rees	65 deg	rees
20	Rack Back at Carry Height*	49 deg	rees	54 deg	rees
21	Rack Back at Ground*	40 deg	rees	45 deg	rees
22	Clearance Circle (dia) to Counterweight	12 044 mm	39'7"	12 128 mm	39'10"
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.

<sup>•</sup>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).

<sup>†</sup>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 (average of front and rear)		10 mm 0.4"	40 mm 1.6"	15 mm 0.6"	12 mm 0.5"
Change in Horizontal Reach		-6 mm -0.2"	-31 mm -1.2"	5 mm 0.2"	-7 mm -0.3"
Change in Clearance Circle to Outside of Tires		4 mm 0.2"	11 mm 0.4"	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 1103 lb	633 kg 1395 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"

<sup>\*</sup>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	2832 mm	2810 mm	2791 mm	2773 mm
	9'4"	9'4"	9'3"	9'2"	9'2"
Width over Tires – Maximum (loaded)*	2843 mm	2822 mm	2824 mm	2806 mm	2792 mm
	9'4"	9'4"	9'4"	9'3"	9'2"
Change in Vertical Dimensions	9 mm	0 mm	11 mm	66 mm	20 mm
(average of front and rear)	0.3"	0"	0.4"	2.6"	0.8"
Change in Horizontal Reach	-5 mm	0 mm	2 mm	-36 mm	-4 mm
	-0.2"	0"	0.1"	-1.4"	-0.1"
Change in Clearance Circle to Outside of Tires	18 mm	-4 mm	-1 mm	-20 mm	-34 mm
	0.7"	-0.1"	0"	-0.8"	-1.3"
Change in Clearance Circle to Inside of Tires	-18 mm	4 mm	1 mm	20 mm	34 mm
	-0.7"	0.1"	0"	0.8"	1.3"
Change in Operating Weight (without ballast)	-144 kg	-120 kg	-60 kg	700 kg	-268 kg
	-318 lb	-265 lb	-132 lb	1544 lb	-591 lb
Change in Static Tipping Load – Straight	-91 kg	-76 kg	-38 kg	445 kg	-170 kg
	-202 lb	-168 lb	-84 lb	980 lb	-375 lb
Change in Static Tipping Load – Articulated	-80 kg	-67 kg	-33 kg	389 kg	-149 kg
	-176 lb	-147 lb	-73 lb	857 lb	-328 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±8 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	481 mm	481 mm	298 mm	298 mm	481 mm
	1'7"	1'7"	1'0"	1'0"	1'7"

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

### **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	2779 mm	2816 mm	2817 mm	2825 mm
	9'8"	9'2"	9'3"	9'3"	9'4"
Width over Tires – Maximum (loaded)*	2953 mm	2801 mm	2830 mm	2825 mm	2829 mm
	9'9"	9'3"	9'4"	9'4"	9'4"
Change in Vertical Dimensions (average of front and rear)	20 mm	63 mm	12 mm	-2 mm	14 mm
	0.8"	2.5"	0.5"	-0.1"	0.6"
Change in Horizontal Reach	-4 mm	-44 mm	-7 mm	-2 mm	-15 mm
	-0.2"	-1.7"	-0.3"	-0.1"	-0.6"
Change in Clearance Circle to Outside of Tires	128 mm	-24 mm	5 mm	-1 mm	4 mm
	5"	-1"	0.2"	0"	0.1"
Change in Clearance Circle to Inside of Tires	-128 mm	24 mm	-5 mm	1 mm	-4 mm
	-5"	1"	-0.2"	0"	-0.1"
Change in Operating Weight (without ballast)	737 kg	500 kg	-32 kg	-188 kg	0 kg
	1,625 lb	1,103 lb	-71 lb	-415 lb	0 lb
Change in Static Tipping Load – Straight	468 kg	318 kg	-20 kg	-119 kg	0 kg
	1,032 lb	700 lb	-45 lb	-263 lb	0 lb
Change in Static Tipping Load – Articulated	409 kg	278 kg	-18 kg	-104 kg	0 kg
	902 lb	612 lb	-39 lb	-230 lb	0 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±13 degrees	±13 degrees	±13 degree
Maximum Single-Wheel Rise and Fall	298 mm	298 mm	481 mm	481 mm	481 mm
	1'0"	1'0""	1'7"	1'7"	1'7"

<sup>\*</sup>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 9'2"	2784 mm 9'2"	2792 mm 9'2"	2140 mm 7'1"	2140 mm 7'1"
Width over Tires – Maximum (loaded)*	2804 mm 9'3"	2812 mm 9'3"	2804 mm 9'3"	2140 mm 7'1"	2140 mm 7'1"
Change in Vertical Dimensions (average of front and rear)	59 mm 2.3"	2 mm 0.1"	43 mm 1.7"	68 mm 2.7"	68 mm 2.7"
Change in Horizontal Reach	-33 mm -1.3"	-8 mm -0.3"	-13 mm -0.5"	-15 mm -0.6"	-15 mm -0.6"
Change in Clearance Circle to Outside of Tires	-22 mm -0.9"	-13 mm -0.5"	-21 mm -0.8"	-685 mm -27.0"	-685 mm -27.0"
Change in Clearance Circle to Inside of Tires	22 mm 0.9"	13 mm 0.5"	21 mm 0.8"	685 mm 27.0"	685 mm 27.0"
Change in Operating Weight (without ballast)	472 kg 1,041 lb	-548 kg -1,208 lb	-452 kg -997 lb		
Change in Static Tipping Load – Straight	300 kg 661 lb	-366 kg -806 lb	-302 kg -665 lb		
Change in Static Tipping Load – Articulated	262 kg 578 lb	-319 kg -703 lb	-263 kg -580 lb		
Rear Axle Oscillation Angle	±8 degrees	±13 degrees	±13 degrees	±8 degrees	±8 degrees
Maximum Single-Wheel Rise and Fall	298 mm 1'0"	481 mm 1'7"	481 mm 1'7"	298 mm 1'0"	298 mm 1'0"

 $<sup>\</sup>mbox{\ensuremath{\mbox{\sc *}}}\mbox{\sc Width}$  over tire bulge and includes tire growth.

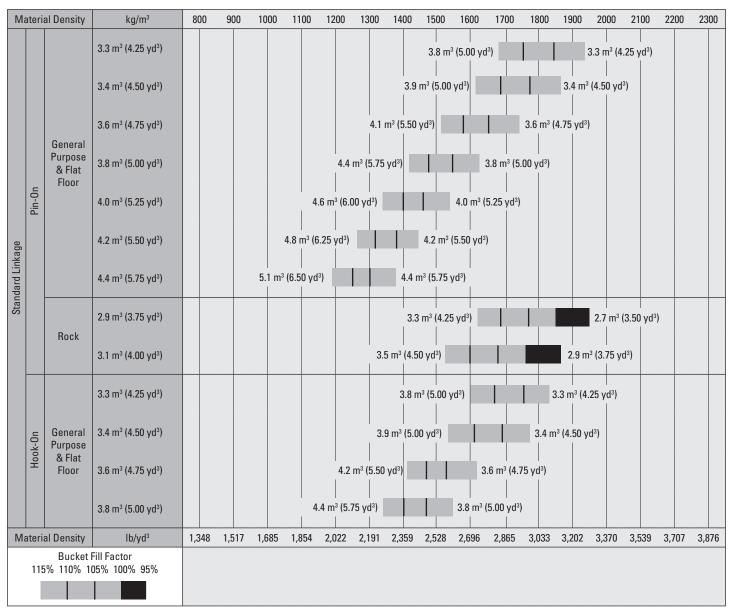
#### **Bucket Fill Factors and Selection Guide**

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

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

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

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



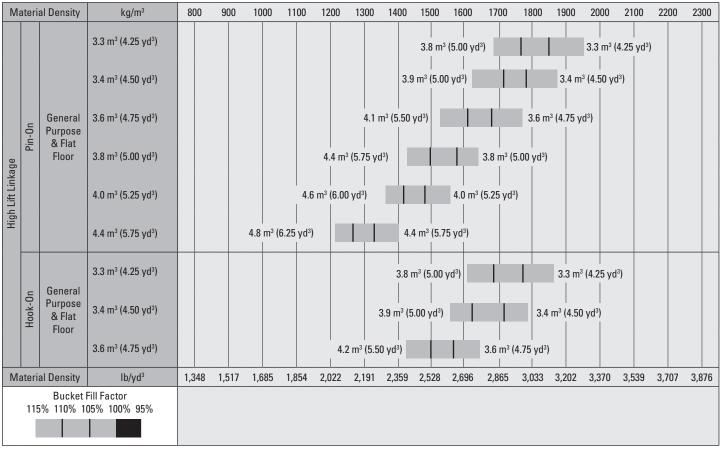
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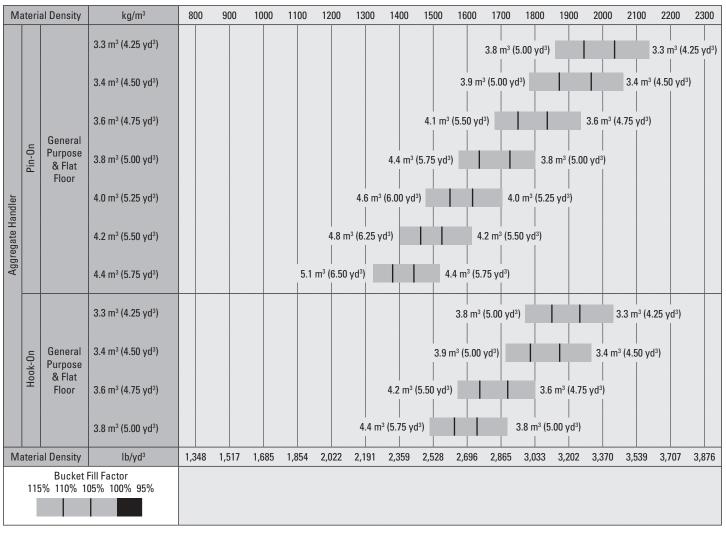
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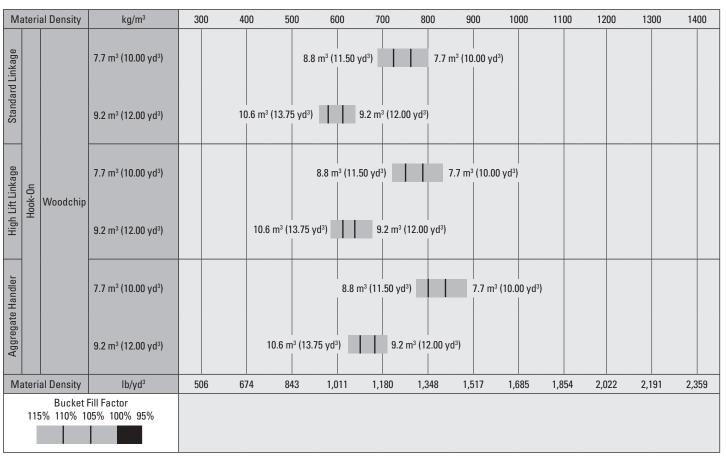
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Rock:	76 mm (3 in) and larger	100	1.6

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

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



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

Linkage					Sta	andard Link	age			
Bucket Type					Genera	ıl 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	3.20
	$yd^3$	4.25	4.25	4.00	4.50	4.50	4.25	4.75	4.75	4.25
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.60	3.60	3.40	3.70	3.70	3.50	4.00	4.00	3.50
	$yd^3$	4.75	4.75	4.50	4.75	4.75	4.50	5.25	5.25	4.50
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
<b>16</b> † Dump Clearance at Maximum Lift	mm	2992	2874	2874	2966	2847	2847	2920	2801	2847
and 45° Discharge	ft/in	9'9"	9'5"	9'5"	9'8"	9'4"	9'4"	9'6"	9'2"	9'4"
17† Reach at Maximum Lift and	mm	1305	1415	1415	1327	1437	1437	1363	1473	1437
45° Discharge	ft/in	4'3"	4'7"	4'7"	4'4"	4'8"	4'8"	4'5"	4'10"	4'8"
Reach at Level Lift Arm and	mm	2783	2944	2944	2818	2979	2979	2878	3039	2979
Bucket Level	ft/in	9'1"	9'7"	9'7"	9'2"	9'9"	9'9"	9'5"	9'11"	9'9"
A† Digging Depth	mm	105	105	75	105	105	75	105	105	75
	in	4.1"	4.1"	2.9"	4.1"	4.1"	2.9"	4.1"	4.1"	2.9"
12† Overall Length	mm	8429	8603	8603	8464	8638	8638	8524	8698	8638
	ft/in	27'8"	28'3"	28'3"	27'10"	28'5"	28'5"	28'0"	28'7"	28'5"
<b>B</b> † Overall Height with Bucket at	mm	5675	5675	5675	5704	5704	5704	5762	5762	5704
Maximum Lift	ft/in	18'8"	18'8"	18'8"	18'9"	18'9"	18'9"	18'11"	18'11"	18'9"
Loader Clearance Circle Radius	mm	6755	6838	6838	6765	6849	6849	6782	6867	6849
with Bucket at Carry Position	ft/in	22'2"	22'6"	22'6"	22'3"	22'6"	22'6"	22'4"	22'7"	22'6"
Static Tipping Load, Straight	kg	13 742	13 602	13 871	13 678	13 538	13 798	13 557	13 417	13 798
(With tire deflection)	lb	30,296	29,989	30,580	30,155	29,847	30,421	29,890	29,579	30,421
Static Tipping Load, Straight	kg	14 492	14 352	14 624	14 430	14 289	14 553	14 312	14 170	14 553
(No tire deflection)	lb	31,951	31,640	32,241	31,814	31,502	32,085	31,554	31,240	32,085
Static Tipping Load,	kg	11 808	11 668	11 918	11 747	11 608	11 851	11 634	11 493	11 851
Articulated (With tire deflection)	lb	26,032	25,725	26,276	25,899	25,591	26,127	25,649	25,338	26,127
Static Tipping Load, Articulated	kg	12 564	12 424	12 677	12 506	12 364	12 611	12 395	12 253	12 611
(No tire deflection)	lb	27,700	27,390	27,949	27,571	27,260	27,802	27,326	27,013	27,802
Breakout Force(§)	kN	169	168	183	164	163	178	157	156	178
	lbf	38,080	37,815	41,263	37,030	36,766	40,045	35,340	35,077	40,045
Operating Weight*	kg	19 043	19 151	18 994	19 073	19 181	19 024	19 131	19 239	19 024
	lb	41,983	42,221	41,875	42,049	42,287	41,941	42,177	42,415	41,941

<sup>\*</sup>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.

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage	Standard Linkage						
Bucket Type		General Purpose – Pin-On – Abrasion					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	$m^3$	3.80	4.00	4.20			
	$yd^3$	5.00	5.25	5.50			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.40	4.60			
	$yd^3$	5.50	5.75	6.00			
Width	mm	2994	2994	2994			
	ft/in	9'9"	9'9"	9'9"			
<b>16</b> † Dump Clearance at Maximum Lift	mm	2892	2862	2830			
and 45° Discharge	ft/in	9'5"	9'4"	9'3"			
17† Reach at Maximum Lift and	mm	1378	1404	1435			
45° Discharge	ft/in	4'6"	4'7"	4'8"			
Reach at Level Lift Arm and	mm	2909	2949	2994			
Bucket Level	ft/in	9'6"	9'8"	9'9"			
A† Digging Depth	mm	110	110	110			
	in	4.3"	4.3"	4.3"			
12† Overall Length	mm	8559	8599	8644			
	ft/in	28'1"	28'3"	28'5"			
<b>B</b> † Overall Height with Bucket at	mm	5788	5828	5868			
Maximum Lift	ft/in	19'0"	19'2"	19'4"			
Loader Clearance Circle Radius	mm	6823	6835	6849			
with Bucket at Carry Position	ft/in	22'5"	22'6"	22'6"			
Static Tipping Load, Straight	kg	13 398	13 318	13 226			
(With tire deflection)	lb	29,539	29,362	29,159			
Static Tipping Load, Straight	kg	14 154	14 076	13 986			
(No tire deflection)	lb	31,205	31,032	30,833			
Static Tipping Load,	kg	11 478	11 402	11 315			
Articulated (With tire deflection)	lb	25,306	25,138	24,946			
Static Tipping Load, Articulated	kg	12 240	12 166	12 081			
(No tire deflection)	lb	26,985	26,822	26,634			
Breakout Force(§)	kN	152	148	143			
W/	lbf	34,377	33,363	32,279			
Operating Weight*	kg	19 247	19 287	19 333			
	lb	42,433	42,521	42,622			

<sup>\*</sup> 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.

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage			Standard Linkage	
Bucket Type		Gen	neral Purpose – Hook-On – Fusion <sup>Th</sup>	и
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	$m^3$	3.40	3.40	3.20
	$yd^3$	4.50	4.50	4.25
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	3.50
	$yd^3$	4.75	4.75	4.50
Width	mm	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"
5† Dump Clearance at Maximum Lift	mm	2924	2805	2805
and 45° Discharge	ft/in	9'7"	9'2"	9'2"
7† Reach at Maximum Lift and	mm	1363	1473	1473
45° Discharge	ft/in	4'5"	4'10"	4'10"
Reach at Level Lift Arm and	mm	2873	3034	3034
Bucket Level	ft/in	9'5"	9'11"	9'11"
A† Digging Depth	mm	113	113	83
	in	4.4"	4.4"	3.2"
2† Overall Length	mm	8525	8698	8698
	ft/in	28'0"	28'7"	28'7"
B† Overall Height with Bucket at	mm	5723	5723	5723
Maximum Lift	ft/in	18'10"	18'10"	18'10"
Loader Clearance Circle Radius	mm	6781	6866	6866
with Bucket at Carry Position	ft/in	22'3"	22'7"	22'7"
Static Tipping Load, Straight	kg	13 059	12 920	13 243
(With tire deflection)	lb	28,791	28,484	29,197
Static Tipping Load, Straight	kg	13 798	13 657	13 991
(No tire deflection)	lb	30,420	30,110	30,845
Static Tipping Load,	kg	11 157	11 017	11 324
Articulated (With tire deflection)	lb	24,597	24,290	24,965
Static Tipping Load, Articulated	kg	11 902	11 761	12 077
(No tire deflection)	lb	26,240	25,930	26,626
Breakout Force (§)	kN	157	156	169
2744110 46 1 0766 (5)	lbf	35,422	35,157	38,192
Operating Weight*	kg	19 552	19 660	19 503
- Larming MarBut	lb	43,105	43,343	42,997

<sup>\*</sup> 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.

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

Linkage		Standard Linkage						
Bucket Type		General Purpose – Hook-On – Fusion – Abrasion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	3.30	3.30	3.10	3.60			
	$yd^3$	4.25	4.25	4.00	4.75			
Capacity – Rated at 110% Fill Factor	$m^3$	3.60	3.60	3.40	4.00			
	$yd^3$	4.75	4.75	4.50	5.25			
Width	mm	2958	2999	2999	2956			
	ft/in	9'8"	9'10"	9'10"	9'8"			
16† Dump Clearance at Maximum Lift	mm	2950	2833	2833	2875			
and 45° Discharge	ft/in	9'8"	9'3"	9'3"	9'5"			
17† Reach at Maximum Lift and	mm	1341	1447	1447	1403			
45° Discharge	ft/in	4'4"	4'8"	4'8"	4'7"			
Reach at Level Lift Arm and	mm	2838	2994	2994	2937			
Bucket Level	ft/in	9'3"	9'9"	9'9"	9'7"			
A† Digging Depth	mm	113	113	83	112			
	in	4.4"	4.4"	3.2"	4.4"			
12† Overall Length	mm	8491	8661	8661	8590			
	ft/in	27'11"	28'5"	28'5"	28'3"			
B† Overall Height with Bucket at	mm	5694	5694	5694	5800			
Maximum Lift	ft/in	18'9"	18'9"	18'9"	19'1"			
Loader Clearance Circle Radius	mm	6784	6857	6857	6818			
with Bucket at Carry Position	ft/in	22'4"	22'6"	22'6"	22'5"			
Static Tipping Load, Straight	kg	13 029	12 920	13 249	12 802			
(With tire deflection)	1b	28,724	28,483	29,210	28,224			
Static Tipping Load, Straight	kg	13 766	13 656	13 996	13 536			
(No tire deflection)	lb	30,349	30,106	30,856	29,843			
Static Tipping Load,	kg	11 123	11 014	11 325	10 913			
Articulated (With tire deflection)	lb	24,523	24,282	24,967	24,059			
Static Tipping Load, Articulated	kg	11 867	11 757	12 077	11 654			
(No tire deflection)	lb	26,163	25,920	26,626	25,694			
Breakout Force(§)	kN	161	160	174	149			
	lbf	36,225	36,002	39,191	33,608			
Operating Weight*	kg	19 603	19 686	19 533	19 689			
	lb	43,216	43,399	43,063	43,407			

<sup>\*</sup>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.

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage		Standard Linkage							
Bucket Type				Flat Floo	r – Pin-On			Flat Floor Pin-On – Light Material	
		Bolt-On			Bolt-On			Bolt-On	
		Cutting	Teeth and		Cutting	Teeth and		Cutting	
Edge Type		Edges	Segments	Tips	Edges	Segments	Tips	Edges	
Capacity – Rated	$m^3$	3.40	3.40	3.20	3.80	3.80	3.60	4.40	
	yd <sup>3</sup>	4.50	4.50	4.25	5.00	5.00	4.75	5.75	
Capacity – Rated at 110% Fill Factor	$m^3$	3.70	3.70	3.50	4.20	4.20	4.00	4.80	
	yd³	4.75	4.75	4.50	5.50	5.50	5.25	6.25	
Width	mm	2927	2994	2994	2927	2994	2994	3059	
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	10'0"	
<b>16</b> † Dump Clearance at Maximum Lift	mm	2896	2771	2771	2818	2692	2692	2763	
and 45° Discharge	ft/in	9'6"	9'1"	9'1"	9'2"	8'10"	8'10"	9'0"	
17† Reach at Maximum Lift and	mm	1247	1349	1349	1325	1427	1427	1369	
45° Discharge	ft/in	4'1"	4'5"	4'5"	4'4"	4'8"	4'8"	4'5"	
Reach at Level Lift Arm and	mm	2828	2989	2989	2939	3100	3100	3009	
Bucket Level	ft/in	9'3"	9'9"	9'9"	9'7"	10'2"	10'2"	9'10"	
A† Digging Depth	mm	113	113	83	113	113	83	121	
	in	4.4"	4.4"	3.2"	4.4"	4.4"	3.2"	4.7"	
12† Overall Length	mm	8480	8653	8653	8591	8764	8764	8667	
	ft/in	27'10"	28'5"	28'5"	28'3"	28'10"	28'10"	28'6"	
<b>B</b> † Overall Height with Bucket at	mm	5714	5714	5714	5813	5813	5813	5891	
Maximum Lift	ft/in	18'9"	18'9"	18'9"	19'1"	19'1"	19'1"	19'4"	
Loader Clearance Circle Radius	mm	6771	6855	6855	6804	6888	6888	6887	
with Bucket at Carry Position	ft/in	22'3"	22'6"	22'6"	22'4"	22'8"	22'8"	22'8"	
Static Tipping Load, Straight	kg	13 530	13 391	13 651	13 328	13 188	13 433	13 059	
(With tire deflection)	lb	29,829	29,522	30,096	29,384	29,074	29,614	28,791	
Static Tipping Load, Straight	kg	14 266	14 126	14 390	14 071	13 929	14 177	13 804	
(No tire deflection)	lb	31,453	31,143	31,725	31,022	30,709	31,256	30,433	
Static Tipping Load,	kg	11 619	11 480	11 723	11 428	11 287	11 516	11 170	
Articulated (With tire deflection)	lb	25,615	25,309	25,845	25,194	24,884	25,389	24,625	
Static Tipping Load, Articulated	kg	12 362	12 222	12 468	12 177	12 035	12 267	11 921	
(No tire deflection)	lb	27,254	26,945	27,488	26,847	26,533	27,044	26,282	
Breakout Force(§)	kN	163	162	176	150	148	161	141	
(0)	lbf	36,711	36,446	39,676	33,738	33,475	36,259	31,887	
Operating Weight*	kg	19 078	19 186	19 029	19 180	19 288	19 131	19 336	
- r	lb	42,060	42,298	41,952	42,285	42,523	42,177	42,629	

<sup>\*</sup> 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.

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

Linkage				S	tandard Linka	ge		
Bucket Type				Flat Flo	or – Hook-On -	- Fusion		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m <sup>3</sup>	3.40	3.40	3.30	3.60	3.80	3.80	3.70
	$yd^3$	4.50	4.50	4.25	4.75	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	3.60	4.00	4.20	4.20	4.00
	$yd^3$	4.75	4.75	4.75	5.25	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'7"	9'9"	9'9"
<b>16</b> † Dump Clearance at Maximum Lift	mm	2970	2859	2859	2836	2783	2658	2658
and 45° Discharge	ft/in	9'8"	9'4"	9'4"	9'3"	9'1"	8'8"	8'8"
17† Reach at Maximum Lift and	mm	1172	1261	1261	1307	1360	1462	1462
45° Discharge	ft/in	3'10"	4'1"	4'1"	4'3"	4'5"	4'9"	4'9"
Reach at Level Lift Arm and	mm	2723	2864	2864	2913	2988	3149	3149
Bucket Level	ft/in	8'11"	9'4"	9'4"	9'6"	9'9"	10'3"	10'3"
A† Digging Depth	mm	113	113	83	113	113	113	83
	in	4.4"	4.4"	3.2"	4.4"	4.4"	4.4"	3.2"
12† Overall Length	mm	8375	8529	8529	8565	8640	8813	8813
	ft/in	27'6"	28'0"	28'0"	28'2"	28'5"	28'11"	28'11"
<b>B</b> † Overall Height with Bucket at	mm	5637	5637	5637	5766	5843	5843	5843
Maximum Lift	ft/in	18'6"	18'6"	18'6"	18'11"	19'3"	19'3"	19'3"
Loader Clearance Circle Radius	mm	6737	6815	6815	6793	6816	6902	6902
with Bucket at Carry Position	ft/in	22'2"	22'5"	22'5"	22'4"	22'5"	22'8"	22'8"
Static Tipping Load, Straight	kg	13 652	13 513	13 852	13 032	12 794	12 653	12 973
(With tire deflection)	lb	30,099	29,791	30,538	28,732	28,206	27,896	28,601
Static Tipping Load, Straight	kg	14 430	14 289	14 640	13 776	13 529	13 387	13 717
(No tire deflection)	lb	31,812	31,502	32,276	30,371	29,827	29,515	30,242
Static Tipping Load,	kg	11 700	11 560	11 880	11 130	10 913	10 772	11 075
Articulated (With tire deflection)	lb	25,794	25,487	26,192	24,538	24,059	23,749	24,417
Static Tipping Load, Articulated	kg	12 482	12 341	12 673	11 880	11 655	11 513	11 826
(No tire deflection)	lb	27,518	27,208	27,939	26,191	25,696	25,383	26,073
Breakout Force(§)	kN	177	176	193	152	144	143	155
	lbf	39,960	39,692	43,456	34,367	32,521	32,258	34,874
Operating Weight*	kg	19 341	19 449	19 292	19 559	19 644	19 752	19 595
	lb	42,640	42,878	42,532	43,121	43,308	43,546	43,200

<sup>\*</sup>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.

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage		Standard Linkage									
Bucket Type		Multi	-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	$m^3$	2.80	2.80	2.60	2.90	2.90	2.70				
	$yd^3$	3.50	3.50	3.25	3.75	3.75	3.50				
Capacity – Rated at 110% Fill Factor	$m^3$	3.00	3.00	2.80	3.20	3.20	3.00				
	$yd^3$	4.00	4.00	3.75	4.25	4.25	4.00				
Width	mm	2942	2999	2999	3007	3000	3000				
	ft/in	9'7"	9'10"	9'10"	9'10"	9'10"	9'10"				
16† Dump Clearance at Maximum Lift	mm	3131	3023	3023	3123	3014	3014				
and 45° Discharge	ft/in	10'3"	9'11"	9'11"	10'2"	9'10"	9'10"				
17† Reach at Maximum Lift and	mm	1268	1384	1384	1358	1477	1477				
45° Discharge	ft/in	4'1"	4'6"	4'6"	4'5"	4'10"	4'10"				
Reach at Level Lift Arm and	mm	2638	2795	2795	2716	2877	2877				
Bucket Level	ft/in	8'7"	9'2"	9'2"	8'10"	9'5"	9'5"				
A† Digging Depth	mm	140	140	110	93	93	63				
	in	5.5"	5.5"	4.3"	3.6"	3.6"	2.4"				
12† Overall Length	mm	8311	8481	8481	8353	8528	8528				
	ft/in	27'4"	27'10"	27'10"	27'5"	28'0"	28'0"				
<b>B</b> † Overall Height with Bucket at	mm	5455	5455	5455	5541	5541	5541				
Maximum Lift	ft/in	17'11"	17'11"	17'11"	18'3"	18'3"	18'3"				
Loader Clearance Circle Radius	mm	6735	6813	6813	6763	6815	6815				
with Bucket at Carry Position	ft/in	22'2"	22'5"	22'5"	22'3"	22'5"	22'5"				
Static Tipping Load, Straight	kg	13 375	13 224	13 546	12 946	12 817	13 126				
(With tire deflection)	lb	29,486	29,154	29,864	28,541	28,256	28,939				
Static Tipping Load, Straight	kg	14 103	13 951	14 285	13 700	13 569	13 891				
(No tire deflection)	lb	31,092	30,756	31,493	30,203	29,915	30,625				
Static Tipping Load,	kg	11 446	11 295	11 599	11 022	10 892	11 183				
Articulated (With tire deflection)	lb	25,236	24,903	25,573	24,299	24,014	24,656				
Static Tipping Load, Articulated	kg	12 181	12 029	12 344	11 781	11 651	11 953				
(No tire deflection)	lb	26,856	26,520	27,215	25,974	25,686	26,353				
Breakout Force(§)	kN	189	188	206	176	175	192				
	lbf	42,571	42,257	46,517	39,738	39,474	43,218				
Operating Weight*	kg	19 399	19 518	19 365	19 870	19 969	19 827				
	lb	42,767	43,028	42,692	43,805	44,024	43,711				

<sup>\*</sup> 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.

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		Standard Linkage					
Bucket Type		High Dump – H	ook-On – Fusion				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	4.30	6.10				
	$yd^3$	5.50	8.00				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.70	6.70				
	$yd^3$	6.25	8.75				
Width	mm	3029	2910				
	ft/in	9'11"	9'6"				
<b>16</b> † Dump Clearance at Maximum Lift	mm	2593	2486				
and 45° Discharge	ft/in	8'6"	8'1"				
17† Reach at Maximum Lift and	mm	1463	1563				
45° Discharge	ft/in	4'9"	5'1"				
Reach at Level Lift Arm and	mm	3195	3341				
Bucket Level	ft/in	10'5"	10'11"				
A† Digging Depth	mm	174	179				
	in	6.8"	7"				
12† Overall Length	mm	8892	9042				
	ft/in	29'3"	29'8"				
<b>B</b> † Overall Height with Bucket at	mm	5850	6222				
Maximum Lift	ft/in	19'3"	20'5"				
Loader Clearance Circle Radius	mm	6949	6945				
with Bucket at Carry Position	ft/in	22'10"	22'10"				
Static Tipping Load, Straight	kg	11 691	11 459				
(With tire deflection)	lb	25,774	25,262				
Static Tipping Load, Straight	kg	12 392	12 226				
(No tire deflection)	lb	27,321	26,954				
Static Tipping Load,	kg	9873	9613				
Articulated (With tire deflection)	lb	21,766	21,194				
Static Tipping Load, Articulated	kg	10 582	10 386				
(No tire deflection)	lb	23,331	22,897				
Breakout Force(§)	kN	123	111				
	lbf	27,856	25,109				
Operating Weight*	kg	20 219	20 579				
	lb	44,576	45,369				

<sup>\*</sup> 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.

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		Standard	d Linkage
Bucket Type		Woodchip – Ho	ook-On – Fusion
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	7.70	9.20
	$yd^3$	10.00	12.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	8.40	10.10
	$yd^3$	11.00	13.25
Width	mm	3330	3330
	ft/in	10'11"	10'11"
6† Dump Clearance at Maximum Lift	mm	2611	2434
and 45° Discharge	ft/in	8'6"	7'11"
7† Reach at Maximum Lift and	mm	1539	1716
45° Discharge	ft/in	5'0"	5'7"
Reach at Level Lift Arm and	mm	3236	3487
Bucket Level	ft/in	10'7"	11'5"
A† Digging Depth	mm	108	108
	in	4.2"	4.2"
2† Overall Length	mm	8885	9135
	ft/in	29'2"	30'0"
<b>B</b> † Overall Height with Bucket at	mm	6294	6518
Maximum Lift	ft/in	20'8"	21'5"
Loader Clearance Circle Radius	mm	7069	7148
with Bucket at Carry Position	ft/in	23'3"	23'6"
Static Tipping Load, Straight	kg	13 325	12 840
(With tire deflection)	lb	29,377	28,307
Static Tipping Load, Straight	kg	14 212	13 731
(No tire deflection)	lb	31,333	30,272
Static Tipping Load,	kg	11 342	10 885
Articulated (With tire deflection)	1b	25,006	23,997
Static Tipping Load, Articulated	kg	12 230	11 777
(No tire deflection)	1b	26,964	25,964
Breakout Force(§)	kN	122	105
	lbf	27,565	23,670
Operating Weight*	kg	19 772	20 002
	lb	43,590	44,097

<sup>\*</sup> 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.

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		Standard Linkage					
Bucket Type		Rock, Spade	e – Pin-On***				
Edge Type		Teeth and Segments	Teeth and Segments				
Capacity – Rated	$m^3$	2.90	3.10				
	$yd^3$	3.75	4.00				
Capacity – Rated at 110% Fill Factor	m³	3.20	3.40				
	$yd^3$	4.25	4.50				
Width	mm	2994	2992				
	ft/in	9'9"	9'9"				
6† Dump Clearance at Maximum Lift	mm	2868	2822				
and 45° Discharge	ft/in	9'4"	9'3"				
<b>7</b> † Reach at Maximum Lift and	mm	1529	1551				
45° Discharge	ft/in	5'0"	5'1"				
Reach at Level Lift Arm and	mm	3061	3111				
Bucket Level	ft/in	10'0"	10'2"				
A† Digging Depth	mm	54	40				
	in	2.1"	1.5"				
2† Overall Length	mm	8707	8757				
	ft/in	28'7"	28'9"				
<b>B</b> † Overall Height with Bucket at	mm	5606	5689				
Maximum Lift	ft/in	18'5"	18'8"				
Loader Clearance Circle Radius	mm	6883	6898				
with Bucket at Carry Position	ft/in	22'7"	22'8"				
Static Tipping Load, Straight	kg	13 849	14 038				
(With tire deflection)	lb	30,533	30,949				
Static Tipping Load, Straight	kg	14 642	14 833				
(No tire deflection)	lb	32,281	32,701				
Static Tipping Load,	kg	11 831	12 026				
Articulated (With tire deflection)	lb	26,083	26,513				
Static Tipping Load, Articulated	kg	12 629	12 826				
(No tire deflection)	lb	27,843	28,278				
Breakout Force(§)	kN	157	152				
(3)	lbf	35,380	34,208				
Operating Weight*	kg	20 227	19 977				
- r · · ·	lb	44,591	44,040				

<sup>\*</sup> 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.

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		Standard Linkage							
Bucket Type		Side	Side Dump – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges Teeth and Segments		Tips	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	2.50	2.50	2.30	2.90				
	$yd^3$	3.25	3.25	3.00	3.75				
Capacity – Rated at 110% Fill Factor	$m^3$	2.80	2.80	2.50	3.20				
	$yd^3$	3.75	3.75	3.25	4.25				
Width	mm	3065	3166	3166	3220				
	ft/in	10'0"	10'4"	10'4"	10'6"				
<b>16</b> † Dump Clearance at Maximum Lift	mm	2853	2695	2695	2888				
and 45° Discharge	ft/in	9'4"	8'10"	8'10"	9'5"				
17† Reach at Maximum Lift and	mm	1294	1397	1397	1247				
45° Discharge	ft/in	4'2"	4'7"	4'7"	4'1"				
Reach at Level Lift Arm and	mm	2891	3075	3075	2834				
Bucket Level	ft/in	9'5"	10'1"	10'1"	9'3"				
A† Digging Depth	mm	110	110	75	118				
	in	4.3"	4.3"	2.9"	4.6"				
12† Overall Length	mm	8542	8755	8755	8490				
	ft/in	28'1"	28'9"	28'9"	27'11"				
B† Overall Height with Bucket at	mm	5911	5911	5911	5655				
Maximum Lift	ft/in	19'5"	19'5"	19'5"	18'7"				
Loader Clearance Circle Radius	mm	6850	6965	6965	6903				
with Bucket at Carry Position	ft/in	22'6"	22'11"	22'11"	22'8"				
Static Tipping Load, Straight	kg	11 641	11 418	11 709	12 517				
(With tire deflection)	lb	25,666	25,173	25,815	27,596				
Static Tipping Load, Straight	kg	12 362	12 135	12 438	13 273				
(No tire deflection)	lb	27,254	26,754	27,422	29,262				
Static Tipping Load,	kg	9811	9587	9862	10 623				
Articulated (With tire deflection)	lb	21,630	21,137	21,743	23,419				
Static Tipping Load, Articulated	kg	10 538	10 312	10 598	11 385				
(No tire deflection)	lb	23,234	22,735	23,365	25,100				
Breakout Force(§)	kN	149	148	158	159				
	lbf	33,694	33,278	35,612	35,882				
Operating Weight*	kg	20 380	20 557	20 407	20 108				
- 5 5	lb	44,931	45,321	44,990	44,331				

<sup>\*</sup>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.

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

<sup>(</sup>With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Edge Type					Hi	gh Lift Linka	ge			
Capacity - Rated   Maximum Lift and Bucket Level Lift Arm and mm   Maximum Lift   Min   Min					Genera	I Purpose –	Pin-On			
Yes   Yes	(	<b>Cutting T</b>		Tips	Cutting		Tips	Cutting	Teeth and Segments	Tips
Capacity - Rated at 110% Fill Factor   m³   3.60   3.60   3.40   3.70   3.70   3.50   4.00   yd³   4.75   4.75   4.50   4.75   4.50   5.25	Rated m <sup>3</sup>	3.30	3.30	3.10	3.40	3.40	3.20	3.60	3.60	3.40
Width         yd³         4.75         4.75         4.50         4.75         4.50         5.25           Width         mm         2927         2994         2994         2927         2994         2994         2927         2994         2927         2994         2927         2994         2927         2994         2927         2994         2994         2927         2994         2994         2927         2994         2994         2927         2994         2994         2927         2994         2994         2927         2994         2994         2997         297"         99"	$yd^3$	4.25	4.25	4.00	4.50	4.50	4.25	4.75	4.75	4.50
Width         mm         2927         2994         2994         2927         2994         2997         99"	Rated at 110% Fill Factor m <sup>3</sup>	3.60	3.60	3.40	3.70	3.70	3.50	4.00	4.00	3.70
16† Dump Clearance at Maximum Lift   mm   3297   3179   3179   3271   3153   3153   3225   3164   3275   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3271   3153   3153   3225   3179   3179   3179   3179   3271   3153   3153   3225   3179   31778   3179   3179   3179   3179   3179   3179   3179   3179	$yd^3$	4.75	4.75	4.50	4.75	4.75	4.50	5.25	5.25	4.75
16† Dump Clearance at Maximum Lift and 45° Discharge         mm         3297         3179         3179         3271         3153         3153         3225         3179         3170         3178         3184         <	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
and 45° Discharge         ft/in         10'9"         10'5"         10'8"         10'4"         10'4"         10'6"         17†           17† Reach at Maximum Lift and 45° Discharge         ft/in         4'8"         5'0"         5'0"         4'8"         5'1"         5'1"         4'10"           Reach at Level Lift Arm and Bucket Level         mm         3089         3250         3250         3124         3285         3285         3184         3384         3384         3384         3385         3285         3184         3384         3384         3384         3385         3285         3184         3384         3386         3285         3285         3184         3384 <td< td=""><td>ft/in</td><td>9'7"</td><td>9'9"</td><td>9'9"</td><td>9'7"</td><td>9'9"</td><td>9'9"</td><td>9'7"</td><td>9'9"</td><td>9'9"</td></td<>	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
17†   Reach at Maximum Lift and   mm   1422   1533   1533   1445   1555   1555   1481   145°   Discharge   ft/in   448"   50"   50"   448"   51"   51"   410"   100     Reach at Level Lift Arm and   mm   3089   3250   3250   3124   3285   3285   3184   3285   3285   3285   3184   3285   3285   3285   3184   3285	arance at Maximum Lift mm	3297	3179	3179	3271	3153	3153	3225	3106	3106
A5° Discharge	scharge ft/in	10'9"	10'5"	10'5"	10'8"	10'4"	10'4"	10'6"	10'2"	10'2"
Reach at Level Lift Arm and Bucket Level         mm         3089         3250         3250         3124         3285         3285         3184         3285           A† Digging Depth         mm         126         126         96         126         126         96         126	faximum Lift and mm	1422	1533	1533	1445	1555	1555	1481	1591	1591
Bucket Level	rge ft/in	4'8"	5'0"	5'0"	4'8"	5'1"	5'1"	4'10"	5'2"	5'2"
A† Digging Depth         mm         126         126         96         126         126         96         126           In         4.9"         4.9"         3.7"         4.9"         4.9"         3.7"         4.9"           In         4.9"         4.9"         3.7"         4.9"         4.9"         3.7"         4.9"           In         4.9"         4.9"         3.7"         4.9"         4.9"         4.9"         4.9"           In         4.9"         4.9"         3.7"         4.9"	evel Lift Arm and mm	3089	3250	3250	3124	3285	3285	3184	3345	3345
in         4.9"         4.9"         3.7"         4.9"         3.7"         4.9"           12† Overall Length         mm         8911         9083         9083         8946         9118         9118         9006         9           ft/in         29'3"         29'10"         29'10"         29'5"         29'11"         29'11"         29'7"         3           B† Overall Height with Bucket at Maximum Lift         mm         5980         5980         5980         6009         6009         6009         6009         6068         6068         6069         6009         6009         6009         6068         6068         6068         6009         <	/el ft/in	10'1"	10'7"	10'7"	10'2"	10'9"	10'9"	10'5"	10'11"	10'11"
12† Overall Length   mm   8911   9083   9083   8946   9118   9118   9006   918   9118   9006   918   9118   9006   918   9118   9006   918   9118   9006   918   918   9006   918   918   9006   918   918   9006   918   918   918   9006   918   918   918   9006   918   9006   918	epth mm	126	126	96	126	126	96	126	126	96
B† Overall Height with Bucket at Maximum Lift         mm         5980         5980         5980         6009         6008         6009         6008         6009         6008         6008         6008         7009	in	4.9"	4.9"	3.7"	4.9"	4.9"	3.7"	4.9"	4.9"	3.7"
B† Overall Height with Bucket at Maximum Lift         mm         5980         5980         5980         6009         6008         6009         6008         6009         6008         6009         6008         6009         6008         6009         6008         6008         6008         6009         6008         6009	ngth mm	8911	9083	9083	8946	9118	9118	9006	9178	9178
Maximum Lift         ft/in         19'8"         19'8"         19'8"         19'9"         19'9"         19'9"         19'9"         19'11"         1           Loader Clearance Circle Radius with Bucket at Carry Position         ft/in         22'2"         22'6"         22'6"         22'3"         22'6"         22'6"         22'6"         22'6"         22'6"         22'6"         22'6"         22'4"         2           Static Tipping Load, Straight (With tire deflection)         lb         30,860         30,559         31,055         30,768         30,467         30,951         30,590         30           Static Tipping Load, Straight (No tire deflection)         lb         32,517         32,217         32,710         32,434         32,133         32,614         32,272         3           Static Tipping Load,         kg         11 908         11 772         11 984         11 867         11 730         11 937         11 788         1	ft/in	29'3"	29'10"	29'10"	29'5"	29'11"	29'11"	29'7"	30'2"	30'2"
Loader Clearance Circle Radius with Bucket at Carry Position         mm         6756         6837         6837         6767         6849         6849         6787         6787         6849         6849         6787         6787         6849         6849         6787         6849         6849         6787         6849         6849         6849         6787         6849	ight with Bucket at mm	5980	5980	5980	6009	6009	6009	6068	6068	6068
with Bucket at Carry Position         ft/in         22'2"         22'6"         22'6"         22'3"         22'6"         22'6"         22'4"         2           Static Tipping Load, Straight (With tire deflection)         kg         13 997         13 861         14 086         13 956         13 819         14 039         13 875         1           (With tire deflection)         lb         30,860         30,559         31,055         30,768         30,467         30,951         30,590         30           Static Tipping Load, Straight (No tire deflection)         kg         14 749         14 613         14 837         14 712         14 575         14 793         14 638         14           (No tire deflection)         lb         32,517         32,217         32,710         32,434         32,133         32,614         32,272         3           Static Tipping Load,         kg         11 908         11 772         11 984         11 867         11 730         11 937         11 788         1	Lift ft/in	19'8"	19'8"	19'8"	19'9"	19'9"	19'9"	19'11"	19'11"	19'11"
Static Tipping Load, Straight (With tire deflection)         kg         13 997         13 861         14 086         13 956         13 819         14 039         13 875         1 (With tire deflection)           Static Tipping Load, Straight (No tire deflection)         kg         14 749         14 613         14 837         14 712         14 575         14 793         14 638         14 (No tire deflection)         16 32,517         32,217         32,710         32,434         32,133         32,614         32,272         3           Static Tipping Load,         kg         11 908         11 772         11 984         11 867         11 730         11 937         11 788         1	earance Circle Radius mm	6756	6837	6837	6767	6849	6849	6787	6869	6869
(With tire deflection)     lb     30,860     30,559     31,055     30,768     30,467     30,951     30,590     30       Static Tipping Load, Straight (No tire deflection)     kg     14 749     14 613     14 837     14 712     14 575     14 793     14 638     14       Static Tipping Load,     lb     32,517     32,217     32,710     32,434     32,133     32,614     32,272     3       Static Tipping Load,     kg     11 908     11 772     11 984     11 867     11 730     11 937     11 788     1	et at Carry Position ft/in	22'2"	22'6"	22'6"	22'3"	22'6"	22'6"	22'4"	22'7"	22'7"
Static Tipping Load, Straight (No tire deflection)         kg         14 749         14 613         14 837         14 712         14 575         14 793         14 638         14 638           Static Tipping Load,         lb         32,517         32,217         32,710         32,434         32,133         32,614         32,272         3           Static Tipping Load,         kg         11 908         11 772         11 984         11 867         11 730         11 937         11 788         1	ing Load, Straight kg 1	13 997	13 861	14 086	13 956	13 819	14 039	13 875	13 738	13 956
(No tire deflection)     lb     32,517     32,217     32,710     32,434     32,133     32,614     32,272     3       Static Tipping Load,     kg     11 908     11 772     11 984     11 867     11 730     11 937     11 788     1	leflection) lb 3	30,860	30,559	31,055	30,768	30,467	30,951	30,590	30,287	30,769
Static Tipping Load, kg 11 908 11 772 11 984 11 867 11 730 11 937 11 788 1	ing Load, Straight kg 1	14 749	14 613	14 837	14 712	14 575	14 793	14 638	14 501	14 718
	flection) lb 3	32,517	32,217	32,710	32,434	32,133	32,614	32,272	31,969	32,449
A . 1 . 1 (WY) 1 . 1 Cl	ing Load, kg 1	11 908	11 772	11 984	11 867	11 730	11 937	11 788	11 650	11 855
Articulated (With tire deflection) lb 26,254 25,953 26,420 26,163 25,861 26,317 25,988 2	d (With tire deflection) lb 2	26,254	25,953	26,420	26,163	25,861	26,317	25,988	25,684	26,137
Static Tipping Load, Articulated kg 12 692 12 556 12 765 12 655 12 519 12 723 12 583 1	ing Load, Articulated kg 1	12 692	12 556	12 765	12 655	12 519	12 723	12 583	12 446	12 649
(No tire deflection) lb 27,982 27,682 28,144 27,900 27,599 28,050 27,741 2	flection) lb 2	27,982	27,682	28,144	27,900	27,599	28,050	27,741	27,439	27,887
Breakout Force(§) kN 137 136 149 133 132 144 127	Force(§) kN	137	136	149	133	132	144	127	126	137
lbf 30,910 30,627 33,486 30,043 29,761 32,482 28,646 2	lbf 3	30,910	30,627	33,486	30,043	29,761	32,482	28,646	28,366	30,874
	Weight* kg 2				20 359	20 467	20 310	20 417	20 525	20 368
· · · · · · · · · · · · · · · · · · ·		44,816	45,054	44,708	44,882	45,121	44,774	45,010	45,248	44,902

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage		High Lift	t Linkage
Bucket Type		General Purpose –	Pin-On – Abrasion
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	$m^3$	3.80	4.00
	$yd^3$	5.00	5.25
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.40
	$yd^3$	5.50	5.75
Width	mm	2994	2994
	ft/in	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3197	3167
and 45° Discharge	ft/in	10'5"	10'4"
17† Reach at Maximum Lift and	mm	1496	1522
45° Discharge	ft/in	4'10"	4'11"
Reach at Level Lift Arm and	mm	3214	3254
Bucket Level	ft/in	10'6"	10'8"
A† Digging Depth	mm	131	131
	in	5.1"	5.1"
2† Overall Length	mm	9040	9080
	ft/in	29'8"	29'10"
B† Overall Height with Bucket at	mm	6093	6133
Maximum Lift	ft/in	20'0"	20'2"
Loader Clearance Circle Radius	mm	6827	6840
with Bucket at Carry Position	ft/in	22'5"	22'6"
Static Tipping Load, Straight	kg	13 738	13 684
(With tire deflection)	lb	30,287	30,168
Static Tipping Load, Straight	kg	14 505	14 456
(No tire deflection)	lb	31,979	31,870
Static Tipping Load,	kg	11 651	11 597
Articulated (With tire deflection)	lb	25,686	25,568
Static Tipping Load, Articulated	kg	12 451	12 402
(No tire deflection)	lb	27,450	27,343
Breakout Force(§)	kN	123	120
	lbf	27,819	26,979
Operating Weight*	kg	20 533	20 573
	lb	45,266	45,354

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		High Lift Linkage					
Bucket Type		Ge	neral Purpose – Hook-On – Fusion				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips			
Capacity – Rated	m <sup>3</sup>	3.30	3.30	3.10			
	$yd^3$	4.25	4.25	4.00			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.60	3.60	3.40			
	$yd^3$	4.75	4.75	4.50			
Width	mm	2958	2999	2999			
	ft/in	9'8"	9'10"	9'10"			
6† Dump Clearance at Maximum Lift	mm	3255	3138	3138			
and 45° Discharge	ft/in	10'8"	10'3"	10'3"			
7† Reach at Maximum Lift and	mm	1459	1565	1565			
45° Discharge	ft/in	4'9"	5'1"	5'1"			
Reach at Level Lift Arm and	mm	3144	3300	3300			
Bucket Level	ft/in	10'3"	10'9"	10'9"			
A† Digging Depth	mm	134	134	104			
	in	5.2"	5.2"	4.1"			
2† Overall Length	mm	8972	9140	9140			
	ft/in	29'6"	30'0"	30'0"			
B† Overall Height with Bucket at	mm	5999	5999	5999			
Maximum Lift	ft/in	19'9"	19'9"	19'9"			
Loader Clearance Circle Radius	mm	6918	6988	6988			
with Bucket at Carry Position	ft/in	22'9"	23'0"	23'0"			
Static Tipping Load, Straight	kg	13 315	13 209	13 500			
(With tire deflection)	lb	29,356	29,122	29,762			
Static Tipping Load, Straight	kg	14 064	13 958	14 251			
(No tire deflection)	lb	31,007	30,772	31,420			
Static Tipping Load,	kg	11 247	11 141	11 417			
Articulated (With tire deflection)	lb	24,797	24,562	25,172			
Static Tipping Load, Articulated	kg	12 029	11 922	12 202			
(No tire deflection)	lb	26,519	26,285	26,901			
Breakout Force(§)	kN	130	129	141			
(0)	lbf	29,332	29,091	31,734			
Operating Weight*	kg	20 888	20 971	20 818			
1 6 6 -	lb	46,049	46,232	45,896			

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linka	age			High Lift Linkage General Purposi						
Buck	cet Type		Genera	Hook-On – Fusion – Abrasion						
Edge	э Туре		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges				
(	Capacity – Rated	$m^3$	3.40	3.40	3.20	3.60				
		$yd^3$	4.50	4.50	4.25	4.75				
(	Capacity – Rated at 110% Fill Factor	$m^3$	3.70	3.70	3.50	4.00				
		$yd^3$	4.75	4.75	4.50	5.25				
7	Width	mm	2927	2994	2994	2956				
		ft/in	9'7"	9'9"	9'9"	9'8"				
16† I	Dump Clearance at Maximum Lift	mm	3229	3111	3111	3180				
a	and 45° Discharge	ft/in	10'7"	10'2"	10'2"	10'5"				
1 <b>7</b> † F	Reach at Maximum Lift and	mm	1481	1591	1591	1521				
4	45° Discharge	ft/in	4'10"	5'2"	5'2"	4'11"				
F	Reach at Level Lift Arm and	mm	3179	3340	3340	3243				
E	Bucket Level	ft/in	10'5"	10'11"	10'11"	10'7"				
A† I	Digging Depth	mm	134	134	104	133				
		in	5.2"	5.2"	4.1"	5.2"				
<b>12</b> † (	Overall Length	mm	9006	9178	9178	9071				
		ft/in	29'7"	30'2"	30'2"	29'10"				
<b>B</b> † (	Overall Height with Bucket at	mm	6028	6028	6028	6105				
N	Maximum Lift	ft/in	19'10"	19'10"	19'10"	20'1"				
I	Loader Clearance Circle Radius	mm	6914	6996	6996	6950				
v	with Bucket at Carry Position	ft/in	22'9"	23'0"	23'0"	22'10"				
S	Static Tipping Load, Straight	kg	13 363	13 226	13 516	13 144				
(	With tire deflection)	lb	29,460	29,160	29,798	28,978				
S	Static Tipping Load, Straight	kg	14 114	13 978	14 271	13 897				
(	No tire deflection)	lb	31,117	30,817	31,462	30,638				
S	Static Tipping Load,	kg	11 295	11 159	11 435	11 085				
A	Articulated (With tire deflection)	lb	24,903	24,601	25,211	24,439				
S	Static Tipping Load, Articulated	kg	12 079	11 943	12 223	11 871				
	No tire deflection)	lb	26,631	26,330	26,947	26,172				
F	Breakout Force(§)	kN	127	126	137	121				
		lbf	28,696	28,415	30,935	27,213				
(	Operating Weight*	kg	20 838	20 946	20 789	20 975				
		lb	45,938	46,177	45,830	46,240				

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

Linkage				Н	ligh Lift Linka	ge		
Bucket Type				Flat Floor	r – Pin-On			Flat Floor - Pin-On – Light Material
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges
Capacity – Rated	$m^3$		3.40		3.80			_;
Capacity – Rated	m <sup>3</sup> yd <sup>3</sup>	3.40	4.50	3.20	÷	3.80	3.60	4.40
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.50		4.25	5.00	5.00	4.75	5.75
Capacity – Rated at 110% Fill Factor		3.70	3.70	3.50	4.20	4.20	4.00	4.80
XX7' 1/1	yd <sup>3</sup>	4.75	4.75	4.50	5.50	5.50	5.25	6.25
Width	mm	2927	2994	2994	2927	2994	2994	3059
401 5 01	ft/in_	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	10'0"
16† Dump Clearance at Maximum Lift	mm	3201	3076	3076	3123	2997	2997	3068
and 45° Discharge	ft/in	10'6"	10'1"	10'1"	10'2"	9'10"	9'10"	10'0"
17† Reach at Maximum Lift and	mm	1365	1467	1467	1443	1545	1545	1487
45° Discharge	ft/in	4'5"	4'9"	4'9"	4'8"	5'0"	5'0"	4'10"
Reach at Level Lift Arm and	mm	3134	3295	3295	3245	3406	3406	3315
Bucket Level	ft/in	10'3"	10'9"	10'9"	10'7"	11'2"	11'2"	10'10"
A† Digging Depth	mm	134	134	104	134	134	104	142
	in	5.2"	5.2"	4.1"	5.2"	5.2"	4.1"	5.6"
12† Overall Length	mm	8961	9133	9133	9072	9244	9244	9148
	ft/in	29'5"	30'0"	30'0"	29'10"	30'4"	30'4"	30'1"
<b>B</b> † Overall Height with Bucket at	mm	6020	6020	6020	6118	6118	6118	6197
Maximum Lift	ft/in	19'9"	19'9"	19'9"	20'1"	20'1"	20'1"	20'4"
Loader Clearance Circle Radius	mm	6770	6851	6851	6807	6889	6889	6888
with Bucket at Carry Position	ft/in	22'3"	22'6"	22'6"	22'4"	22'8"	22'8"	22'8"
Static Tipping Load, Straight	kg	13 816	13 680	13 900	13 686	13 548	13 756	13 475
(With tire deflection)	lb	30,459	30,159	30,645	30,172	29,869	30,327	29,707
Static Tipping Load, Straight	kg	14 558	14 422	14 641	14 442	14 305	14 511	14 241
(No tire deflection)	lb	32,096	31,797	32,280	31,841	31,538	31,992	31,397
Static Tipping Load,	kg	11 746	11 610	11 818	11 617	11 479	11 675	11 409
Articulated (With tire deflection)	lb	25,897	25,597	26,055	25,611	25,307	25,739	25,153
Static Tipping Load, Articulated	kg	12 521	12 386	12 591	12 406	12 269	12 462	12 209
(No tire deflection)	lb	27,606	27,307	27,760	27,352	27,049	27,475	26,917
Breakout Force(§)	kN	132	131	143	121	120	130	114
(0)	lbf	29,766	29,484	32,164	27,310	27,031	29,346	25,739
Operating Weight*	kg	20 364	20 472	20 315	20 466	20 574	20 417	20 622
- r	p	_000.	,_	_0 010		_0 0 / 1		

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

Linkage		High Lift Linkage										
Bucket Type		Flat Floor — Hook-On — Fusion										
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	m <sup>3</sup>	3.40	3.40	3.30	3.60	3.80	3.80	3.70				
	$yd^3$	4.50	4.50	4.25	4.75	5.00	5.00	4.75				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	3.60	4.00	4.20	4.20	4.00				
	$yd^3$	4.75	4.75	4.75	5.25	5.50	5.50	5.25				
Width	mm	2927	2994	2994	2927	2927	2994	2994				
	ft/in	9'7"	9'9"	9'9"	9'7"	9'7"	9'9"	9'9"				
<b>16</b> † Dump Clearance at Maximum Lift	mm	3276	3164	3164	3141	3088	2963	2963				
and 45° Discharge	ft/in	10'8"	10'4"	10'4"	10'3"	10'1"	9'8"	9'8"				
17† Reach at Maximum Lift and	mm	1290	1379	1379	1425	1478	1580	1580				
45° Discharge	ft/in	4'2"	4'6"	4'6"	4'8"	4'10"	5'2"	5'2"				
Reach at Level Lift Arm and	mm	3028	3170	3170	3219	3294	3455	3455				
Bucket Level	ft/in	9'11"	10'4"	10'4"	10'6"	10'9"	11'4"	11'4"				
A† Digging Depth	mm	134	134	104	134	134	134	104				
	in	5.2"	5.2"	4.1"	5.2"	5.2"	5.2"	4.1"				
12† Overall Length	mm	8856	9009	9009	9046	9121	9293	9293				
	ft/in	29'1"	29'7"	29'7"	29'9"	30'0"	30'6"	30'6"				
<b>B</b> † Overall Height with Bucket at	mm	5942	5942	5942	6071	6148	6148	6148				
Maximum Lift	ft/in	19'6"	19'6"	19'6"	19'11"	20'3"	20'3"	20'3"				
Loader Clearance Circle Radius	mm	6872	6948	6948	6925	6947	7030	7030				
with Bucket at Carry Position	ft/in	22'7"	22'10"	22'10"	22'9"	22'10"	23'1"	23'1"				
Static Tipping Load, Straight	kg	13 924	13 786	14 092	13 362	13 169	13 032	13 321				
(With tire deflection)	1b	30,697	30,395	31,068	29,459	29,033	28,730	29,368				
Static Tipping Load, Straight	kg	14 704	14 567	14 878	14 121	13 926	13 789	14 083				
(No tire deflection)	lb	32,418	32,115	32,801	31,132	30,703	30,400	31,048				
Static Tipping Load,	kg	11 809	11 671	11 962	11 291	11 113	10 976	11 252				
Articulated (With tire deflection)	lb	26,034	25,731	26,372	24,893	24,501	24,198	24,808				
Static Tipping Load, Articulated	kg	12 621	12 483	12 779	12 082	11 904	11 767	12 047				
(No tire deflection)	lb	27,824	27,522	28,174	26,638	26,244	25,942	26,560				
Breakout Force(§)	kN	144	143	156	123	117	115	125				
	lbf	32,443	32,157	35,273	27,825	26,297	26,019	28,197				
Operating Weight*	kg	20 627	20 735	20 578	20 845	20 930	21 038	20 881				
	lb	45,473	45,711	45,365	45,954	46,141	46,379	46,033				

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage		High Lift Linkage									
Bucket Type		Multi	i-Purpose – Pin	-On	Multi-Purpose – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	$m^3$	2.80	2.80	2.60	2.90	2.90	2.70				
	$yd^3$	3.50	3.50	3.25	3.75	3.75	3.50				
Capacity – Rated at 110% Fill Factor	$m^3$	3.00	3.00	2.80	3.20	3.20	3.00				
	$yd^3$	4.00	4.00	3.75	4.25	4.25	4.00				
Width	mm	2942	2999	2999	3007	3000	3000				
	ft/in	9'7"	9'10"	9'10"	9'10"	9'10"	9'10"				
6† Dump Clearance at Maximum Lift	mm	3436	3329	3329	3429	3319	3319				
and 45° Discharge	ft/in	11'3"	10'11"	10'11"	11'3"	10'10"	10'10"				
7† Reach at Maximum Lift and	mm	1385	1501	1501	1475	1595	1595				
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'10"	5'2"	5'2"				
Reach at Level Lift Arm and	mm	2944	3101	3101	3021	3182	3182				
Bucket Level	ft/in	9'7"	10'2"	10'2"	9'10"	10'5"	10'5"				
A† Digging Depth	mm	161	161	131	114	114	84				
	in	6.3"	6.3"	5.1"	4.4"	4.4"	3.3"				
2† Overall Length	mm	8789	8958	8958	8836	9010	9010				
	ft/in	28'11"	29'5"	29'5"	29'0"	29'7"	29'7"				
<b>B</b> † Overall Height with Bucket at	mm	5761	5761	5761	5846	5846	5846				
Maximum Lift	ft/in	18'11"	18'11"	18'11"	19'3"	19'3"	19'3"				
Loader Clearance Circle Radius	mm	6713	6946	6946	6897	6947	6947				
with Bucket at Carry Position	ft/in	22'1"	22'10"	22'10"	22'8"	22'10"	22'10"				
Static Tipping Load, Straight	kg	13 549	13 401	13 695	13 216	13 089	13 371				
(With tire deflection)	lb	29,870	29,544	30,194	29,136	28,858	29,478				
Static Tipping Load, Straight	kg	14 275	14 127	14 429	13 980	13 854	14 142				
(No tire deflection)	lb	31,472	31,146	31,810	30,822	30,543	31,177				
Static Tipping Load,	kg	11 475	11 327	11 607	11 128	11 001	11 267				
Articulated (With tire deflection)	lb	25,299	24,973	25,589	24,533	24,254	24,841				
Static Tipping Load, Articulated	kg	12 234	12 086	12 372	11 925	11 798	12 070				
(No tire deflection)	lb	26,972	26,646	27,276	26,290	26,011	26,611				
Breakout Force(§)	kN	153	151	167	143	142	155				
<b>~</b>	lbf	34,487	34,159	37,669	32,205	31,916	35,007				
Operating Weight*	kg	20 684	20 803	20 650	21 155	21 254	21 112				
	lb	45,601	45,862	45,525	46,638	46,857	46,544				

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		High Lift Linkage					
Bucket Type		High Dump — Hook-On — Fusion					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	4.30	6.10				
	$yd^3$	5.50	8.00				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.70	6.70				
	$yd^3$	6.25	8.75				
Width	mm	3029	2910				
	ft/in	9'11"	9'6"				
6† Dump Clearance at Maximum Lift	mm	2898	2791				
and 45° Discharge	ft/in	9'6"	9'1"				
7† Reach at Maximum Lift and	mm	1581	1681				
45° Discharge	ft/in	5'2"	5'6"				
Reach at Level Lift Arm and	mm	3501	3647				
Bucket Level	ft/in	11'5"	11'11"				
A† Digging Depth	mm	195	200				
	in	7.7"	7.9"				
2† Overall Length	mm	9367	9517				
	ft/in	30'9"	31'3"				
<b>B</b> † Overall Height with Bucket at	mm	6156	6527				
Maximum Lift	ft/in	20'3"	21'5"				
Loader Clearance Circle Radius	mm	7077	7071				
with Bucket at Carry Position	ft/in	23'3"	23'3"				
Static Tipping Load, Straight	kg	12 170	12 144				
(With tire deflection)	lb	26,832	26,774				
Static Tipping Load, Straight	kg	12 916	12 985				
(No tire deflection)	lb	28,476	28,628				
Static Tipping Load,	kg	10 161	10 069				
Articulated (With tire deflection)	lb	22,402	22,198				
Static Tipping Load, Articulated	kg	10 941	10 943				
(No tire deflection)	lb	24,122	24,126				
Breakout Force(§)	kN	99	89				
	lbf	22,333	20,011				
Operating Weight*	kg	21 505	21 865				
	1b	47,409	48,203				

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		High Lift Linkage					
Bucket Type		Woodchip – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	7.70	9.20				
	$yd^3$	10.00	12.00				
Capacity – Rated at 110% Fill Factor	m³	8.40	10.10				
	$yd^3$	11.00	13.25				
Width	mm	3330	3330				
	ft/in	10'11"	10'11"				
<b>16</b> † Dump Clearance at Maximum Lift	mm	2916	2739				
and 45° Discharge	ft/in	9'6"	8'11"				
17† Reach at Maximum Lift and	mm	1657	1834				
45° Discharge	ft/in	5'5"	6'0"				
Reach at Level Lift Arm and	mm	3542	3792				
Bucket Level	ft/in	11'7"	12'5"				
A† Digging Depth	mm	129	129				
	in	5"	5"				
12† Overall Length	mm	9367	9617				
	ft/in	30'9"	31'7"				
<b>B</b> † Overall Height with Bucket at	mm	6599	6823				
Maximum Lift	ft/in	21'8"	22'5"				
Loader Clearance Circle Radius	mm	7193	7267				
with Bucket at Carry Position	ft/in	23'8"	23'11"				
Static Tipping Load, Straight	kg	13 968	13 628				
(With tire deflection)	lb	30,794	30,046				
Static Tipping Load, Straight	kg	14 901	14 589				
(No tire deflection)	lb	32,851	32,164				
Static Tipping Load,	kg	11 762	11 428				
Articulated (With tire deflection)	lb	25,931	25,195				
Static Tipping Load, Articulated	kg	12 726	12 421				
(No tire deflection)	lb	28,057	27,385				
Breakout Force(§)	kN	98	84				
(0)	lbf	22,210	18,972				
Operating Weight*	kg	21 057	21 287				
1 6 6	lb	46,423	46,930				

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		High Lift Linkage								
Bucket Type	Side	Side Dump – Hook-On – Fusion								
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges					
Capacity – Rated	m <sup>3</sup>	2.50	2.50	2.30	2.90					
	$yd^3$	3.25	3.25	3.00	3.75					
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	2.80	2.80	2.50	3.20					
	$yd^3$	3.75	3.75	3.25	4.25					
Width	mm	3065	3166	3166	3220					
	ft/in	10'0"	10'4"	10'4"	10'6"					
<b>16</b> † Dump Clearance at Maximum Lift	mm	3158	3001	3001	3194					
and 45° Discharge	ft/in	10'4"	9'10"	9'10"	10'5"					
17† Reach at Maximum Lift and	mm	1412	1514	1514	1365					
45° Discharge	ft/in	4'7"	4'11"	4'11"	4'5"					
Reach at Level Lift Arm and	mm	3197	3381	3381	3139					
Bucket Level	ft/in	10'5"	11'1"	11'1"	10'3"					
A† Digging Depth	mm	131	131	96	139					
	in	5.1"	5.1"	3.7"	5.4"					
12† Overall Length	mm	9023	9232	9232	8971					
	ft/in	29'8"	30'4"	30'4"	29'6"					
B† Overall Height with Bucket at	mm	6216	6216	6216	5960					
Maximum Lift	ft/in	20'5"	20'5"	20'5"	19'7"					
Loader Clearance Circle Radius	mm	6981	6937	6937	7034					
with Bucket at Carry Position	ft/in	22'11"	22'10"	22'10"	23'1"					
Static Tipping Load, Straight	kg	12 146	11 923	12 197	12 898					
(With tire deflection)	lb	26,777	26,286	26,890	28,436					
Static Tipping Load, Straight	kg	12 914	12 690	12 971	13 680					
(No tire deflection)	lb	28,470	27,978	28,597	30,159					
Static Tipping Load,	kg	10 118	9895	10 155	10 824					
Articulated (With tire deflection)	lb	22,307	21,816	22,389	23,863					
Static Tipping Load, Articulated	kg	10 920	10 697	10 963	11 638					
(No tire deflection)	lb	24,075	23,583	24,170	25,658					
Breakout Force(§)	kN	120	118	127	128					
	lbf	27,146	26,672	28,608	28,961					
Operating Weight*	kg	21 666	21 843	21 693	21 394					
	lb	47,764	48,154	47,823	47,164					

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

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

Linkage					Agg	gregate Han	dler			
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 <sup>3</sup>	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 <sup>3</sup>	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"
<b>16</b> † Dump Clearance at Maximum Lift	mm	2992	2874	2874	2966	2847	2847	2920	2801	2801
and 45° Discharge	ft/in	9'9"	9'5"	9'5"	9'8"	9'4"	9'4"	9'6"	9'2"	9'2"
17† Reach at Maximum Lift and	mm	1305	1415	1415	1327	1437	1437	1363	1473	1473
45° Discharge	ft/in	4'3"	4'7"	4'7"	4'4"	4'8"	4'8"	4'5"	4'10"	4'10"
Reach at Level Lift Arm and	mm	2783	2944	2944	2818	2979	2979	2878	3039	3039
Bucket Level	ft/in	9'1"	9'7"	9'7"	9'2"	9'9"	9'9"	9'5"	9'11"	9'11"
A† Digging Depth	mm	105	105	75	105	105	75	105	105	75
	in	4.1"	4.1"	2.9"	4.1"	4.1"	2.9"	4.1"	4.1"	2.9"
12† Overall Length	mm	8538	8712	8712	8573	8747	8747	8633	8807	8807
	ft/in	28'1"	28'7"	28'7"	28'2"	28'9"	28'9"	28'4"	28'11"	28'11"
<b>B</b> † Overall Height with Bucket at	mm	5675	5675	5675	5704	5704	5704	5762	5762	5762
Maximum Lift	ft/in	18'8"	18'8"	18'8"	18'9"	18'9"	18'9"	18'11"	18'11"	18'11"
Loader Clearance Circle Radius	mm	6755	6838	6838	6765	6849	6849	6782	6867	6867
with Bucket at Carry Position	ft/in	22'2"	22'6"	22'6"	22'3"	22'6"	22'6"	22'4"	22'7"	22'7"
Static Tipping Load, Straight	kg	15 251	15 112	15 396	15 184	15 045	15 319	15 057	14 917	15 190
(With tire deflection)	lb	33,624	33,317	33,942	33,477	33,168	33,774	33,197	32,886	33,490
Static Tipping Load, Straight	kg	16 111	15 970	16 259	16 046	15 905	16 184	15 922	15 780	16 059
(No tire deflection)	lb	35,519	35,209	35,845	35,376	35,064	35,681	35,103	34,789	35,404
Static Tipping Load,	kg	13 054	12 915	13 178	12 991	12 851	13 107	12 872	12 731	12 985
Articulated (With tire deflection)	lb	28,781	28,473	29,053	28,642	28,333	28,896	28,379	28,069	28,627
Static Tipping Load, Articulated	kg	13 925	13 785	14 052	13 864	13 723	13 982	13 749	13 606	13 864
(No tire deflection)	lb	30,701	30,391	30,979	30,566	30,255	30,826	30,311	29,997	30,566
Breakout Force(§)	kN	169	168	183	164	163	178	157	156	169
	lbf	38,080	37,815	41,263	37,030	36,766	40,045	35,340	35,077	38,095
Operating Weight*	kg	19 768	19 876	19 719	19 798	19 906	19 749	19 856	19 964	19 807
	lb	43,581	43,819	43,473	43,648	43,886	43,539	43,775	44,013	43,667

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage		Aggregate Handler							
Bucket Type		General Purpose – Pin-On – Abrasion							
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges					
Capacity – Rated	$m^3$	3.80	4.00	4.20					
	$yd^3$	5.00	5.25	5.50					
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.40	4.60					
	$yd^3$	5.50	5.75	6.00					
Width	mm	2994	2994	2994					
	ft/in	9'9"	9'9"	9'9"					
6† Dump Clearance at Maximum Lift	mm	2892	2862	2830					
and 45° Discharge	ft/in	9'5"	9'4"	9'3"					
<b>7</b> † Reach at Maximum Lift and	mm	1378	1404	1435					
45° Discharge	ft/in	4'6"	4'7"	4'8"					
Reach at Level Lift Arm and	mm	2909	2949	2994					
Bucket Level	ft/in	9'6"	9'8"	9'9"					
A† Digging Depth	mm	110	110	110					
	in	4.3"	4.3"	4.3"					
2† Overall Length	mm	8668	8708	8753					
	ft/in	28'6"	28'7"	28'9"					
<b>B</b> † Overall Height with Bucket at	mm	5788	5828	5868					
Maximum Lift	ft/in	19'0"	19'2"	19'4"					
Loader Clearance Circle Radius	mm	6823	6835	6849					
with Bucket at Carry Position	ft/in	22'5"	22'6"	22'6"					
Static Tipping Load, Straight	kg	14 895	14 811	14 714					
(With tire deflection)	lb	32,839	32,652	32,439					
Static Tipping Load, Straight	kg	15 761	15 679	15 585					
(No tire deflection)	lb	34,748	34,566	34,359					
Static Tipping Load,	kg	12 714	12 634	12 543					
Articulated (With tire deflection)	lb	28,029	27,854	27,653					
Static Tipping Load, Articulated	kg	13 591	13 514	13 426					
(No tire deflection)	lb	29,965	29,794	29,599					
Breakout Force(§)	kN	152	148	143					
	lbf	34,377	33,363	32,279					
Operating Weight*	kg	19 972	20 012	20 058					
1 6 6	lb	44,031	44,119	44,221					

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		Aggregate Handler							
Bucket Type		General Purpose – Hook-On – Fusion							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips					
Capacity – Rated	$m^3$	3.30	3.30	3.10					
	$yd^3$	4.25	4.25	4.00					
Capacity – Rated at 110% Fill Factor	$m^3$	3.60	3.60	3.40					
	$yd^3$	4.75	4.75	4.50					
Width	mm	2958	2999	2999					
	ft/in	9'8"	9'10"	9'10"					
6† Dump Clearance at Maximum Lift	mm	2950	2833	2833					
and 45° Discharge	ft/in	9'8"	9'3"	9'3"					
7† Reach at Maximum Lift and	mm	1341	1447	1447					
45° Discharge	ft/in	4'4"	4'8"	4'8"					
Reach at Level Lift Arm and	mm	2838	2994	2994					
Bucket Level	ft/in	9'3"	9'9"	9'9"					
A† Digging Depth	mm	113	113	83					
	in	4.4"	4.4"	3.2"					
<b>2</b> † Overall Length	mm	8600	8770	8770					
· -	ft/in	28'3"	28'10"	28'10"					
B† Overall Height with Bucket at	mm	5694	5694	5694					
Maximum Lift	ft/in	18'9"	18'9"	18'9"					
Loader Clearance Circle Radius	mm	6784	6857	6857					
with Bucket at Carry Position	ft/in	22'4"	22'6"	22'6"					
Static Tipping Load, Straight	kg	14 516	14 407	14 751					
(With tire deflection)	lb	32,002	31,762	32,522					
Static Tipping Load, Straight	kg	15 360	15 250	15 606					
(No tire deflection)	lb	33,864	33,621	34,406					
Static Tipping Load,	kg	12 351	12 241	12 565					
Articulated (With tire deflection)	lb	27,229	26,988	27,702					
Static Tipping Load, Articulated	kg	13 208	13 097	13 432					
(No tire deflection)	lb	29,118	28,875	29,612					
Breakout Force(§)	kN	161	160	174					
	lbf	36,225	36,002	39,191					
Operating Weight*	kg	20 328	20 411	20 258					
	lb	44,815	44,997	44,661					

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

Linkage		Aggregate Handler							
Bucket Type	Genera	General Purpose – Hook-On – Fusion – Abrasion							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges				
Capacity – Rated	$m^3$	3.40	3.40	3.20	3.60				
	$yd^3$	4.50	4.50	4.25	4.75				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	3.50	4.00				
	$yd^3$	4.75	4.75	4.50	5.25				
Width	mm	2927	2994	2994	2956				
	ft/in	9'7"	9'9"	9'9"	9'8"				
<b>16</b> † Dump Clearance at Maximum Lift	mm	2924	2805	2805	2875				
and 45° Discharge	ft/in	9'7"	9'2"	9'2"	9'5"				
17† Reach at Maximum Lift and	mm	1363	1473	1473	1403				
45° Discharge	ft/in	4'5"	4'10"	4'10"	4'7"				
Reach at Level Lift Arm and	mm	2873	3034	3034	2937				
Bucket Level	ft/in	9'5"	9'11"	9'11"	9'7"				
A† Digging Depth	mm	113	113	83	112				
	in	4.4"	4.4"	3.2"	4.4"				
12† Overall Length	mm	8634	8807	8807	8699				
· -	ft/in	28'4"	28'11"	28'11"	28'7"				
<b>B</b> † Overall Height with Bucket at	mm	5723	5723	5723	5800				
Maximum Lift	ft/in	18'10"	18'10"	18'10"	19'1"				
Loader Clearance Circle Radius	mm	6781	6866	6866	6818				
with Bucket at Carry Position	ft/in	22'3"	22'7"	22'7"	22'5"				
Static Tipping Load, Straight	kg	14 543	14 404	14 741	14 275				
(With tire deflection)	lb	32,063	31,756	32,499	31,470				
Static Tipping Load, Straight	kg	15 390	15 249	15 597	15 116				
(No tire deflection)	lb	33,929	33,619	34,386	33,326				
Static Tipping Load,	kg	12 382	12 243	12 560	12 129				
Articulated (With tire deflection)	lb	27,298	26,991	27,691	26,740				
Static Tipping Load, Articulated	kg	13 241	13 100	13 428	12 983				
(No tire deflection)	lb	29,191	28,881	29,604	28,623				
Breakout Force(§)	kN	157	156	169	149				
	lbf	35,422	35,157	38,192	33,608				
Operating Weight*	kg	20 277	20 385	20 228	20 414				
	lb	44,704	44,942	44,595	45,005				

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage		Aggregate Handler								
Bucket Type				Flat Floo	r – Pin-On			Flat Floor Pin-On – Light Material		
		Bolt-On Bolt-On								
		Cutting	Teeth and		Cutting	Teeth and		Bolt-On Cutting		
Edge Type		Edges	Segments	Tips	Edges	Segments	Tips	Edges		
Capacity – Rated	$m^3$	3.40	3.40	3.20	3.80	3.80	3.60	4.40		
	yd³	4.50	4.50	4.25	5.00	5.00	4.75	5.75		
Capacity - Rated at 110% Fill Factor	$m^3$	3.70	3.70	3.50	4.20	4.20	4.00	4.80		
	$yd^3$	4.75	4.75	4.50	5.50	5.50	5.25	6.25		
Width	mm	2927	2994	2994	2927	2994	2994	3059		
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	10'0"		
16† Dump Clearance at Maximum Lift	mm	2896	2771	2771	2818	2692	2692	2763		
and 45° Discharge	ft/in	9'6"	9'1"	9'1"	9'2"	8'10"	8'10"	9'0"		
17† Reach at Maximum Lift and	mm	1247	1349	1349	1325	1427	1427	1369		
45° Discharge	ft/in	4'1"	4'5"	4'5"	4'4"	4'8"	4'8"	4'5"		
Reach at Level Lift Arm and	mm	2828	2989	2989	2939	3100	3100	3009		
Bucket Level	ft/in	9'3"	9'9"	9'9"	9'7"	10'2"	10'2"	9'10"		
A† Digging Depth	mm	113	113	83	113	113	83	121		
	in	4.4"	4.4"	3.2"	4.4"	4.4"	3.2"	4.7"		
12† Overall Length	mm	8589	8762	8762	8700	8873	8873	8776		
	ft/in	28'3"	28'9"	28'9"	28'7"	29'2"	29'2"	28'10"		
<b>B</b> † Overall Height with Bucket at	mm	5714	5714	5714	5813	5813	5813	5891		
Maximum Lift	ft/in	18'9"	18'9"	18'9"	19'1"	19'1"	19'1"	19'4"		
Loader Clearance Circle Radius	mm	6771	6855	6855	6804	6888	6888	6887		
with Bucket at Carry Position	ft/in	22'3"	22'6"	22'6"	22'4"	22'8"	22'8"	22'8"		
Static Tipping Load, Straight	kg	15 022	14 883	15 157	14 810	14 669	14 928	14 531		
(With tire deflection)	lb	33,118	32,812	33,416	32,652	32,341	32,911	32,035		
Static Tipping Load, Straight	kg	15 865	15 725	16 004	15 661	15 519	15 781	15 384		
(No tire deflection)	lb	34,977	34,668	35,283	34,528	34,214	34,792	33,917		
Static Tipping Load,	kg	12 851	12 712	12 967	12 651	12 510	12 750	12 384		
Articulated (With tire deflection)	lb	28,332	28,025	28,587	27,891	27,581	28,111	27,303		
Static Tipping Load, Articulated	kg	13 706	13 566	13 825	13 514	13 372	13 616	13 250		
(No tire deflection)	lb	30,218	29,909	30,480	29,795	29,481	30,018	29,213		
Breakout Force(§)	kN	163	162	176	150	148	161	141		
	lbf	36,711	36,446	39,676	33,738	33,475	36,259	31,887		
Operating Weight*	kg	19 803	19 911	19 754	19 905	20 013	19 856	20 061		
- L	lb	43,659	43,897	43,550	43,883	44,121	43,775	44,227		

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage				Αç	gregate Hand	ler		
Bucket Type				Flat Flo	or – Hook-On -	- Fusion		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	$m^3$	3.40	3.40	3.30	3.60	3.80	3.80	3.70
	$yd^3$	4.50	4.50	4.25	4.75	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	3.60	4.00	4.20	4.20	4.00
	$yd^3$	4.75	4.75	4.75	5.25	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	2970	2859	2859	2836	2783	2658	2658
and 45° Discharge	ft/in	9'8"	9'4"	9'4"	9'3"	9'1"	8'8"	8'8"
17† Reach at Maximum Lift and	mm	1172	1261	1261	1307	1360	1462	1462
45° Discharge	ft/in	3'10"	4'1"	4'1"	4'3"	4'5"	4'9"	4'9"
Reach at Level Lift Arm and	mm	2723	2864	2864	2913	2988	3149	3149
Bucket Level	ft/in	8'11"	9'4"	9'4"	9'6"	9'9"	10'3"	10'3"
A† Digging Depth	mm	113	113	83	113	113	113	83
	in	4.4"	4.4"	3.2"	4.4"	4.4"	4.4"	3.2"
12† Overall Length	mm	8484	8638	8638	8674	8749	8922	8922
	ft/in	27'11"	28'5"	28'5"	28'6"	28'9"	29'4"	29'4"
<b>B</b> † Overall Height with Bucket at	mm	5637	5637	5637	5766	5843	5843	5843
Maximum Lift	ft/in	18'6"	18'6"	18'6"	18'11"	19'3"	19'3"	19'3"
Loader Clearance Circle Radius	mm	6737	6815	6815	6793	6816	6902	6902
with Bucket at Carry Position	ft/in	22'2"	22'5"	22'5"	22'4"	22'5"	22'8"	22'8"
Static Tipping Load, Straight	kg	15 174	15 035	15 389	14 515	14 260	14 119	14 452
(With tire deflection)	lb	33,454	33,147	33,927	32,002	31,437	31,128	31,862
Static Tipping Load, Straight	kg	16 065	15 924	16 292	15 367	15 102	14 961	15 305
(No tire deflection)	lb	35,417	35,107	35,917	33,880	33,296	32,983	33,742
Static Tipping Load,	kg	12 956	12 817	13 149	12 354	12 123	11 982	12 296
Articulated (With tire deflection)	lb	28,564	28,256	28,989	27,237	26,726	26,417	27,109
Static Tipping Load, Articulated	kg	13 857	13 716	14 062	13 218	12 978	12 836	13 161
(No tire deflection)	lb	30,550	30,239	31,001	29,142	28,613	28,300	29,016
Breakout Force(§)	kN	177	176	193	152	144	143	155
	lbf	39,960	39,692	43,456	34,367	32,521	32,258	34,874
Operating Weight*	kg	20 066	20 174	20 017	20 284	20 369	20 477	20 320
	lb	44,238	44,476	44,130	44,719	44,906	45,144	44,798

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

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

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

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

Linkage Aggregate Handler							
Bucket Type		Multi	i-Purpose – Pin	-On	Multi-Purp	ose – Hook-On	n – Fusion
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	$m^3$	2.80	2.80	2.60	2.90	2.90	2.70
	$yd^3$	3.50	3.50	3.25	3.75	3.75	3.50
Capacity – Rated at 110% Fill Factor	$m^3$	3.00	3.00	2.80	3.20	3.20	3.00
	$yd^3$	4.00	4.00	3.75	4.25	4.25	4.00
Width	mm	2942	2999	2999	3007	3000	3000
	ft/in	9'7"	9'10"	9'10"	9'10"	9'10"	9'10"
6† Dump Clearance at Maximum Lift	mm	3131	3023	3023	3123	3014	3014
and 45° Discharge	ft/in	10'3"	9'11"	9'11"	10'2"	9'10"	9'10"
17† Reach at Maximum Lift and	mm	1268	1384	1384	1358	1477	1477
45° Discharge	ft/in	4'1"	4'6"	4'6"	4'5"	4'10"	4'10"
Reach at Level Lift Arm and	mm	2638	2795	2795	2716	2877	2877
Bucket Level	ft/in	8'7"	9'2"	9'2"	8'10"	9'5"	9'5"
A† Digging Depth	mm	140	140	110	93	93	63
	in	5.5"	5.5"	4.3"	3.6"	3.6"	2.4"
12† Overall Length	mm	8420	8590	8590	8462	8637	8637
-	ft/in	27'8"	28'3"	28'3"	27'10"	28'5"	28'5"
<b>B</b> † Overall Height with Bucket at	mm	5455	5455	5455	5541	5541	5541
Maximum Lift	ft/in	17'11"	17'11"	17'11"	18'3"	18'3"	18'3"
Loader Clearance Circle Radius	mm	6735	6813	6813	6763	6815	6815
with Bucket at Carry Position	ft/in	22'2"	22'5"	22'5"	22'3"	22'5"	22'5"
Static Tipping Load, Straight	kg	14 882	14 731	15 068	14 446	14 317	14 641
(With tire deflection)	lb	32,810	32,478	33,219	31,849	31,564	32,278
Static Tipping Load, Straight	kg	15 716	15 564	15 914	15 310	15 179	15 517
(No tire deflection)	lb	34,648	34,313	35,084	33,753	33,466	34,210
Static Tipping Load,	kg	12 692	12 541	12 857	12 260	12 131	12 434
Articulated (With tire deflection)	lb	27,981	27,648	28,344	27,029	26,745	27,413
Static Tipping Load, Articulated	kg	13 538	13 386	13 714	13 136	13 005	13 321
(No tire deflection)	lb	29,847	29,511	30,235	28,959	28,672	29,369
Breakout Force(§)	kN	189	188	206	176	175	192
	lbf	42,571	42,257	46,517	39,738	39,474	43,218
Operating Weight*	kg	20 124	20 243	20 090	20 595	20 694	20 552
	lb	44,366	44,627	44,290	45,403	45,622	45,309

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage Aggregate Handler			
Bucket Type		High Dump – H	ook-On – Fusion
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	4.30	6.10
	$yd^3$	5.50	8.00
Capacity – Rated at 110% Fill Factor	$m^3$	4.70	6.70
	$yd^3$	6.25	8.75
Width	mm	3029	2910
	ft/in	9'11"	9'6"
16† Dump Clearance at Maximum Lift	mm	2593	2486
and 45° Discharge	ft/in	8'6"	8'1"
17† Reach at Maximum Lift and	mm	1463	1563
45° Discharge	ft/in	4'9"	5'1"
Reach at Level Lift Arm and	mm	3195	3341
Bucket Level	ft/in	10'5"	10'11"
A† Digging Depth	mm	174	179
	in	6.8"	7"
12† Overall Length	mm	9001	9151
	ft/in	29'7"	30'1"
<b>B</b> † Overall Height with Bucket at	mm	5850	6222
Maximum Lift	ft/in	19'3"	20'5"
Loader Clearance Circle Radius	mm	6949	6945
with Bucket at Carry Position	ft/in	22'10"	22'10"
Static Tipping Load, Straight	kg	13 107	12 888
(With tire deflection)	lb	28,896	28,413
Static Tipping Load, Straight	kg	13 912	13 771
(No tire deflection)	lb	30,671	30,361
Static Tipping Load,	kg	11 041	10 791
Articulated (With tire deflection)	lb	24,342	23,790
Static Tipping Load, Articulated	kg	11 860	11 685
(No tire deflection)	lb	26,148	25,761
Breakout Force(§)	kN	123	111
	lbf	27,856	25,109
Operating Weight*	kg	20 944	21 304
1 6 6 -	lb	46,174	46,968

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		Aggregat	e Handler
Bucket Type		Woodchip – Ho	ook-On – Fusion
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	$m^3$	7.70	9.20
	$yd^3$	10.00	12.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	8.40	10.10
	$yd^3$	11.00	13.25
Width	mm	3330	3330
	ft/in	10'11"	10'11"
<b>16</b> † Dump Clearance at Maximum Lift	mm	2611	2434
and 45° Discharge	ft/in	8'6"	7'11"
17† Reach at Maximum Lift and	mm	1539	1716
45° Discharge	ft/in	5'0"	5'7"
Reach at Level Lift Arm and	mm	3236	3487
Bucket Level	ft/in	10'7"	11'5"
A† Digging Depth	mm	108	108
	in	4.2"	4.2"
12† Overall Length	mm	8994	9244
	ft/in	29'7"	30'4"
<b>B</b> † Overall Height with Bucket at	mm	6294	6518
Maximum Lift	ft/in	20'8"	21'5"
Loader Clearance Circle Radius	mm	7069	7148
with Bucket at Carry Position	ft/in	23'3"	23'6"
Static Tipping Load, Straight	kg	14 856	14 346
(With tire deflection)	lb	32,753	31,629
Static Tipping Load, Straight	kg	15 876	15 371
(No tire deflection)	lb	35,001	33,888
Static Tipping Load,	kg	12 604	12 125
Articulated (With tire deflection)	lb	27,787	26,731
Static Tipping Load, Articulated	kg	13 630	13 156
(No tire deflection)	lb	30,049	29,005
Breakout Force(§)	kN	122	105
	lbf	27,565	23,670
Operating Weight*	kg	20 497	20 727
	lb	45,188	45,695

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

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

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

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

<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

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

Linkage		Aggregate Handler						
Bucket Type		Side	Side Dump – Pin-On – Abrasion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	2.50	2.50	2.30	2.90			
	$yd^3$	3.25	3.25	3.00	3.75			
Capacity – Rated at 110% Fill Factor	$m^3$	2.80	2.80	2.50	3.20			
	$yd^3$	3.75	3.75	3.25	4.25			
Width	mm	3065	3166	3166	3220			
	ft/in	10'0"	10'4"	10'4"	10'6"			
<b>16</b> † Dump Clearance at Maximum Lift	mm	2853	2695	2695	2888			
and 45° Discharge	ft/in	9'4"	8'10"	8'10"	9'5"			
17† Reach at Maximum Lift and	mm	1294	1397	1397	1247			
45° Discharge	ft/in	4'2"	4'7"	4'7"	4'1"			
Reach at Level Lift Arm and	mm	2891	3075	3075	2834			
Bucket Level	ft/in	9'5"	10'1"	10'1"	9'3"			
A† Digging Depth	mm	110	110	75	118			
	in	4.3"	4.3"	2.9"	4.6"			
12† Overall Length	mm	8651	8864	8864	8599			
	ft/in	28'5"	29'1"	29'1"	28'3"			
<b>B</b> † Overall Height with Bucket at	mm	5911	5911	5911	5655			
Maximum Lift	ft/in	19'5"	19'5"	19'5"	18'7"			
Loader Clearance Circle Radius	mm	6850	6965	6965	6903			
with Bucket at Carry Position	ft/in	22'6"	22'11"	22'11"	22'8"			
Static Tipping Load, Straight	kg	13 065	12 842	13 146	13 991			
(With tire deflection)	lb	28,805	28,312	28,982	30,846			
Static Tipping Load, Straight	kg	13 892	13 666	13 983	14 858			
(No tire deflection)	lb	30,628	30,129	30,827	32,757			
Static Tipping Load,	kg	10 985	10 762	11 047	11 839			
Articulated (With tire deflection)	lb	24,219	23,726	24,355	26,101			
Static Tipping Load, Articulated	kg	11 826	11 599	11 897	12 718			
(No tire deflection)	lb	26,072	25,572	26,229	28,039			
Breakout Force(§)	kN	149	148	158	159			
	lbf	33,694	33,278	35,612	35,882			
Operating Weight*	kg	21 105	21 282	21 132	20 833			
	lb	46,529	46,919	46,588	45,929			

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

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

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

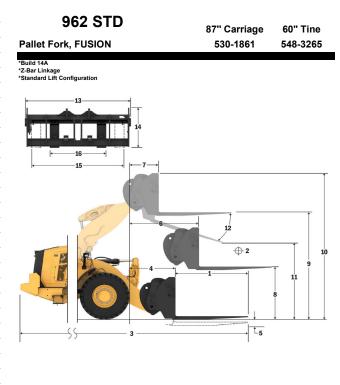
<sup>\*\*\*</sup>Rock bucket specifications are given on Bridgestone 23.5R25 VSDL L5 radial tires.

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

## **Fork Specifications**

Fork Specifications
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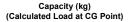
	rk opcomedions		
1	Tine Length	mm	1524
		in mm	60.0 762
2	Load Center	in	30.0
		kg	10103
	Static Tipping Load - Straight (Forks Level)	lbs	22268
	Otatio Timping Local Astrodated (Fodes Local)	kg	8730
	Static Tipping Load - Articulated (Forks Level)	lbs	19241
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4365
	Nated Load (SAE 31197 - 30 % F131L)	lbs	9621
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5238
	Nated Edad (CEN EN 474-3 Nough Terrain - 00 /0 1 101E)	lbs	11545
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6984
	Traica Edda (DEIT EIT 474 OT IIIII and Edvar Ground - 00% 1 TOTE)	lbs	15393
3	Maximum Overall Length	mm	9044
_	Maximum Overali Eengin	in	356.1
4	Reach with Forks at Ground Level	mm	1293
	Trouble Mari onto at Oroana Eoro	in	50.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-170
	<del></del>	in	-6.7
6	Reach with Arms Horizontal and Forks Level	mm	1782
		in	70.2
7	Reach with Fork at Maximum Height	mm	860
	<u> </u>	in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1740
		in mm	68.5 3858
9	Ground to Top of Tine at Maximum Height and Fork Level	in	151.9
		mm	4633
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	182.4
		mm	2466
11	Clearance at Full Lift and Max Dump	in	97.1
	M D: 1 A 1 C 11 : 11		
12	Max Discharge Angle from Horizontal	deg	48
40	OII O	mm	2217
13	Overall Carriage Width	in	87.3
11	Overall Carriage Height	mm	840
14	Overall Carriage neight	in	33.1
15	Outside Tine Width (max spread)	mm	2070
13	Outside Title Width (Max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Odbide Tille Width (mill spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	Title Widat (Single title)	in	5.9
	Tine Thickness	mm	65.0
	***************************************	in	2.6
	Tine Capacity	kg	6300
	- 1 2	lbs	13885
	Operating Weight	kg	18660
	· · · · · · · · · · · · · · · · · · ·	lbs	41127

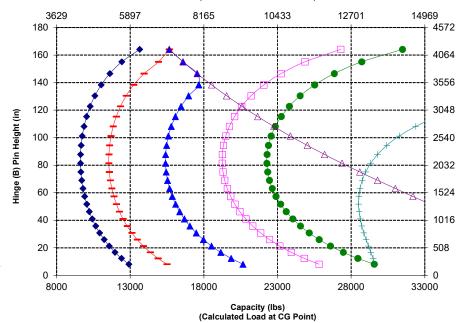


Hinge (B) Pin Height (mm)

- Payload (CEN EN 474-3 - Rough Ter

→ Payload (CEN EN 474-3 - Firm & Level)





NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lutricater, and Operator. 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 or loady terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on firm and level cround or limits.

tipping load on firm and level ground or hydraulic limit.

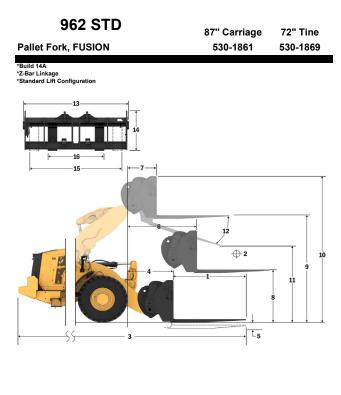
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for Standardization



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

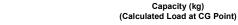
#### **Fork Specifications**

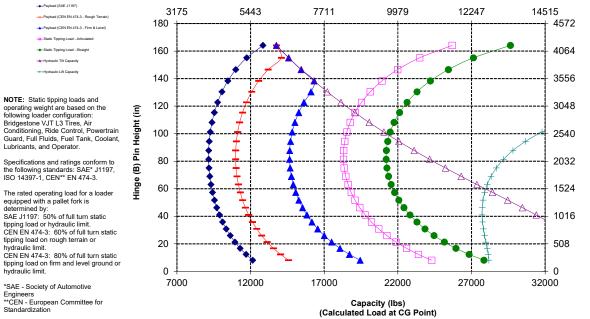
	opeomeanerie		
1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Load Ceriter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9619 21200
		ka	8305
	Static Tipping Load - Articulated (Forks Level)	lbs	18304
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4153
	Trailed Educ (ST/E 01107 - 00701 101E)	lbs	9152
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4983
_	<u> </u>	lbs ka	10983 6240
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13752
3	Maximum Overall Length	mm	9350
_	Maximum Overali Lengui	in	368.1
4	Reach with Forks at Ground Level	mm	1293
_		in	50.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-170 -6.7
_		mm	1782
6	Reach with Arms Horizontal and Forks Level	in	70.2
7	Reach with Fork at Maximum Height	mm	860
<u>'</u>	Reach with Fork at Maximum Height	in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1740
_	<u>'</u>	in	68.5 3858
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	151.9
40	O	mm	4633
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	182.4
11	Clearance at Full Lift and Max Dump	mm	2240
	Oldardino de l'all'Elit dira max Bamp	in	88.2
12	Max Discharge Angle from Horizontal	deg	48
13	Overall Carriage Width	mm in	2217 87.3
		mm	840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	Outside Tille 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
	Tion Thinks and	mm	65.0
	Tine Thickness	in	2.6
	Tine Capacity	kg	5246
	inic acpacy	lbs	11562
	Operating Weight	kg lbs	18707 41230
		IDS	41230



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

Payload (CEN EN 474-3 - Firm & Level





tipping load on firm and level ground or hydraulic limit. \*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for Standardization

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 sough terrain or hydraulic limit.



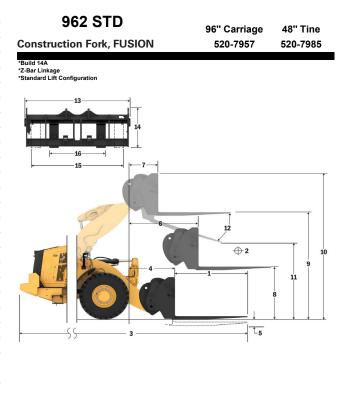
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

## **Fork Specifications**

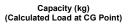
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rork	Spec	писат	iions

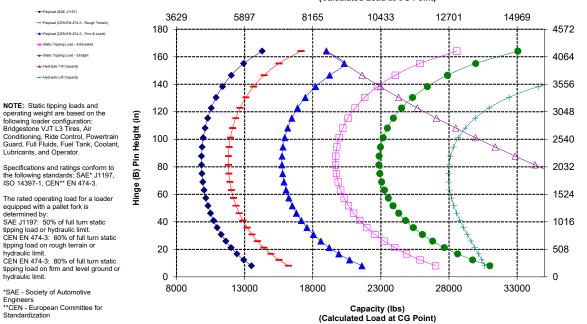
Intercenting		ik opecinications		
2   Load Center	1	Tine Length		1219
Static Tipping Load - Straight (Forks Level)	_			
Static Tipping Load - Straight (Forks Level)   bs   2284	2	Load Center		
Static Tipping Load - Articulated (Forks Level)   Ibs   1966		Static Tipping Load Straight (Early Loyal)	kg	10365
Rated Load (SAE J1197 - 50% FTSTL)   Bis   9868   8486		Static Tipping Load - Straight (Forks Level)	lbs	22845
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		8924
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   bis   9834   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   kg   7139   Ibs   1739				
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)         kg bs 1834 lbs 1818           Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg 7139 lbs 15731           3 Maximum Overall Length         mm 823 lbs 15731           4 Reach with Forks at Ground Level         in 49.2 lbs 16731           5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 92.2 lbs 16735           6 Reach with Arms Horizontal and Forks Level         mm 9353 lbs 16735           7 Reach with Fork at Maximum Height         mm 853 lbs 16735           8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 lbs 16735           9 Ground to Top of Tine at Maximum Height and Fork Level         mm 3963 lbs 16735           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003 lbs 16735           11 Clearance at Full Lift and Max Dump         mm 2003 lbs 16735           12 Max Discharge Angle from Horizontal         deg 54           13 Overall Carriage Width         mm 2778 lbs 17355           14 Overall Carriage Height         mm 2778 lbs 17355           15 Outside Tine Width (max spread)         mm 2778 lbs 17355           16 Outside Tine Width (min spread)         mm 2778 lbs 17355           17 Ine Capacity         lbs 22200 lbs 48925           Operating Weight         kg 18925		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Ibs   1180   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   1573   Ibs				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg 17139 lbs 1573           3 Maximum Overall Length         mm 8695 in 342.3           4 Reach with Forks at Ground Level         im 49.2           5 *Ground to Bottom of Tine at Minimum Height and Fork Level in -3.6 in 69.9         mm -3.6 in 69.9           6 Reach with Arms Horizontal and Forks Level in -3.6 in 69.9         mm -37.6 in 69.9           7 Reach with Fork at Maximum Height         in 33.6 in 72.6 in 72.7 in Width (min spread)           16 Outside Tine Width (min spread)         mm 2528 in 72.6 in 72.1 in 72		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
1573   1573				
Maximum Overall Length   In   342.3   Maximum Overall Length   In   342.3   Maximum Overall Length   In   1244   Max   Maximum Height and Fork Level   In   49.2   Max   Maximum Height   In   3.6		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% F1S1L)		15735
Reach with Forks at Ground Level   mm   1342.5   mm   149.2   mm   149.2   mm   149.2   mm   149.2   mm   149.2   mm   160.2   mm   1775   mm   1775	•	Maximum Overall Length		8695
4         Reach with Forks at Ground Level         in         49.2           5         "Ground to Bottom of Tine at Minimum Height and Fork Level         mm         -91           6         Reach with Arms Horizontal and Forks Level         mm         1775           7         Reach with Fork at Maximum Height         mm         833           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm         1844           9         Ground to Top of Tine at Maximum Height and Fork Level         mm         3963           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         5003           11         Clearance at Full Lift and Max Dump         mm         2504           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         in         99.5           14         Overall Carriage Height         mm         2178           15         Outside Tine Width (max spread)         mm         2178           16         Outside Tine Width (min spread)         mm         2178           Tine Width (single tine)         mm         180.0           Tine Capacity         lb         48925           Operation Weight <t< td=""><td>3</td><td>Maximum Overali Lengin</td><td>in</td><td>342.3</td></t<>	3	Maximum Overali Lengin	in	342.3
1	4	Reach with Forks at Ground Level	mm	1249
1		Treach with Forks at Ground Level		
Reach with Arms Horizontal and Forks Level   mm   17-3-16   in   69.9   mm   69.0   mm	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
Reach with Fork at Maximum Height				
7         Reach with Fork at Maximum Height         mm a 853 in a 33.6 in 33.6 in 33.6 in 33.6 in 33.6 in 34.6 in 72.6 in 72.	6	Reach with Arms Horizontal and Forks Level		
Reactif will Flork at Maximum Height   in     33.6 mm   1844   in   72.6 mm   1845   in   72.6 mm   1845   in   1865   in				
8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 in 72.6           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3963 in 165.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 505.0           11         Clearance at Full Lift and Max Dump         mm 26.7           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 25.2           14         Overall Carriage Height         mm 13.0           15         Outside Tine Width (max spread)         mm 2178 in 217.7           16         Outside Tine Width (min spread)         mm 576 in 22.7           Tine Width (single tine)         mm 180.0 in 7.5           Tine Capacity         mm 90.0 in 3.5           Tine Capacity         kg 22200 (bs 48925)           Operating Weight         kg 18982	7	Reach with Fork at Maximum Height		
6 Ground to Top of Time with Affils Holding and Fork Level         in 72.6 mm 72.6 mm 73.6 mm 75.6 mm 75.0 mm	-			
9         Ground to Top of Tine at Maximum Height and Fork Level         mm         3963 in 1565 in 1565 in 1565 in 1565 in 1565 in 1570 in 197.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         5003 in 197.0           11         Clearance at Full Lift and Max Dump         mm         266 in 104.8           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         278 in 99.5           14         Overall Carriage Height         mm         2178 in 4130 in 1430 in	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   508.0   mm   1097.0   mm   1097.0   mm   1097.0   mm   1097.0   mm   1097.0   mm   1097.0   mm   104.8   mm	_	Cround to Ton of Tine at Maximum Height and Fark Lavel		3963
197.0   197.	9	Ground to Top of Time at Maximum Height and Fork Level	in	156.0
11   Clearance at Full Lift and Max Dump   mm   19/02   in   104.8       12   Max Discharge Angle from Horizontal   deg   54     13   Overall Carriage Width   in   99.5       14   Overall Carriage Height   mm   1130   in   41.5       15   Outside Tine Width (max spread)   mm   2178   in   87.6       16   Outside Tine Width (min spread)   mm   576   in   22.7       Tine Width (single tine)   mm   180.0   in   7.1       Tine Thickness   mm   90.0   in   3.5       Tine Capacity   kg   22200   lbs   48925       Operating Weight   kg   18982   19.4       Operating Weight   kg   18982   19.4       Operating Weight   kg   18982   kg   18982       Operating Weight   kg   18982       Operating	10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5003
11 Clearance at rul Litt and Max Dump   in   104.8     12 Max Discharge Angle from Horizontal   deg   54     13 Overall Carriage Width   mm   2528     14 Overall Carriage Height   mm   1130     15 Outside Tine Width (max spread)   mm   2178     16 Outside Tine Width (min spread)   mm   276     16 Outside Tine Width (min spread)   mm   276     17 Tine Width (single tine)   mm   180.0     18 Tine Thickness   mm   90.0     18 Tine Capacity   deg   325     18 Operating Weight   deg   348     18		everall Height of Fork at Fall Ent (top of earnage to ground)	in	197.0
12 Max Discharge Angle from Horizontal   deg   54     13 Overall Carriage Width   mm   2528     14 Overall Carriage Height   mm   41.5     15 Outside Tine Width (max spread)   mm   2178     16 Outside Tine Width (min spread)   mm   576     17 Ine Width (single tine)   mm   180.0     18 Tine Thickness   mm   90.0     19 Tine Capacity   kg   22200     10 Operating Weight   kg   18925     11 Operating Weight   kg   18925     12 Operating Weight   kg   18925     13 Operating Weight   kg   18925     14 Overall Carriage Weight   kg   18925     15 Operating Weight   kg   18925     16 Operating Weight   kg   18925     17 Operating Weight   kg   18925     18 Operating Weight	11	Clearance at Full Lift and Max Dump		
13   Overall Carriage Width   mm   2528   in   99.5     14   Overall Carriage Height   mm   1415     15   Outside Tine Width (max spread)   mm   576   in   85.7     16   Outside Tine Width (min spread)   mm   576   in   22.7     Tine Width (single tine)   mm   180.0   in   7.1     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   kg   22200   lbs   48925     Operating Weight   kg   18925     Operating Weight   kg   18925     10   Operating Weight   kg   18925   kg   18925   kg   18925     10   Operating Weight   kg   18925   kg   18925   kg   18925     10   Operating Weight   kg   18925   kg   18925   kg   18925     10   Operating Weight   kg   18925   kg   18925   kg   18925     11   12   12   12   12   12   12			ın	104.8
13 Overall Carriage Width   in 99.5   mm 1130   mm 113	12	Max Discharge Angle from Horizontal	deg	54
14   Overall Carriage Height   mm   193.5   mm   194.5   mm   194.5   mm   194.5   mm   194.5   mm   194.5   mm   214.7   mm   217.7   mm   576.6   mm   576.6   mm   576.6   mm   576.6   mm   576.6   mm   180.0   mm   180.0	42	Overall Carriage Width	mm	2528
14 Overall Carriage Height   in   44,5	13	Overall Carriage Width	in	
15 Outside Tine Width (max spread)   mm   44.5   mm   55.7   mm   50.0   mm	14	Overall Carriage Height	mm	1130
16 Outside Tine Width (min spread)   m   85.7   mm   576   min   22.7   min   Width (single tine)   mm   180.0   min   7.7   min   180.0   min   7.7   min   7.7		Overall Carriage Fieight		
16 Outside Tine Width (min spread)   mm   576   mm   22.7	15	Outside Tine Width (max spread)		
Tine Width (single tine)	_	· ' ' '		
Tine Width (single tine)         mm in 7.1 in 7.1         18.0 in 7.1           Tine Thickness         mm 90.0 in 3.5           Tine Capacity         kq 2222           Operating Weight         kg 18965           Operating Weight         kg 18965	16	Outside Tine Width (min spread)		
Tine Width (single tine)   in   7.1		T: 140 m / : 1 m )		
Tine Thickness   mm   90.0		rine viratin (single tine)		
In 3.5		Tino Thickness	mm	90.0
Operating Weight kg 18969		THE THICKNESS	in	3.5
Operating Weight kg 18969		Tine Canacity		22200
		Timo dapating		48929
. 5 5 lbs 41808		Operating Weight		18969
		-1 5 5	lbs	41808



Hinge (B) Pin Height (mm)

Payload (CEN EN 474-3 - Firm & Level)





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

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

Lubricants, and Operator.

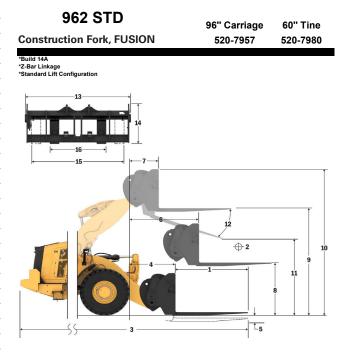
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\*\*CEN - European Committee for



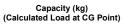
<sup>\*</sup>Negative values indicate below grade

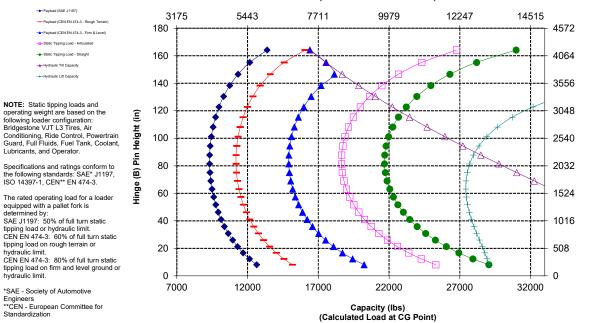
#### **Fork Specifications**

	nk opcomoduons		
1	Tine Length	mm	1524
	<u> </u>	in mm	60.0 762
2	Load Center	in	30.0
		kg	9831
	Static Tipping Load - Straight (Forks Level)	lbs	21668
	0.5 7	kg	8455
	Static Tipping Load - Articulated (Forks Level)	lbs	18634
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4227
	Rated Load (SAE 31197 - 50% F151L)	lbs	9317
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5073
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F 131L)	lbs	11180
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6764
	Trated Load (OLIV LIV 474-31 IIIII and Level Gloding - 00 /01 131L)	lbs	14907
3	Maximum Overall Length	mm	9000
	Waximam Overali Eengui	in	354.3
4	Reach with Forks at Ground Level	mm	1249
	Trough Mari Sino at Ground Love	in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
	<del></del>	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1775
		in	69.9
7	Reach with Fork at Maximum Height	mm	853
		in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
	<u> </u>	in	72.6 3963
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	156.0
		mm	5003
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	197.0
		mm	2415
11	Clearance at Full Lift and Max Dump	in	95.1
12	Max Discharge Angle from Horizontal	deg	54
40	Occasion - Middle	mm	2528
13	Overall Carriage Width	in	99.5
11	Overall Carriage Height	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	Outside Title Width (Max Spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Catalac Tille Triadi (Tilli Oproda)	in	22.7
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq	17800
	<u> </u>	lbs	39231
	Operating Weight	kq	19035 41953
		lbs	41953



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







Lubricants, and Operator.

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

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

\*SAE - Society of Automotive Engineers
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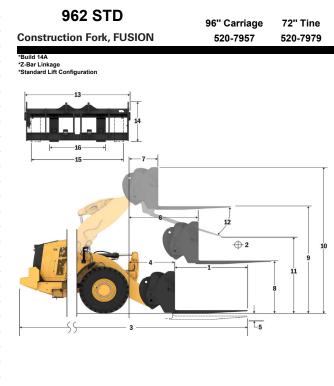
> WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

## **Fork Specifications**

#### **Fork Specifications**

Interestingtiff   Interest   In		nk Opcomoduons		
2   Load Center	1	Tine Length		1829
Static Tipping Load - Straight (Forks Level)   Ibs   2058   Kg   934.	_	Land Contra		
Static Tipping Load - Straight (Forks Level)   bis   2058    84   802   802   802   803	2	Load Center		36.0
Static Tipping Load - Articulated (Forks Level)   lbs   1768  kg   805  1768  kg   405  kg   805  1768  kg   401		Static Tipping Load - Straight (Forks Level)		9341
Rated Load (SAE J1197 - 50% FTSTL)   Bis   Mis   Mis		Citato Tipping Load - Citatgrit (1 Onto Level)		20588
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Bis		· · · · · · · · · · · · · · · · · · ·		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Bis   1061   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Responsible   Responsible		D		4814
Maximum Overall Length		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		10611
Maximum Overall Length   mm   366.   mm   414.   mm   366.   mm   49.2   mm		Poted Load (CEN EN 474 2 Firm and Lovel Ground 90% ETSTL)	kg	6419
Maximum Overall Length   In   366.3   Im   366.3   Im   366.5   Im		Trated Load (CEN EN 474-51 IIIII and Level Gloding - 00 701 151E)	lbs	14148
Reach with Forks at Ground Level   mm   1305.   mm   140.     5	3	Maximum Overall Length		
4         Reach with Forks at Ground Level         in         49.2           5         "Ground to Bottom of Tine at Minimum Height and Fork Level         mm         -91           6         Reach with Arms Horizontal and Forks Level         mm         1775           7         Reach with Fork at Maximum Height         mm         853           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm         1844           9         Ground to Top of Tine at Maximum Height and Fork Level         mm         3963           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         5003           11         Clearance at Full Lift and Max Dump         mm         2528           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         in         99.5           14         Overall Carriage Height         mm         2528           15         Outside Tine Width (max spread)         mm         278           16         Outside Tine Width (min spread)         mm         376           16         Outside Tine Width (min spread)         mm         180           17         Tine Capacity         mm         90.0		That in a visit of the control of th		
5         *Ground to Bottom of Tine at Minimum Height and Fork Level         mm         -91           6         Reach with Arms Horizontal and Forks Level         mm         1775           7         Reach with Fork at Maximum Height         mm         86           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm         183-6           9         Ground to Top of Tine at Maximum Height and Fork Level         mm         196-6           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         197-0           11         Clearance at Full Lift and Max Dump         mm         197-0           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         252-8           14         Overall Carriage Height         mm         130-0           15         Outside Tine Width (max spread)         mm         217-2           16         Outside Tine Width (min spread)         mm         217-2           Tine Width (single tine)         mm         180-0           Tine Thickness         mm         90.0           Tine Capacity         kg         149-0           Operating Weight         kg         149-0 <td>4</td> <td>Reach with Forks at Ground Level</td> <td></td> <td></td>	4	Reach with Forks at Ground Level		
1		·		
6         Reach with Arms Horizontal and Forks Level         mm         1775           7         Reach with Fork at Maximum Height         mm         853           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm         186           9         Ground to Top of Tine at Maximum Height and Fork Level         mm         72.6           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         50.6           11         Clearance at Full Lift and Max Dump         mm         19.7           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         2528           14         Overall Carriage Height         mm         13.6           15         Outside Tine Width (max spread)         mm         21.7           16         Outside Tine Width (min spread)         mm         27.6           16         Outside Tine Width (min spread)         mm         37.6           17         Tine Width (single tine)         mm         180.0           18         3.5         1.6         3.5           19         10         10         1.5           10         10         1.5 <t< td=""><td>5</td><td>*Ground to Bottom of Tine at Minimum Height and Fork Level</td><td></td><td></td></t<>	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
6         Reach with Fork at Maximum Height         in 69.9           7         Reach with Fork at Maximum Height         mm 853           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3963           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003           11         Clearance at Full Lift and Max Dump         mm 2168           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 2528           14         Overall Carriage Height         in 44.5           15         Outside Tine Width (max spread)         mm 185.7           16         Outside Tine Width (min spread)         mm 576           Tine Width (single tine)         mm 180.0           Tine Thickness         mm 90.0           Tine Capacity         kg 1480           Operating Weight         kg 1480           Operating Weight         kg 1480				
7         Reach with Fork at Maximum Height         mm         853 in 33.6           8         Ground to Top of Tine with Arms Horizontal and Fork Level in 72.6         mm         1844 in 72.6           9         Ground to Top of Tine at Maximum Height and Fork Level in 72.6         mm 30.6         mm 50.6           10         Overall Height of Fork at Full Lift (top of carriage to ground) in 197.0         mm 50.6           11         Clearance at Full Lift and Max Dump in 85.4         mm 25.2           12         Max Discharge Angle from Horizontal deg 54         mm 25.2           13         Overall Carriage Width in 99.5         mm 25.2           14         Overall Carriage Height in 199.5         mm 21.7           15         Outside Tine Width (max spread) mm 576         m 21.7           16         Outside Tine Width (min spread) mm 180.0         m 76.0           17         Tine Width (single tine) mm 90.0         m 90.0           18         3.5         M 1450           19         190.0         M 1450           19         190.0         M 1450           10         190.0         M 1450           11         11         12         14           12         12         13         14         15         15      <	6	Reach with Arms Horizontal and Forks Level		
React   Will Folk at Mackinith Reight   in     33.6 m   1844   in     72.6 m   1844   in     72.6 m   1844   in     72.6 m   1844   in   1845   in	_	B 1 20 E 1 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 in 72.6           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3963 in 156.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 505.0           11         Clearance at Full Lift and Max Dump         mm 21.7.0           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         in 99.5           14         Overall Carriage Height         mm 1130 in 44.5           15         Outside Tine Width (max spread)         mm 2178 in 44.5           16         Outside Tine Width (min spread)         mm 576 in 22.7           Tine Width (single tine)         mm 180.0 in 7.7           Tine Thickness         mm 90.0 in 7.5           Tine Capacity         kg 14800 lbs 32611           Operating Weight         kg 14800	1	Reach with Fork at Maximum Height		
9   Ground to Top of Tine at Maximum Height and Fork Level   mm   72.6 mm   156.0 mm   157.0 mm		Cround to Tan of Tine with Arms Harizantal and Fark Lavel		1844
156,000   156,	0	Glound to Top of Title with Arms Honzontal and Fork Level	in	72.6
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   5050   in   197.0       11   Clearance at Full Lift and Max Dump   in   85.4       12   Max Discharge Angle from Horizontal   deg   54       13   Overall Carriage Width   mm   2528       14   Overall Carriage Height   mm   1130   in   415       15   Outside Tine Width (max spread)   mm   2178   in   85.6       16   Outside Tine Width (min spread)   mm   576   in   82.7       16   Outside Tine Width (min spread)   mm   180.0   in   7.7       17   Tine Width (single tine)   mm   180.0   in   7.7       18   Tine Thickness   mm   90.0   in   3.5       19   Tine Capacity   kg   3261       Operating Weight   kg   39261	9	Ground to Top of Tipe at Maximum Height and Fork Level	mm	3963
197.6   197.		Cround to rop or this at maximum rioign and ron zoroi		156.0
11         Clearance at Full Lift and Max Dump         mm bit in 85.4 st. in 85.4 st. in 95.5 st. in 95.5 st. in 95.5 st. in 99.5 st. in 44.5 st. in 44.5 st. in 44.5 st. in 44.5 st. in 85.7 st. in 85.7 st. in 99.5 st.	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
11 Clearance at Full Lift and max Dump   in 85.4     12 Max Discharge Angle from Horizontal   deg 54     13 Overall Carriage Width   in 99.5     14 Overall Carriage Height   mm 1130   in 415     15 Outside Tine Width (max spread)   mm 217E   in 85.7     16 Outside Tine Width (min spread)   mm 576   in 82.7     17 Tine Width (single tine)   mm 180.0   in 7.7     18 Tine Thickness   mm 90.0   in 7.5     19 Tine Capacity   kg 13.5     10 Operating Weight   kg 13.61     10 Operating Weight   kg 13.61				
12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         2528 in         99.5           14         Overall Carriage Height         mm         11.6         44.5         15         0 Usside Tine Width (max spread)         mm         27.6         mm         57.6         mm         57.6         mm         180.0         in         2.2         mm         180.0         in         7.2         Tine Width (single tine)         mm         90.0         in         3.5         Tine Capacity         kq         14800         lbs         3261           Operating Weight         kg         14800         lbs         3261	11	Clearance at Full Lift and Max Dump		
13   Overall Carriage Width   mm   2528     14   Overall Carriage Height   mm   1378     15   Outside Tine Width (max spread)   mm   2178     16   Outside Tine Width (min spread)   mm   576     17   Tine Width (single tine)   mm   180,0     18   Tine Thickness   mm   90,0     19   Tine Capacity   kg   1480     19   Operating Weight   kg   3981     10   Operating Weight   kg   3981     11   Operating Weight   kg   3981     12   Operating Weight   kg   3981     13   Operating Weight   kg   3981     14   Operating Weight   kg   3981     15   Operating Weight   kg   3981     16   Operating Weight   kg   3981     17   Operating Weight   kg   3981     18   Operating Weight		<u> </u>	III	
14   Overall Carriage Width   in   99.5   mm   1130   11	12	Max Discharge Angle from Horizontal	deg	54
14   Overall Carriage Height   mm   139.3   mm   141.5   mm   141.5   mm   141.5   mm   151.5   mm   151.6   mm   151.6	12	Overall Carriage Width	mm	2528
14   Overain Carnage relight   in   44.5	13	Overall Carnage Width	in	99.5
15 Outside Tine Width (max spread)   mm   214.5   mm   215.5   mm   215.5   mm   215.5   mm   215.5   mm   22.7   mm   25.5   mm   22.7   mm   25.5   mm   25.5	14	Overall Carriage Height		1130
16 Outside Tine Width (min spread)   m   85.7   mm   576   min   22.7     Tine Width (single tine)   mm   180.0   min   776   min   180.0   min   37.0   min   30.0   min   37.5   min		O TOTAL CATTAGO TIOIGIN		
16 Outside Tine Width (min spread)         mm 576 in 22.7         576 in 22.7           Tine Width (single tine)         mm 180.0 in 7.1         180.0 in 7.1           Tine Thickness         mm 90.0 in 3.5         3.6           Tine Capacity         kg 146.0 in 3.5         180.0 in 3.5           Operating Weight         kg 190.0 in 3.5         180.0 in 3.5	15	Outside Tine Width (max spread)		
Tine Width (single tine)		. , ,		
Tine Width (single tine)         mm is 7.1 in 7.1         1 mm 90.0 in 3.5           Tine Thickness         in 3.5           Tine Capacity         kg 1486 is 3261           Operating Weight         kg 1897 is 3261	16	Outside Tine Width (min spread)		
Tine Width (single tine)         in         7.1           Tine Thickness         mm         90.0           Tine Capacity         kg         1480           Operating Weight         kg         1909				
Tine Capacity         in sign state with the control of the cont		line Width (single tine)		
Tine Capacity         in sign state with the control of the cont		Tine Thiskness		90.0
Operating Weight kg 1909		Title Thickness		
Operating Weight kg 1909		Tine Canacity	kg	14800
		тие Сараску	lbs	32619
Ihe 4208		Operating Weight		19096
103 42001		-r	lbs	42088



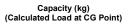
Hinge (B) Pin Height (mm)

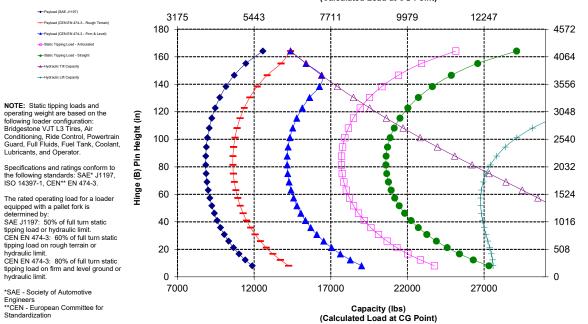
- Payload (CEN EN 474-3 - Rough Te

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 - Firm & Level)



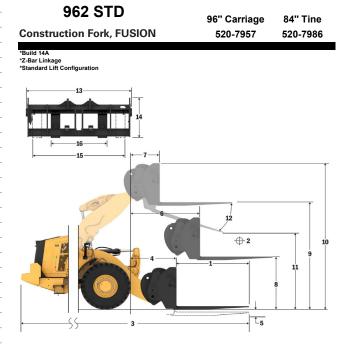


\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

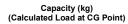
<sup>\*</sup>Negative values indicate below grade

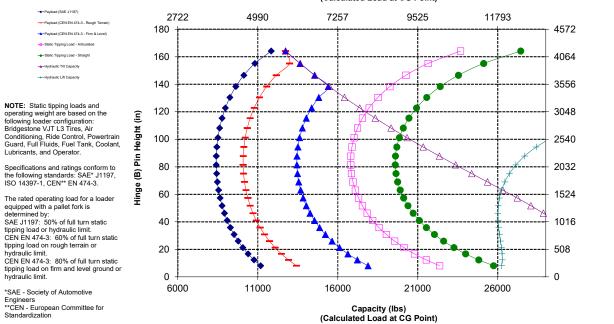
#### **Fork Specifications**

	opeoinounene		
1	Tine Length	mm in	2134 84.0
_		mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	8885
	Citato ripping Load - Citatgrit (1 Cita Lavel)	lbs	19583
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7623 16800
		kg	3811
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8400
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4574
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	10080
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5777
		lbs	12732
3	Maximum Overall Length	mm in	9610 378.4
		mm	1249
4	Reach with Forks at Ground Level	in	49.2
_	todt- B-tttTitMi-i H-i-btd Fd-Ll	mm	-91
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1775
	Trought Will 7 time Florizontal and Forto Ecver	in	69.9
7	Reach with Fork at Maximum Height	mm	853
		in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1844 72.6
_		mm	3963
9	Ground to Top of Tine at Maximum Height and Fork Level	in	156.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5003
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	197.0
11	Clearance at Full Lift and Max Dump	mm	1921
•••	Olearance at t all Elit and Max Bump	in	75.6
12	Max Discharge Angle from Horizontal	deg	54
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
10	Outside Title Width (Hilli Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm in	90.0 3.5
	T 0 3	ka	12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	19159
	Operating weight	lbs	42226



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







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.

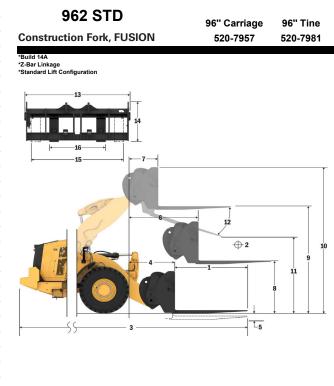
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

### **Fork Specifications**

#### **Fork Specifications**

	ik Opecinications		
1	Tine Length	mm in	2438 96.0
_	1 10 1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8463
	Static Tipping Load - Straight (Forks Level)	lbs	18653
	Static Tipping Load - Articulated (Forks Level)	kg	7251
	otatio ripping 25dd - / illiodiatod (r orio 2575)	lbs	15980
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3625
	,	lbs	7990 4350
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	9588
		kg	5165
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	11383
_		mm	9914
3	Maximum Overall Length	in	390.3
4	Reach with Forks at Ground Level	mm	1249
4	Reach with Forks at Ground Level	in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
	Gloding to Bottom of Time at Millimidin Fleight and Fork Level	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1775
_	Trodon Many anno Frontzoniai ana Fonto 2010	in	69.9
7	Reach with Fork at Maximum Height	mm	853
		in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
	<u>'</u>	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3963 156.0
		mm	5003
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	197.0
		mm	1675
11	Clearance at Full Lift and Max Dump	in	65.9
40	May Disabassa Asala fassa Hasisaadal		
12	Max Discharge Angle from Horizontal	deg	54
12	Overall Carriage Width	mm	2528
-13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
	O Totali O amago moigni	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	- ( 1 /	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
		mm	180.0
	Tine Width (single tine)	in	7.1
	T. T	mm	90.0
	Tine Thickness	in	3.5
	Ti Oi4.	kg	11300
	Tine Capacity	lbs	24905
	Operating Weight	kg	19221
	Operating weight	lbs	42363

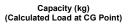


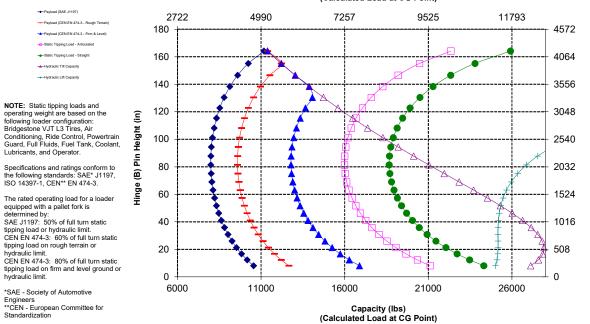
Hinge (B) Pin Height (mm)

Payload (CEN EN 474-3 - Firm & Level)

Lubricants, and Operator.

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



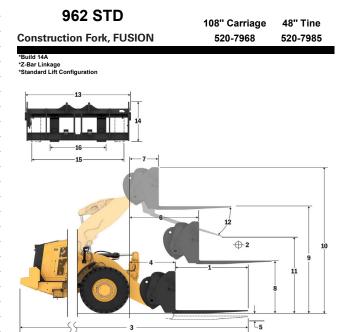


\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

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

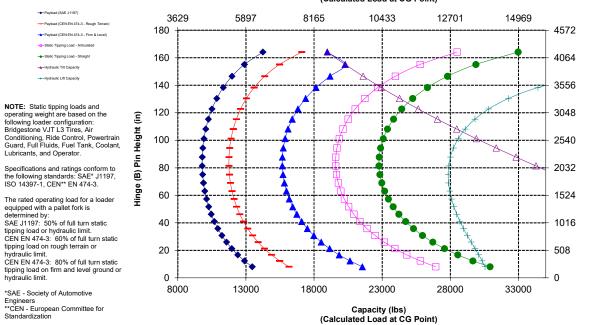
#### **Fork Specifications**

2 Load Center		opeomeanem		
2	1	Tine Length		1219
Static Tipping Load - Straight (Forks Level)   In   24.0	_	1 10 1		
Static Tipping Load - Straight (Forks Level)   Ibs   2275	2	Load Center		24.0
Static Tipping Load - Articulated (Forks Level)   Is   R   888   888   88   195   1957     Rated Load (SAE J1197 - 50% FTSTL)   R   444   155   979     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   R   45   53   1174     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   R   710   155   1566     3 Maximum Overall Length   Im   8689   Im   342   155     4 Reach with Forks at Ground Level   Im   124   Im   145   Im   156     5 "Ground to Bottom of Tine at Minimum Height and Fork Level   Im   177   Im   165     6 Reach with Arms Horizontal and Forks Level   Im   185   Im   189     7 Reach with Fork at Maximum Height and Fork Level   Im   185   Im   189     8 Ground to Top of Tine with Arms Horizontal and Fork Level   Im   180   Im   180     9 Ground to Top of Tine at Maximum Height and Fork Level   Im   180   Im   180   Im   180     10 Overall Height of Fork at Full Lift (top of carriage to ground)   Im   197   Im   197   Im   197     11 Clearance at Full Lift and Max Dump   Im   104   Im   105   Im   104   Im   105   Im   104   Im   105   Im		Static Tipping Load - Straight (Forks Level)		10325
Static Lipping Load - Articulated (Forks Level)   Ibis   1957     Rated Load (SAE J1197 - 50% FTSTL)   Ikq   444   Ibis   979     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ikg   710   Ibis   1174     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ikg   710   Ibis   1566     3 Maximum Overall Length   mm   869   in   342   in   342   in   492		Otatio Tipping Load - Otatight (1 Onto Level)		22756
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   S790   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   1174   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   1506   Ib				
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		9790
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Iss   1714   Iss   1716   Iss		Dated Load (CEN EN 474 3 Daugh Tarrain, 600) FTCTL)		5330
1568   1568		Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	11748
3   Maximum Overall Length		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		7107
Maximum Overall Length   In   342,				
4         Reach with Forks at Ground Level         mm (124) in (482)         124 in (482)           5         "Ground to Bottom of Tine at Minimum Height and Fork Level         mm (-31) in (-3.6)           6         Reach with Arms Horizontal and Forks Level         mm (-85) in (-95) in (-95)           7         Reach with Fork at Maximum Height         mm (-85) in (-33.6)           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm (-184) in (-72.6)           9         Ground to Top of Tine at Maximum Height and Fork Level         mm (-396) in (-156)	3	Maximum Overall Length		
4 Reach with Forks at Ground Level         in 49.2           5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 10.36           6 Reach with Arms Horizontal and Forks Level         mm 1777           7 Reach with Fork at Maximum Height         mm 853           8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844           in 72,6         mm 396           9 Ground to Top of Tine at Maximum Height and Fork Level         mm 396           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm 500           11 Clearance at Full Lift and Max Dump         mm 266           13 Overall Carriage Width         mm 263           14 Overall Carriage Height         mm 131           15 Outside Tine Width (max spread)         mm 249           16 Outside Tine Width (min spread)         mm 500           Tine Width (single tine)         mm 180           Tine Capacity         mm 90.0           Oncerating Weight         4892           Operating Weight         4892				
6 Reach with Arms Horizontal and Forks Level         in         -3.6           7 Reach with Arms Horizontal and Forks Level         mm         17.7           8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm         85.3           9 Ground to Top of Tine with Arms Horizontal and Fork Level         mm         39.6           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm         500.6           11 Clearance at Full Lift and Max Dump         mm         266.6           12 Max Discharge Angle from Horizontal         deg         54           13 Overall Carriage Width         mm         283.1           14 Overall Carriage Height         mm         249.1           15 Outside Tine Width (max spread)         mm         249.1           16 Outside Tine Width (min spread)         mm         59.0           Tine Width (single tine)         mm         180.1           Tine Thickness         mm         90.0           Tine Capacity         lbs         4892.2           Operating Weight         4892.2	4	Reach with Forks at Ground Level		49.2
Reach with Arms Horizontal and Forks Level   mm   177.     Reach with Fork at Maximum Height   mm   85.     Ground to Top of Tine with Arms Horizontal and Fork Level   mm   85.     Ground to Top of Tine with Arms Horizontal and Fork Level   mm   39.6     Ground to Top of Tine at Maximum Height and Fork Level   mm   39.6     Ground to Top of Tine at Maximum Height and Fork Level   mm   50.     Ground to Top of Tine at Maximum Height and Fork Level   mm   25.     Ground to Top of Tine at Maximum Height and Fork Level   mm   25.     Ground to Top of Tine at Maximum Height and Fork Level   mm   25.     Ground to Top of Tine at Maximum Height and Fork Level   mm   266.   mi   104.     Ground to Top of Tine at Maximum Height and Fork Level   mm   283.   mi   104.     Ground to Top of Tine at Maximum Height and Fork Level   mm   243.   mi   243.     Ground to Top of Tine at Maximum Height and Fork Level   mm   249.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   180.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   249.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   249.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   249.   mi   249.     Ground to Top of Tine at Maximum Height and Fork Level   mm   249.   mi   249.     Ground to Top of Tine at Ma	_	*Cround to Pottom of Tine at Minimum Height and Fork Lavel		
Reach with Fork at Maximum Height   In   69.9	3	Glound to Bottom of Time at William Height and Fork Level	in	-3.6
Reach with Fork at Maximum Height	6	Reach with Arms Horizontal and Forks Level		1775
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   184   1724   17				69.9
8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm in 72,6         1844 in 72,2           9         Ground to Top of Tine at Maximum Height and Fork Level in 156.         mm 396.         396.           10         Overall Height of Fork at Full Lift (top of carriage to ground) in 197.         mm 266.         197.           11         Clearance at Full Lift and Max Dump in 266.         10 104.         40 2         54           13         Overall Carriage Midth in 111.         11 11.         11 11.         11 11.         11 11.         11 11.         11 11.         11 11.         11 11.         11 24	7	Reach with Fork at Maximum Height		
9   Ground to Top of Tine with Amis Florizoniar and Fork Level   in   72,6     9   Ground to Top of Tine at Maximum Height and Fork Level   in   156,	_			
9         Ground to Top of Tine at Maximum Height and Fork Level         mm in 156. 156. 156. 156.         396. 156. 156. 156. 156. 156. 156. 156. 15	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
10   Overall Height of Fork at Full Lift (top of carriage to ground)   nn   156.   157.   157.   158.   159.   1	_	Cround to Ton of Tine at Maximum Height and Fork Lavel		3963
197   197	9	Ground to Top of Time at Maximum Height and Fork Level	in	156.0
11 Clearance at Full Lift and Max Dump	10	Overall Height of Fork at Full Lift (top of carriage to ground)		5003
11   Clearance at Full Lift and wax Dump   in   104.     12   Max Discharge Angle from Horizontal   deg   54     13   Overall Carriage Width   mm   2833   in   111.     14   Overall Carriage Height   mm   113   in   41.5     15   Outside Tine Width (max spread)   in   98.1     16   Outside Tine Width (min spread)   mm   590   in   23.2     Tine Width (single tine)   mm   180.   in   7.1     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   deg   2220   deg   2820   deg				197.0
12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         283: in           14         Overall Carriage Height         mm         114: in           15         Outside Tine Width (max spread)         in         98.1           16         Outside Tine Width (min spread)         mm         590: in           Tine Width (single tine)         mm         180: in         7.1.           Tine Thickness         in         3.5.         Tine Capacity         kq         2220: ibs           Operating Weight         kg         190: des         489: des         489: des         489: des	11	Clearance at Full Lift and Max Dump		
13   Overall Carriage Width   mm   283;   in   111.     14   Overall Carriage Height   mm   144.     15   Outside Tine Width (max spread)   mm   280;   in   98.1     16   Outside Tine Width (min spread)   mm   590;   in   23.2;       Tine Width (single tine)   mm   180;   in   7.1;     Tine Thickness   mm   90.0;   in   3.5;       Tine Capacity   kg   2220;   Operating Weight   8482   1902;   Concreting Weight   8482   1902;		· · · · · · · · · · · · · · · · · · ·		
11   11   11   11   11   11   11   1	12	Max Discharge Angle from Horizontal	deg	
14   Overall Carriage Height   mm   113   mm   114   mm   113   mm   124	13	Overall Carriage Width		2833
14 Overall carriage reight   in   44.5     15 Outside Tine Width (max spread)   mm   249.5     16 Outside Tine Width (min spread)   mm   590.5     17   17   18   19   19   19     18   19   19   19     19   19   19   19     19   19				
15         Outside Tine Width (max spread)         mm sold in sold state of sold state	14	Overall Carriage Height		
16 Outside Tine Width (min spread)   n   98.1     16 Outside Tine Width (min spread)   mm   590     17				2493
Tine Width (single tine)   mm   180   mm	15	Outside Tine Width (max spread)		98.1
Tine Width (single tine)	16	Outside Tine Width (min spread)	mm	590
Time Width (single time)         in         7.1           Tine Thickness         in         9.0           Tine Capacity         ka         2220           Ibs         4892           Operating Weight         ka         1902	10	Odiside Tille Widti (Hilli Spread)		23.2
Tine Thickness		Tine Width (single tine)		180.0
Intermission				
Tine Capacity         kq         2220           Ibs         4892           Operating Weight         kq         1902		Tine Thickness		
Operating Weight kg 1902		T 0 "		22200
Operating Weight kg 1902		Tine Capacity		48929
Us 4192		Operating Weight		19022
		Operating Weight	lbs	41924



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

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





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

Lubricants, and Operator

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

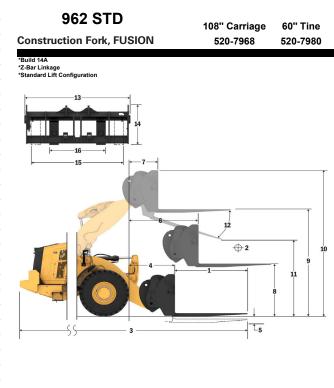
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

## **Fork Specifications**

#### **Fork Specifications**

Interesting		ik opecinications		
2   Load Center	1	Tine Length		1524
Static Tipping Load - Straight (Forks Level)   Igh   Sq. 9795				
Static Tipping Load - Straight (Forks Level)   Ibs   2159   Static Tipping Load - Articulated (Forks Level)   Ibs   1855   1855   Rated Load (SAE J1197 - 50% FTSTL)   Kg   4210   Ibs   9278   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   kg   5052   Ibs   1815   Ibs   1816   Ibs	2	Load Center		30.0
Static Tipping Load - Articulated (Forks Level)   lbs   8278   8428		Static Tipping Load Straight (Earlys Loyal)	kg	9796
Rated Load (SAE J1197 - 50% FTSTL)   Bis   855   821   825   821   825   821   825   821   825   821   825   821   825   827   821   825   821   825   821   825   821   825   821   825   821   825		Static ripping Load - Straight (Forks Level)	lbs	21591
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		8420
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Bis   9278   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 814 Firm - 814 Fir		otatio ripping 2000 / titodiatou (r onto 2010)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)         kg 15052 lbs 1113.           Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg 6736 lbs 1484.           3 Maximum Overall Length         mm 9006 lin 354.           4 Reach with Forks at Ground Level         in 49.2 lin 49.2 lin 49.2           5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 92.0 lin -3.6 lin -3		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Bis   1113.     Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Bis   1484     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Bis   1484     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Bis   1484     Bis   1484   1884   1884   1884     A Reach with Forks at Ground Level   mm   1248   1884   1884     Formal State   mm   1248   1884   1884     Formal State   mm   1448   1884   1884     Formal State   mm   1875   1884   1884     Formal State   mm   1853   1884     Formal State   mm   1864   1884     Formal State   mm   1884   1884     Formal St				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg 18		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
Asked Load (Len En 4743 Firm and Level Ground - 80% F151L)   Bis   14844   Reach with Forks at Ground Level   mm   9000   10   354.5   10   10   10   10   10   10   10   1				
3         Maximum Overall Length         mm         9000           4         Reach with Forks at Ground Level         mm         1246           5         "Ground to Bottom of Tine at Minimum Height and Fork Level         mm         19.2           6         Reach with Arms Horizontal and Forks Level         mm         mm         17.3           7         Reach with Fork at Maximum Height         mm         8.9         mm         18.3           8         Ground to Top of Tine with Arms Horizontal and Fork Level         in         72.6         mm         18.0           9         Ground to Top of Tine with Arms Horizontal and Fork Level         in         72.6         mm         196.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         in         197.6           11         Clearance at Full Lift and Max Dump         mm         2415           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Height         mm         193.1           14         Overall Carriage Height         mm         193.1           15         Outside Tine Width (max spread)         mm         500           16         Outside Tine Width (min spread)         mm		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		14845
1	_	Maniferrore Occasilla anoth		9000
4         Reach with Forks at Ground Level         in         49.2           5         "Ground to Bottom of Tine at Minimum Height and Fork Level         mm         -91           6         Reach with Arms Horizontal and Forks Level         mm         1775           7         Reach with Fork at Maximum Height         mm         853           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm         1844           9         Ground to Top of Tine at Maximum Height and Fork Level         mm         3963           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         506.0           11         Clearance at Full Lift and Max Dump         mm         240.1           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         in         113.6           14         Overall Carriage Height         mm         243.1           15         Outside Tine Width (max spread)         mm         248.1           16         Outside Tine Width (min spread)         mm         30.2           Tine Width (single tine)         mm         180.0           Tine Capacity         kq         180.0           Operating Weight	3	Maximum Overali Length	in	354.3
1	4	Reach with Forks at Ground Level	mm	1249
1		Treach with Forks at Ground Level	in	49.2
Reach with Arms Horizontal and Forks Level   mm   173.6 mm   173	5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	
Reach with Fork at Maximum Height		Cround to Bottom of Time at Minimum Trought and Tork Ecver		
Reach with Fork at Maximum Height   In   69.9	6	Reach with Arms Horizontal and Forks Level		
Reacti with Fork at Maximum Height   in     33.6 mm   1844     9   Ground to Top of Tine with Arms Horizontal and Fork Level   in     72.6 mm   3963     10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   5003     11   Clearance at Full Lift and Max Dump   mm   2415     12   Max Discharge Angle from Horizontal   deg   54     13   Overall Carriage Width   mm   2833     14   Overall Carriage Height   in   111.5     15   Outside Tine Width (max spread)   mm   57.8     16   Outside Tine Width (min spread)   mm   59.3     Tine Width (single tine)   mm   180.0     Tine Thickness   mm   90.0     Tine Capacity   Noreth   180.0     Operating Weight   180.0     Constitute   Noreth   180.0     Noreth   Nor				
8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 in 72.6 mm           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3963 mm           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 505.1 mm           11         Clearance at Full Lift and Max Dump         mm 247.7 mm           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 2833 mn           14         Overall Carriage Height         mm 1130 mm           15         Outside Tine Width (max spread)         mm 2433 mm           16         Outside Tine Width (min spread)         mm 590 mm           17         mm 180.0 mm         mm 180.0 mm           18         mm 190.0 mm         mm 90.0 mm           18         mm 190.0 mm         mm 90.0 mm           19         mm 90.0 mm         mm 90.0 mm           10         mm 90.0 mm         <	7	Reach with Fork at Maximum Height		
6 Ground to Top of Time with Arins Horbiczbinal and Fork Level         in 72.6 in 72.6 in 156.1 i				
9         Ground to Top of Tine at Maximum Height and Fork Level         mm         3983 in 1586 in 1587 in 197.           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         2481 in 197.           11         Clearance at Full Lift and Max Dump         mm         2583 in 197.           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         2833 in 111.           14         Overall Carriage Height         mm         2483 in 1938 in	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
156,000   156,				
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   5003 in   1977.     11   Clearance at Full Lift and Max Dump   mm   2415 in   95.1     12   Max Discharge Angle from Horizontal   deg   54     13   Overall Carriage Width   mm   2833 in   111.5     14   Overall Carriage Height   mm   144.5     15   Outside Tine Width (max spread)   mm   590.8     16   Outside Tine Width (min spread)   mm   590.8     17   Tine Width (single tine)   mm   180.0     18   Tine Thickness   mm   90.0     19   Tine Capacity   kg   1780     19   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     11   Operating Weight   kg   1903     12   Operating Weight   kg   1903     10   Operating Weight   kg   1903     11   Operating Weight   kg   1903     12   Operating Weight   kg   1903     13   Operating Weight   kg   1903     14   Operating Weight   kg   1903     15   Operating Weight   kg   1903     16   Operating Weight   kg   1903     17   Operating Weight   kg   1903     18   Operating Weight   kg   1903     18   Operating Weight   kg   1903     19   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     11   Operating Weight   kg   1903     12   Operating Weight   kg   1903     13   Operating Weight   kg   1903     14   Operating Weight   kg   1903     15   Operating Weight   kg   1903     15   Operating Weight   kg   1903     16   Operating Weight   kg   1903     17   Operating Weight   kg   1903     18   Operating Weight   kg   1903     19   Operating Weight   kg   1903     19   Operating Weight   kg   1903     19   Operating Weight   kg   1903     10   Operating W	9	Ground to Top of Tine at Maximum Height and Fork Level		
197.0   197.		0		
11         Clearance at Full Lift and Max Dump         mm bit in mode in memory         2415 in mode in mode in memory           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 2833 in 111.5 in 111.5 in 111.5 in 44.5 in 44.5 in 44.5 in 44.5 in 44.5 in 97.8 in 97.8 in 97.8 in 97.8 in 97.8 in 97.8 in 16.0 dustide Tine Width (min spread)         mm 590.0 in 23.2 in 16.0 dustide Tine Width (min spread)           Tine Width (single tine)         mm 180.0 in 7.3 in 7.1 in 7.1 in 7.1 Tine Thickness         mm 90.0 in 3.5	10	Overall Height of Fork at Full Lift (top of carriage to ground)		197.0
12 Max Discharge Angle from Horizontal   deg   54     13 Overall Carriage Width   mm   2833   in   111.5     14 Overall Carriage Height   in   44.5     15 Outside Tine Width (max spread)   mm   2493   in   97.8     16 Outside Tine Width (min spread)   mm   590   in   27.8     17 Ine Width (single tine)   mm   180.0   in   17.5     18 Tine Thickness   mm   90.0   in   3.5     19 Tine Capacity   kg   1938   kg   1938     10 Operating Weight   18   18   18   18   18     10 Operating Weight   18   18   18   18   18     10 Operating Weight   18   18   18   18   18     11 Operating Weight   18   18   18   18     12 Operating Weight   18   18   18     15 Operating Weight   18   18   18     17 Operating Weight   18   18   18     18 Operating Weight   18   18     18 Operating Weight   18   18     19 Operating Weight   18   18     10 Operating Weight   18   18     10 Operating Weight   18     10 Operating Weight   18     11 Operating Weight   18     11 Operating Weight   18     12 Operating Weight   18     13 Operating Weight   18     14 Operating Weight   18     15 Operating Weight   18     16 Operating Weight   18     17 Operating Weight   18     17 Operating Weight   18     18 Operating Weig	44	Ol		2415
13   Overall Carriage Width   mm   2833   in   111,5     14   Overall Carriage Height   mm   113,5     15   Outside Tine Width (max spread)   mm   590,5     16   Outside Tine Width (min spread)   mm   590,5     17   Tine Width (single tine)   mm   180,5     18   Tine Width (single tine)   mm   180,5     19   Tine Thickness   mm   180,5     19   Tine Capacity   kg   1780     19   Operating Weight   kg   1903     19   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     11   Operating Weight   kg   1903     12   Operating Weight   kg   1903     13   Operating Weight   kg   1903     15   Operating Weight   kg   1903     16   Operating Weight   kg   1903     17   Operating Weight   kg   1903     18   Operating Weight   kg   1903     18   Operating Weight   kg   1903     19   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     11   Operating Weight   kg   1903     12   Operating Weight   kg   1903     13   Operating Weight   kg   1903     14   Operating Weight   kg   1903     15   Operating Weight   kg   1903     16   Operating Weight   kg   1903     17   Operating Weight   kg   1903     17   Operating Weight   kg   1903     18   Operating Weight   kg   1903	11	Clearance at Full Lift and Max Dump	in	95.1
13   Overall Carriage Width   mm   2833   in   111,5     14   Overall Carriage Height   mm   113,5     15   Outside Tine Width (max spread)   mm   590,5     16   Outside Tine Width (min spread)   mm   590,5     17   Tine Width (single tine)   mm   180,5     18   Tine Width (single tine)   mm   180,5     19   Tine Thickness   mm   180,5     19   Tine Capacity   kg   1780     19   Operating Weight   kg   1903     19   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     11   Operating Weight   kg   1903     12   Operating Weight   kg   1903     13   Operating Weight   kg   1903     15   Operating Weight   kg   1903     16   Operating Weight   kg   1903     17   Operating Weight   kg   1903     18   Operating Weight   kg   1903     18   Operating Weight   kg   1903     19   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     10   Operating Weight   kg   1903     11   Operating Weight   kg   1903     12   Operating Weight   kg   1903     13   Operating Weight   kg   1903     14   Operating Weight   kg   1903     15   Operating Weight   kg   1903     16   Operating Weight   kg   1903     17   Operating Weight   kg   1903     17   Operating Weight   kg   1903     18   Operating Weight   kg   1903	12	Max Discharge Angle from Horizontal	den	5/
13 Overall Carriage Width   in   111.5   11.5   11.5   Outside Tine Width (max spread)   mm   113.6   11.5   Outside Tine Width (min spread)   mm   248.3   11.6   249.5   11.6   249.5   11.6   249.5   11.6   249.5   11.6   249.5   11.6   249.5   11.6   249.5	12	Max Discharge Angle Iron Florizontal		
11   11   11   11   11   11   11   1	13	Overall Carriage Width		
14 Overain Carnage Reight   in   44.5     15 Outside Tine Width (max spread)   in   97.8     16 Outside Tine Width (min spread)   mm   590.0     17 Ine Width (single tine)   mm   180.0     18 Ine Width (single tine)   mm   90.0     19 Ine Thickness   mm   90.0     19 Ine Thickness   mm   37.5     17 Ine Capacity   kg   17.5     18 Ine Capacity   kg   19.3     18 Ine Capacity   18 Ine C		O Torum Curriago Triatir		
15 Outside Tine Width (max spread)         mm 2483 in 97.8 in 97.8 in 97.8           16 Outside Tine Width (min spread)         mm 59.0 in 23.2 in 23.2 in 23.2 in 23.2 in 23.2 in 24.2 in	14	Overall Carriage Height		
16 Outside Tine Width (min spread)   n   97.8 mm   590				
16 Outside Tine Width (min spread)         mm         590           in         23.2           Tine Width (single tine)         in         180.1           Tine Thickness         in         7.1           Tine Capacity         kq         178.6           Operating Weight         kg         1903	15	Outside Tine Width (max spread)		
Tine Width (single tine)				
Tine Width (single tine)         mm is 0.1 in 7.1         18.0 in 7.1           Tine Thickness         mm 90.0 in 3.5           Tine Capacity         kg 1938           Operating Weight         kg 1923           Operating Weight         kg 1923	16	Outside Tine Width (min spread)		
Tine Width (single line)   in   7.1     Tine Thickness   mm   90.0     in   3.5     Tine Capacity   kg   1780     Ibs   3923     Operation Weight   kg   1998		T: 140 H / : 1 C )		180.0
Tine Thickness   mm   90.0     3.5		rine viriatin (single tine)		
In   3.5   Tine Capacity   kg   1780   lbs   3923		Tino Thickness		90.0
Operating Weight kg 1908		THE THICKHESS		
Operating Weight kg 1908		Tine Canacity	kg	17800
		тиго Оприону	lbs	39231
lbs 4206		Operating Weight		19084
			lbs	42061



Hinge (B) Pin Height (mm)

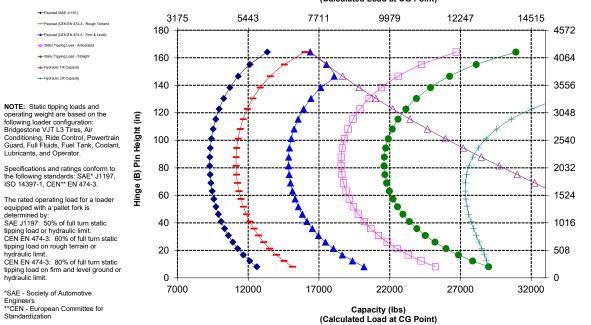
- Payload (CEN EN 474-3 - Rough Te

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 - Firm & Level)

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

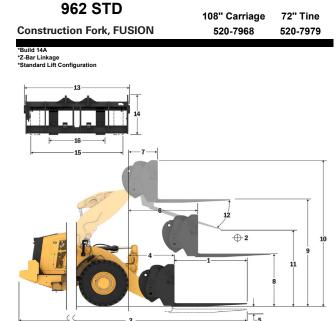


\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

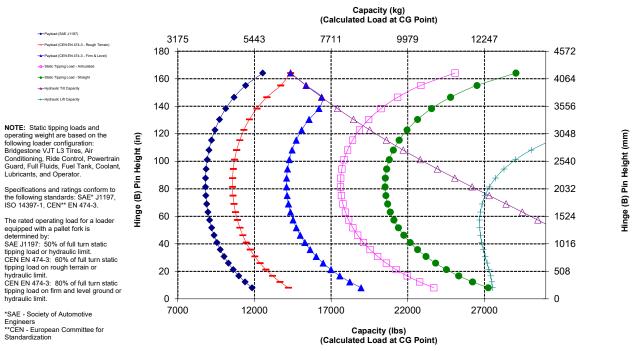
<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		opeomeanere		
2	1	Tine Length		
Static Tipping Load - Straight (Forks Level)   kg 9307	2	Load Contar		
Static Tipping Load - Straight (Forks Level)   Ibs   20512		Load Center	in	
Static Tipping Load - Articulated (Forks Level)   Interpretation   Inter		Static Tipping Load - Straight (Forks Level)		
Rated Load (SAE J1197 - 50% FTSTL)   Ibs   17605   Ibs   8004   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   8004   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   8004   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   14085   14		7, 7		
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   8804   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   10566   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   10566   1		D-1-111(0AF 14407 F0% FT0TL)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   10566		Rated Load (SAE J1197 - 50% F151L)		8804
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   R 6382   6382   6383   6383   6384   6382   6382   6382   6384   6382		Rated Load (CEN EN 474-3 Rough Terrain - 60% ETSTL)		4794
Adam		Trace Load (OLIT LITTI O Trough Tondin OO 70 TO 12)		
3         Maximum Overall Length         mm (366) and (368) and (		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		
Maximum Overall Length   In   366.3	_			
4         Reach with Forks at Ground Level         mm 1248 in 492.           5         *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 91 in -3.6 mm 1775           6         Reach with Arms Horizontal and Forks Level         mm 853 in 9.3.6 mm 853 in 33.6 mm 858 ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 in 72.6 mm 1884 in 72.6 mm 1894 in 1890 in 1856.0 mm 1890 in	3	Maximum Overall Length		366.3
1	1	Reach with Forks at Ground Level	mm	1249
5         Ground to Bottom of line at Minimum Height and Fork Level         in -36           6         Reach with Arms Horizontal and Forks Level         mm 1775           7         Reach with Fork at Maximum Height         mm 853           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3963           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003           11         Clearance at Full Lift and Max Dump         mm 2168           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 2833           14         Overall Carriage Height         mm 1130           15         Outside Tine Width (max spread)         mm 2483           16         Outside Tine Width (min spread)         mm 590           Tine Width (single tine)         in 7.1           Tine Thickness         in 7.1           Tine Capacity         kg 1480	_	Treach with Forks at Ground Level		
Reach with Arms Horizontal and Forks Level   mm   1775   n   69.9     Reach with Fork at Maximum Height   mm   853   n   33.6   mm   1853   mm   1853   mm   1853   mm   1853   mm   1853   mm   1854   mm   1855   mm   185	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
Reach with Fork at Maximum Height   mm   853   m   33.6   mm   854   mm   853   m   35.6   mm   854   mm   854   mm   852   mm   8	_			
7         Reach with Fork at Maximum Height         mm a 353 in 33.6 sl         8 in 33.6 sl           8         Ground to Top of Tine with Arms Horizontal and Fork Level in 72.6 mm and 3963 in 156.0 mm 5003 in 156.0 mm 5003 in 156.0 mm 5003 in 197.0           10         Overall Height of Fork at Full Lift (top of carriage to ground) in 197.0 mm 5003 in 197.0 mm 5003 in 197.0 mm 5003 in 197.0 mm 2188 in 85.4           12         Max Discharge Angle from Horizontal deg 54         deg 54           13         Overall Carriage Width in 1113 in 111.5 mm 1130 in 114.5 mm 1130 in 145.5 mm 500 in 24.5 mm 500 in 23.2 mm 500 in 23.2 mm 500 in 23.2 mm 500 in 7.1 mm 1500 in 7.1 mm 90.0 mm	6	Reach with Arms Horizontal and Forks Level		
33.6   36   37.6   37	_	Description of the French of Mandage on Halland		
9         Ground to Top of Tine with Amins notizonia and Polic Level         in 72.6           9         Ground to Top of Tine at Maximum Height and Fork Level         im 3963 in 156.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003 in 197.0           11         Clearance at Full Lift and Max Dump         mm 2188 in 85.4           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm 2883 in 111.5         111.5           14         Overall Carriage Height         in 41.5         11.5           15         Outside Tine Width (max spread)         mm 2483 in 97.8           16         Outside Tine Width (min spread)         mm 590 in 23.2           Tine Width (single tine)         in 7.1           Tine Thickness         in 7.1           Tine Capacity         kg 14800 in 3.5           Tine Capacity         kg 14800 in 3.251	′	Reach with Fork at Maximum Height		
9   Ground to Top of Tine at Maximum Height and Fork Level   mm   3963   m   156.0   mm   5003   m   156.0   mm   5003   m   156.0   mm   5003   m   157.0   mm   2168   m   2	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
156.0   156.	_			
10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003 in 197.0           11         Clearance at Full Lift and Max Dump         mm 2168 in 85.4           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 2833 in 111.5 in 111.5 in 141.5           14         Overall Carriage Height         mm 1300 in 44.5 in 44.5 in 44.5 in 44.5 in 141.5 in 197.4 in 197.5 in 197.8 in 197.8 in 197.8 in 197.8 in 197.8 in 197.1 in 197.8 in 197.1 i	9	Ground to Top of Tine at Maximum Height and Fork Level		
197.0   197.		0		
11 Clearance at Full Lift and Max Dump         mm 2168 5.4           12 Max Discharge Angle from Horizontal         deg 54           13 Overall Carriage Width         mm 2833 in 111.5           14 Overall Carriage Height         mm 1430 in 44.5           15 Outside Tine Width (max spread)         mm 590 in 97.8 in 97.8 in 97.8 in 123.2           Tine Width (single tine)         in 7.1 in	10	Overall Height of Fork at Full Lift (top of carriage to ground)		197.0
12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         2833           14         Overall Carriage Height         mm         1130           15         Outside Tine Width (max spread)         mm         2483           16         Outside Tine Width (min spread)         mm         590           Tine Width (single tine)         mm         1800           Tine Thickness         in         7.1           Tine Capacity         lbs         3.251           Tine Capacity         lbs         3.261	11	Clearance at Full Lift and May Dumn	mm	2168
13   Overall Carriage Width   mm   2833   in   111,5       14   Overall Carriage Height   in   44,5       15   Outside Tine Width (max spread)   in   97,8       16   Outside Tine Width (min spread)   in   23,2       17   Tine Width (single tine)   mm   180,0   in   7,1       18   Tine Thickness   mm   90,0       19   Tine Capacity   lbs   3,261       10   Several Carriage Width (min spread)   mm   180,0       10   11   12   13   14   14   14   14   14   14   14	•••	Clearance at 1 dil Elit and Max Bump	in	85.4
11.5   Overall Carriage Width   mm   11.1.5   mm   11.1.	12	Max Discharge Angle from Horizontal	deg	54
14 Overall Carriage Height         mm (4.5)           15 Outside Tine Width (max spread)         mm (590)           16 Outside Tine Width (min spread)         mm (590)           Tine Width (single tine)         mm (180)           Tine Thickness         mm (90)           Tine Capacity         kg (1480)           Tine Capacity         kg (1480)           110 Outside Tine Width (min spread)         kg (1480)           110 Outside Tine Width (min spread) </td <td>13</td> <td>Overall Carriage Width</td> <td></td> <td>2833</td>	13	Overall Carriage Width		2833
15 Outside Tine Width (max spread)   mm   2483   16 Outside Tine Width (min spread)   mm   590   16   23.2   17   17   18   18   18   18   18   18				
15 Outside Tine Width (max spread)         mm 2483 in 97.8 sq.           16 Outside Tine Width (min spread)         mm 590 in 23.2 sq.           Tine Width (single tine)         mm 180.0 in 7.1 sq.           Tine Thickness         in 3.5 sq.           Tine Capacity         lbs 3261	14	Overall Carriage Height		
16 Outside Tine Width (min spread)   mm   590.8   mm   590.8   mm   590.8   mm   590.8   mm   1800.0   mm   1800.0   mm   7.1   mm   91.0   mm   91.	15	Outside Tipe Width (may spread)		2483
Tine Width (single tine)   In   23.2	13	Outside Title Width (max spread)	in	
In 23.2   In 2	16	Outside Tine Width (min spread)		
Ine Width (single tine)         in         7.1           Tine Thickness         in         3.5           Tine Capacity         kg         14800           bs         32615				
Tine Capacity         in 3.5           Bs 3261s         3.5		Tine Width (single tine)		
Tine Capacity kg 14800 lbs 3204		Tine Thickness		
lbs 32619				
l:= 10116		Tine Capacity		
	_	0 " W'II	ka	19146
		Operating weight		42198



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



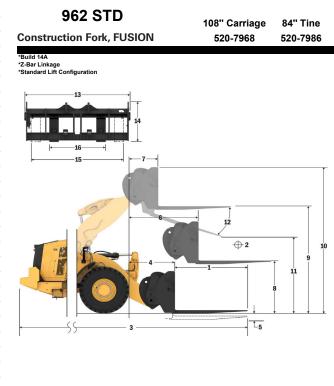


Lubricants, and Operator.

## **Fork Specifications**

#### **Fork Specifications**

	ik Opecinications		
1	Tine Length	mm in	2134 84.0
_	1 10 1	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	8853
	Static ripping Load - Straight (Porks Level)	lbs	19512
	Static Tipping Load - Articulated (Forks Level)	kg	7590
	otatio ripping zoda i rationatioa (i orito zovot)	lbs	16729
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3795
		lbs	8365 4554
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	10037
		kg	5770
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	12718
_		mm	9610
3	Maximum Overall Length	in	378.4
4	Reach with Forks at Ground Level	mm	1249
4	Reach with Forks at Ground Level	in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
	Gloding to Bottom of Time at Milliminant Height and Tork Level	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1775
	Trought Mary and Forest and Fores 2010	in	69.9
7	Reach with Fork at Maximum Height	mm	853
		in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
	<u> </u>	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3963 156.0
		mm	5003
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	197.0
		mm	1921
11	Clearance at Full Lift and Max Dump	in	75.6
40	Man Disabana Anala francillaria antal		
12	Max Discharge Angle from Horizontal	deg	54
12	Overall Carriage Width	mm	2833
-13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
	O Totali Garriago Froight	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	- ( 1 /	in	97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
	T. T.:	mm	90.0
	Tine Thickness	in	3.5
_	Ti 0it-	kg	12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	19208
	Operating weight	lbs	42334

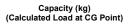


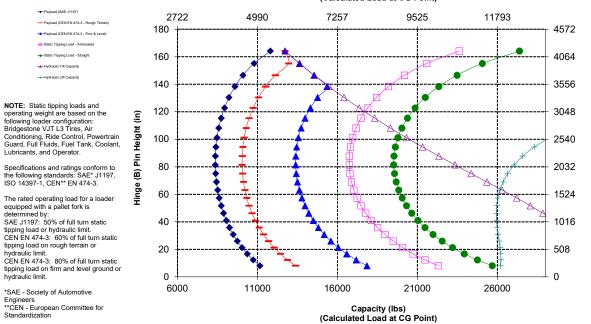
Hinge (B) Pin Height (mm)

Payload (CEN EN 474-3 - Firm & Level)

Lubricants, and Operator.

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



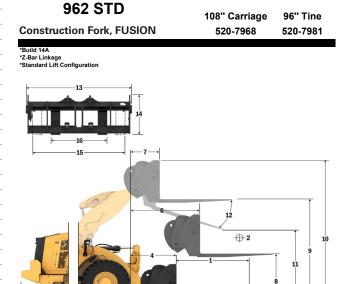


\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

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

#### **Fork Specifications**

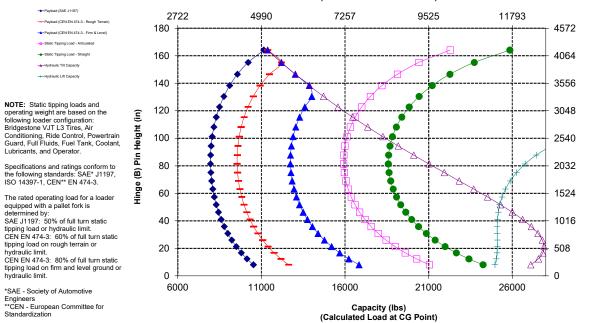
. •	opeoou		
1	Tine Length	mm in	2438 96.0
_	1404	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8431
	State Tipping Load Statignt (1 Sine Love)	lbs	18583
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7219 15910
		kg	3609
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	7955
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4331
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	9546
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5158
		lbs	11368
3	Maximum Overall Length	mm in	9914
	<u> </u>	mm	390.3 1249
4	Reach with Forks at Ground Level	in	49.2
_	to	mm	-91
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1775
	Treach with Annis Honzontal and Forks Level	in	69.9
7	Reach with Fork at Maximum Height	mm	853
		in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844 72.6
		in mm	3963
9	Ground to Top of Tine at Maximum Height and Fork Level	in	156.0
40	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5003
10	Overall neight of Fork at Full Lift (top of carnage to ground)	in	197.0
11	Clearance at Full Lift and Max Dump	mm	1675
•••	Clearance at r dir Elit and Wax Dump	in	65.9
12	Max Discharge Angle from Horizontal	deg	54
12	Overall Carriage Width	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 in	2483 97.8
		mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	ka	11300
	• •	lbs	24905
	Operating Weight	kq lbs	19271 42473
		IDS	42413



\*Negative values indicate below grade

Payload (CEN EN 474-3 - Firm & Level







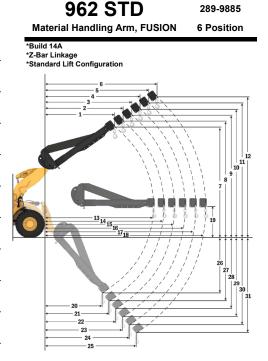
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

Lubricants, and Operator.

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

## **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
	mm	2,058	2,189	2,320	2,451	2,582	2,713
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	6' 9"	7' 2"	7' 7"	8' 0"	8' 5"	8' 10'
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	7,039	7,314	7,589	7,864	8,139	8,414
Max Litt - Hook Eyelet Height (7, 6, 9, 10, 11, 12)	ft, in	23' 1"	23' 11"	24' 10"	25' 9"	26' 8"	27' 7"
Lavel Harly Firelat Barack (42, 44, 45, 40, 47, 40)	mm	4,640	4,945	5,250	5,554	5,859	6,164
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)		15' 2"	16' 2"	17' 2"	18' 2"	19' 2"	20' 2"
Level - Hook Eyelet Height (19)	mm	1,810	1,810	1,810	1,810	1,810	1,810
	ft, in	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2'
Min 1:41   Hardy Friedrich Branch (20, 24, 22, 23, 24, 25)	mm	1,484	1,579	1,674	1,770	1,865	1,960
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	4' 10"	5' 2"	5' 5"	5' 9"	6' 1"	6' 5'
		(2,998)	(3,288)	(3,577)	(3,867)	(4,156)	(4,446
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 1"	-10' 2"	-11' 3"	-12' 3"	-13' 4"	-14' 4"
Static Tipping Load, Straight	kg	6,285	5,945	5,639	5,363	5,111	4,881
Static Tipping Load, Straight	lb	13,852	13,103	12,429	11,819	11,265	10,758
Challe Timing I and Adiculated	kg	5,441	5,146	4,880	4,640	4,421	4,221
Static Tipping Load, Articulated		11,992	11,341	10,756	10,226	9,744	9,304
O	kg	18,418	18,418	18,418	18,418	18,418	18,418
Operating Weight		40,593	40,593	40,593	40,593	40,593	40,593



289-9885

Hinge (B) Pin Height (mm)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

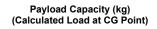
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

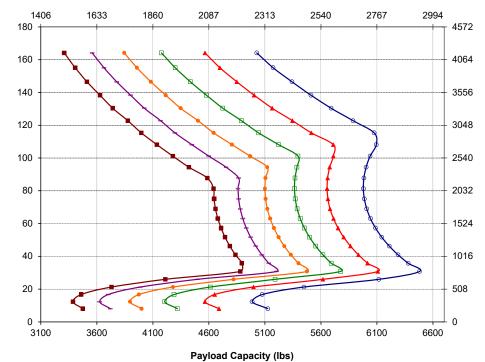
Hinge (B) Pin Height (in)

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

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

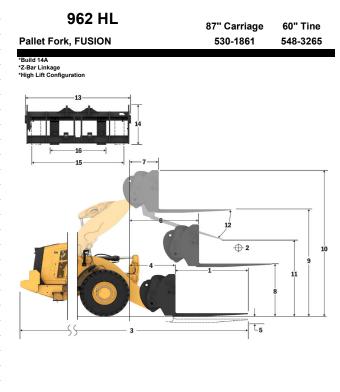
\*SAE - Society of Automotive Engineers





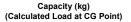
#### **Fork Specifications**

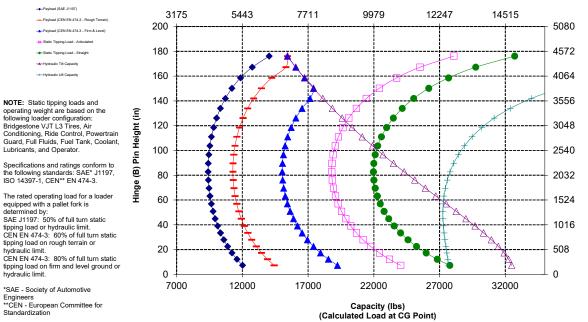
	ik Opcomodions		
1	Tine Length	mm	1524
	<del>-</del>	in	60.0 762
2	Load Center	mm in	30.0
		kg	9963
	Static Tipping Load - Straight (Forks Level)	lbs	21958
	0.5.7.1.1.4.5.1.1.5.1.1.1.1.1.1.1.1.1.1.1.1.1	kg	8525
	Static Tipping Load - Articulated (Forks Level)	lbs	18790
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4263
	Rated Load (SAE 31197 - 50% F151L)	lbs	9395
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5115
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	11274
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6820
	Nated Load (OLIV LIV 474-31 IIIII and Level Gloding - 00701 1012)	lbs	15032
3	Maximum Overall Length	mm	9514
_	Waximum Overali Eengui	in	374.6
4	Reach with Forks at Ground Level	mm	1654
	Trodon Mari Onto de Orodina Euro	in	65.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-192
	<del></del>	in	-7.5
6	Reach with Arms Horizontal and Forks Level	mm	2088
		in	82.2
7	Reach with Fork at Maximum Height	mm	978
	<u> </u>	in	38.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1740
	<u>'</u>	in	68.5 4164
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	163.9
	<u> </u>	mm	4939
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	194.4
		mm	2822
11	Clearance at Full Lift and Max Dump	in	111.1
12	Max Discharge Angle from Horizontal	deg	45
42	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
11	Overall Carriage Height	mm	840
14	Overall Carriage neight	in	33.1
15	Outside Tine Width (max spread)	mm	2070
13	Odiside Tille Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Outside Tille Width (Hill Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	g.o uno)	in	5.9
	Tine Thickness	mm	65.0
	***************************************	in	2.6
	Tine Capacity	kg	6300
	· I · /	lbs	13885
	Operating Weight	kg	19945
		lbs	43959



- Payload (CEN EN 474-3 - Rough Ter

→ Payload (CEN EN 474-3 - Firm & Level)





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

Lubricants, and Operator.

tipping load on firm and level ground or hydraulic limit.

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

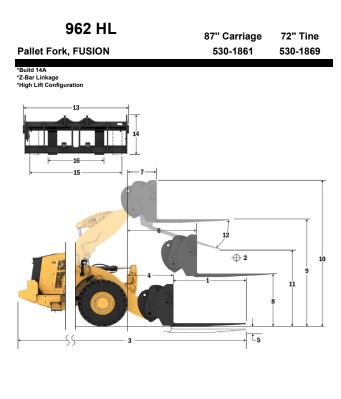
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

## **Fork Specifications**

Fork Specifications	Fork	Specifi	cations
---------------------	------	---------	---------

	opoomounomo		
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	9519
		lbs ka	20979 8139
	Static Tipping Load - Articulated (Forks Level)	lbs	17938
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4069
	Rated Load (SAE J1197 - 50% F151L)	lbs	8969
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4883
	Traited Edda (OETT ETT TO Trought Fortain Object Forte)	lbs	10763
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6153
	,	lbs mm	13560 9820
3	Maximum Overall Length	in	386.6
_		mm	1654
4	Reach with Forks at Ground Level	in	65.1
_	todt- B-tt	mm	-192
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-7.5
6	Reach with Arms Horizontal and Forks Level	mm	2088
_	Treasi Will / IIII S FISHESHILL AND FORS ECVE	in	82.2
7	Reach with Fork at Maximum Height	mm	978
_		in	38.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1740
	·	in mm	68.5 4164
9	Ground to Top of Tine at Maximum Height and Fork Level	in	163.9
	0 1111111111111111111111111111111111111	mm	4939
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	194.4
11	Clearance at Full Lift and Max Dump	mm	2606
<u>'''</u>	Oleanance at 1 uli Liit and Max Dump	in	102.6
12	Max Discharge Angle from Horizontal	deg	45
12	Overall Carriage Width	mm	2217
13	Overall Carriage Width	in	87.3
14	Overall Carriage Height	mm	840
		in	33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
		mm	470
16	Outside Tine Width (min spread)	in	18.5
	T 140 M ( ) ( ) ( )	mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
	THE THICKNESS	in	2.6
	Tine Capacity	kg	5246
		lbs	11562
	Operating Weight	kg	19992
	· · ·	lbs	44063



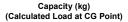
Hinge (B) Pin Height (mm)

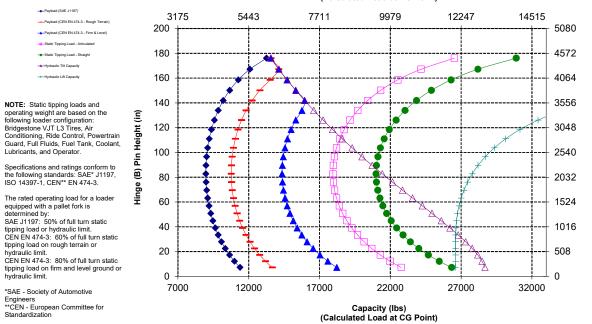
--- Payload (CEN EN 474-3 - Rough Terrain

Payload (CEN EN 474-3 - Firm & Level

Lubricants, and Operator.

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



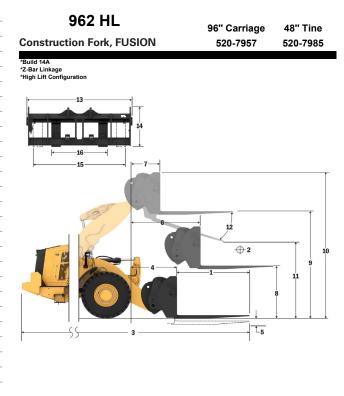




<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

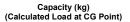
1 0	ik opecinications		
1	Tine Length	mm in	1219 48.0
2	Load Center	mm in	610 24.0
_	Static Tipping Load - Straight (Forks Level)	kg	10169
_	Static Tipping Load - Articulated (Forks Level)	lbs kg	22412 8666
	Static Tipping Load - Articulated (Forks Level)	lbs	19101
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4333 9550
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5200
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs kg	11461 6933
	Nated Load (OLIV LIV 474-31 IIIII and Level Glound - 00 % 1 131L)	lbs	15281
3	Maximum Overall Length	mm in	9170 361.0
4	Reach with Forks at Ground Level	mm	1614
_	Treadil Will Folks at Ground Edver	in	63.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-112 -4.4
6	Reach with Arms Horizontal and Forks Level	mm	2081
_	Reach with Annis Horizontal and Porks Level	in	81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
_	<u> </u>	in	72.6 4268
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	168.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5308 209.0
11	Clearance at Full Lift and Max Dump	mm in	3003 118.2
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	2528
	Oreitan Carriage Water	in	99.5 1130
14	Overall Carriage Height	mm in	44.5
15	Outside Tine Width (max spread)	mm	2178
	· · · · ·	in mm	85.7 576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
_		in	3.5 22200
	Tine Capacity	kq lbs	48929
	Operating Weight	kg	20254
	operating trought	lbs	44640

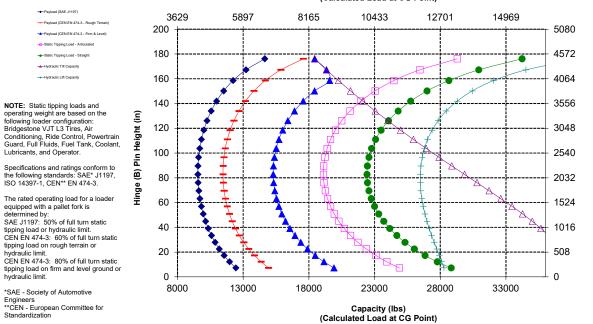


Payload (CEN EN 474-3 - Firm & Level)

Lubricants, and Operator.

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







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

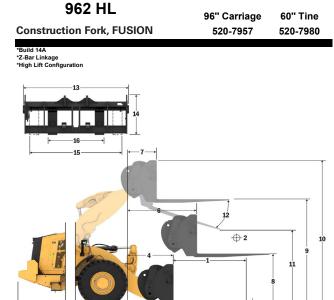
Pin Height (mm)

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

## **Fork Specifications**

#### **Fork Specifications**

1			
•	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
_	Load Certier	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	9682
	,	lbs	21338 8241
	Static Tipping Load - Articulated (Forks Level)	kg lbs	18164
		kg	4121
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9082
	Detect Lend (OFN FN 474 2 Decembration COOK FTOTI )	ka	4945
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10898
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6593
	Trated Load (CEIV EIV 474-51 IIIII and Level Gloding - 00 701 151E)	lbs	14531
3	Maximum Overall Length	mm	9475
_	maximam overall congui	in	373.0
4	Reach with Forks at Ground Level	mm	1615
		in	63.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-112
	<u> </u>	in mm	-4.4 2081
6	Reach with Arms Horizontal and Forks Level	in	81.9
_		mm	971
7	Reach with Fork at Maximum Height	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
ŏ	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4268
-	Cround to Top of Time at Maximum Height and Fork Level	in	168.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5308
		in	209.0
11	Clearance at Full Lift and Max Dump	mm	2765
	<u>'</u>	in	108.8
12	Max Discharge Angle from Horizontal	deg	51
		mm	2528
13	Overall Carriage Width	in	99.5
4.4	Overall Carriege Height	mm	1130
14	Overall Carnage Height	in	44.5
15	Outside Tine Width (may spread)	mm	2178
	Outside Title Width (Max spread)		85.7
16	Outside Tine Width (min spread)		576
			22.7
	Tine Width (single tine)		180.0
_	• • •		7.1 90.0
	Tine Thickness	mm in	3.5
_		ka	17800
	Tine Capacity	lbs	39231
	Operating Weight	ka	20320
15 16		mm in mm in mm in mm in	1



5080

4572

4064

3556

3048

2540

2032

1524 1016

508

32000

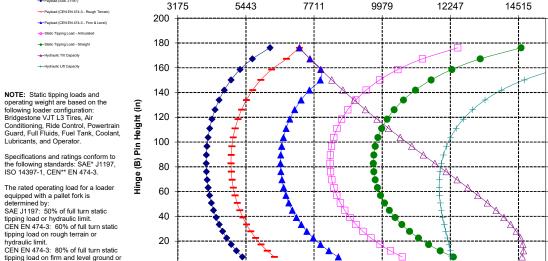
Hinge (B) Pin Height (mm)

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

22000

Capacity (lbs) (Calculated Load at CG Point)

27000



17000

12000

tipping load on firm and level ground or hydraulic limit.

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Engineers
\*\*CEN - European Committee for



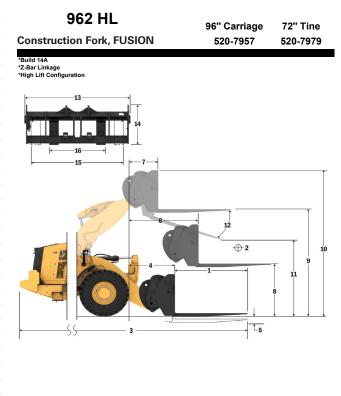
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

7000

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

#### **Fork Specifications**

	ik opecilications		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9232
		lbs ka	20347 7849
	Static Tipping Load - Articulated (Forks Level)	lbs	17299
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3924
	Nated Load (SAE 31197 - 30 % F131L)	lbs	8649
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4709
	((	lbs	10379
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6279 13839
		mm	9780
3	Maximum Overall Length	in	385.0
4	Reach with Forks at Ground Level	mm	1615
4	Reach with Porks at Ground Level	in	63.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-112
_	Ordana to Bottom of Timo at Millimian Froight and Fork 2010	in	-4.4
6	Reach with Arms Horizontal and Forks Level	mm	2081
_		in	81.9
7	Reach with Fork at Maximum Height	mm in	971 38.2
_	0 11 7 77 31 4 11 1 15 11 1	mm	1844
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4268
	Glound to Top of Time at Maximum Height and Fork Level	in	168.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5308
		in	209.0
11	Clearance at Full Lift and Max Dump	mm in	2527
	<u> </u>		99.5
12	Max Discharge Angle from Horizontal	deg	51
12	Overall Carriage Width	mm	2528
-13	Overall Carriage viruli	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine (Midth (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THIS THIS HOUSE	in	3.5
	Tine Capacity	kq	14800
_	· ,	lbs	32619
	Operating Weight	kq lbs	20381 44920
_		IDS	44320



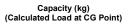
- Payload (CEN EN 474-3 - Rough Te

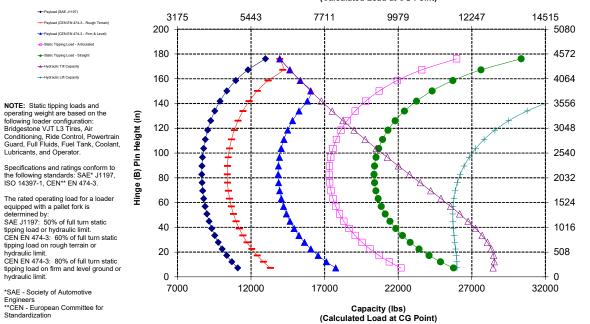
Lubricants, and Operator.

\*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 - Firm & Level)





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

Pin Height (mm)

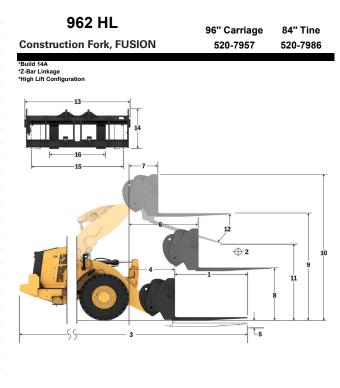
Hinge (B)

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

## **Fork Specifications**

#### **Fork Specifications**

	ik opcomoutions		
1	Tine Length	mm in	2134 84.0
_		mm	1067
2	Load Center	in	42.0
	Otatic Timeira I and Otaciela (Foder I avel)	kg	8810
	Static Tipping Load - Straight (Forks Level)	lbs	19418
	Static Tipping Load - Articulated (Forks Level)	kg	7480
	Otatic Tipping Load - Articulated (1 Orks Level)	lbs	1648
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3740
		lbs	8243
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4488
	(	lbs	9892
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5602 1234
	· · · · · · · · · · · · · · · · · · ·	lbs mm	1008
3	Maximum Overall Length	in	397.0
_		mm	1615
4	Reach with Forks at Ground Level	in	63.6
_		mm	-112
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-4.4
_	B 1 314 11 15 11 1	mm	2081
6	Reach with Arms Horizontal and Forks Level	in	81.9
7	Deceloration 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	1844
_	Glodild to Top of Title Will Airlis Horizontal and Fork Level	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4268
_		in	168.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5308
	· · · · · · · · · · · · · · · · · · ·	in	209.0
11	Clearance at Full Lift and Max Dump	mm	2288
	<u> </u>	in	90.1
12	Max Discharge Angle from Horizontal	deg	51
12	Overall Carriage Width	mm	2528
10	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
•••	O Totali O amago moigni	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	· ' ' /	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
_		mm	180.0
	Tine Width (single tine)	in	7.1
	Time Third was	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	1270
	тне Сараску	lbs	2799
	Operating Weight	kg	2044
	Operating Trought	lbs	4505

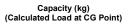


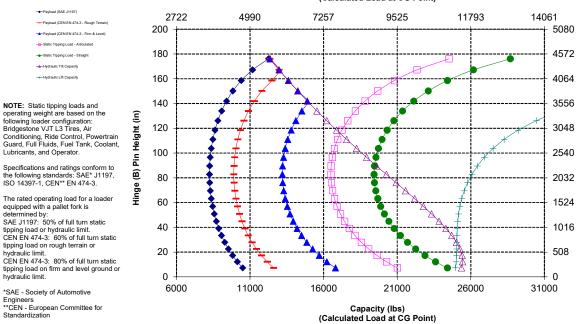
Pin Height (mm)

Hinge (B)

- Payload (CEN EN 474-3 - Rough Ter

Payload (CEN EN 474-3 - Firm & Level)





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.

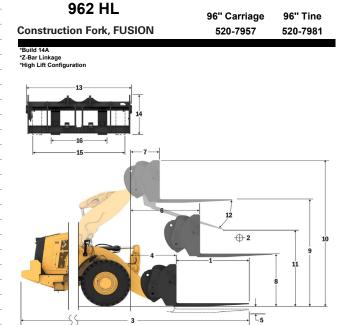
Lubricants, and Operator.

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

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

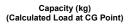
#### **Fork Specifications**

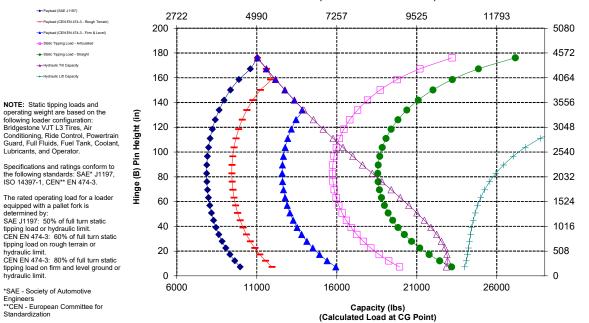
. •	··· opeoinounene		
1	Tine Length	mm in	2438 96.0
_	Land Carter	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8418
	otatio ripping zona otraigni (romo zoro.)	lbs	18552
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7136 15728
		kg	3568
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	7864
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4282
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	9437
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5006
	,	lbs	11033
3	Maximum Overall Length	mm in	10389 409.0
		mm	1615
4	Reach with Forks at Ground Level	in	63.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-112
<b>5</b>	Ground to Bottom of Time at Minimum Height and Fork Level	in	-4.4
6	Reach with Arms Horizontal and Forks Level	mm	2081
_	Trought Mary anno Fronzontal and Forto 2010	in	81.9
7	Reach with Fork at Maximum Height	mm	971
_		in mm	38.2 1844
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
_	One and to Top of Tip of the and Marie and I have been decided and I	mm	4268
9	Ground to Top of Tine at Maximum Height and Fork Level	in	168.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5308
	Overall Holght of Fork at Full Lift (top of barriage to ground)	in	209.0
11	Clearance at Full Lift and Max Dump	mm	2051
	· '	in	80.7
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Tine Width (min spread)	mm	576
10	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	···- ·· (-···g·- ···-)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 11300
	Tine Capacity	kg lbs	24905
_	On another a Mariaba	ka	20506
	Operating Weight	lbs	45196



\*Negative values indicate below grade

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





Lubricants, and Operator.

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

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

SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.

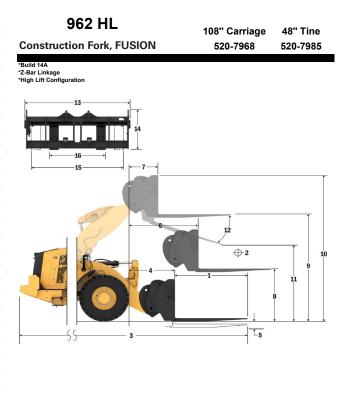
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

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

### **Fork Specifications**

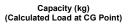
#### **Fork Specifications**

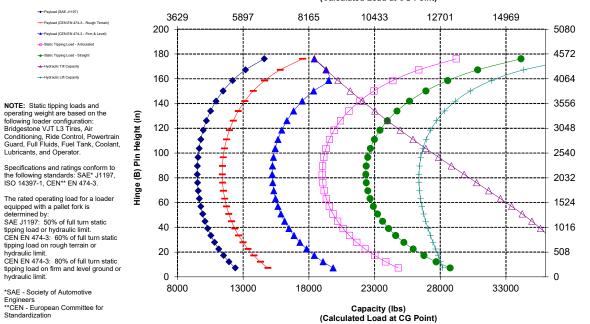
	ik Opcomoditions		
1	Tine Length	mm in	1219 48.0
		mm	610
2	Load Center	in	24.0
	Otatic Timping Local Otacidat (Fodes Local)	kg	10127
	Static Tipping Load - Straight (Forks Level)	lbs	22320
	Static Tipping Load - Articulated (Forks Level)	kg	8625
	Static ripping Load - Articulated (Porks Level)	lbs	19009
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4312
	Trailed Edda (G/IE 01101 - 00701 101E)	lbs	9505
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5175
	Trailed Load (OLIT LIT IT TO Troagil Torrain Co 70 T TO TL)	lbs	11405
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6900
		lbs	15207
3	Maximum Overall Length	mm	9170
		in	361.0
4	Reach with Forks at Ground Level	mm	1614 63.6
		in mm	-112
5	*Ground to Bottom of Tine at Minimum Height and Fork Level		-4.4
	<u> </u>	in mm	2081
6	Reach with Arms Horizontal and Forks Level	in	81.9
_		mm	971
7	Reach with Fork at Maximum Height	in	38.2
_	0 11 7 77 71 4 11 1 15 11 1	mm	1844
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
9	Oncome data Torre of Time and Manifestoria United and Foods Level	mm	4268
9	Ground to Top of Tine at Maximum Height and Fork Level	in	168.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5308
10	Overall rieight of Fork at Full Lift (top of carriage to ground)	in	209.0
11	Clearance at Full Lift and Max Dump	mm	3003
	Olearance at 1 dil Elit and Max Dump	in	118.2
12	Max Discharge Angle from Horizontal	deg	51
	max biodiai go / tigio irom i ronbontai		
13	Overall Carriage Width	mm	2833
	· · · · · · · · · · · · · · · · · · ·	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5 2493
15	Outside Tine Width (max spread)	mm in	98.1
		mm	590
16	Outside Tine Width (min spread)	in	23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
	Tion Third and	mm	90.0
	Tine Thickness	in	3.5
	Tine Canacity	ka	22200
	Tine Capacity	lbs	48929
	Operating Weight	kg	20307
	Operating weight	lbs	44757



Pin Height (mm)

Payload (CEN EN 474-3 - Firm & Level)





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

Lubricants, and Operator.

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

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

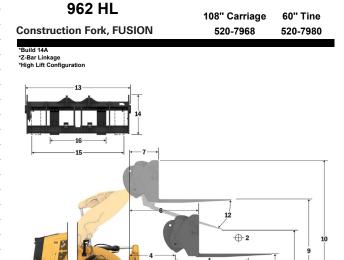
Ĺ<sub>5</sub>

Hinge (B) Pin Height (mm)

### **Fork Specifications**

#### **Fork Specifications**

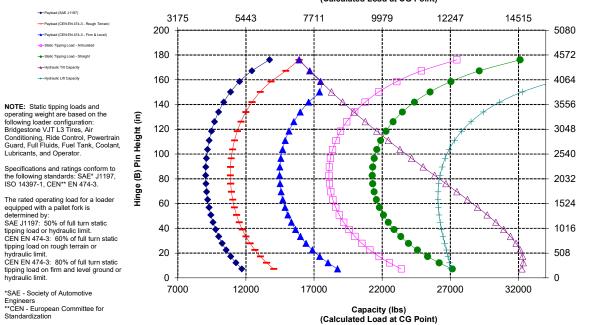
Language   Language		ороспочного		
2	1	Tine Length		1524
Static Tipping Load - Straight (Forks Level)   In   Static Tipping Load - Articulated (Forks Level Articulated In   Static Tipping Load - Articulated (In   Articulated In   Articulated In   Static Tipping Load - Articulated In   Static Tip	_			
Static Tipping Load - Straight (Forks Level)   Ibis   2125	2	Load Center		30.0
Static Tipping Load - Articulated (Forks Level)   Iss   1808   820   1808   Rated Load (SAE J1197 - 50% FTSTL)   Iss   904   804   804   904   804		Static Tipping Load - Straight (Forks Level)		9645
Rated Load (SAE J1197 - 50% FTSTL)   Ibis   1808   904   904   902   1808   904   902   1808   904   902   1808   904   902   1808   904   902   1808   904   902   1808   904   902   1808   904   902   1808   904   902   1808   904   902   1808   904   903   904   903   904   903   904   903   904   903   904   903		Otatio Tipping Load - Otalight (Folko Lovel)		21258
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (SEA 51197 - 30% F151L)   Ibis   9042		· · · · · · · · · · · · · · · · · · ·		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)         kg a 6954 (SEN 6956)           Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg 6564 (SEN 6956)           3 Maximum Overall Length         mm 9475 (SEN 6956)           4 Reach with Forks at Ground Level         mm 1615 (SEN 6956)           5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 2017 (SEN 6956)           6 Reach with Arms Horizontal and Forks Level         mm 2028 (SEN 6956)           7 Reach with Fork at Maximum Height         mm 971 (SEN 6956)           8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 (SEN 6956)           9 Ground to Top of Tine at Maximum Height and Fork Level         mm 4266 (SEN 6956)           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5306 (SEN 6956)           11 Clearance at Full Lift and Max Dump         mm 2091 (SEN 6956)           12 Max Discharge Angle from Horizontal         deg 51           13 Overall Carriage Width         mm 283 (SEN 6956)           15 Outside Tine Width (max spread)         mm 280 (SEN 6956)           16 Outside Tine Width (min spread)         mm 590 (SEN 6956)           17 Tine Thickness         mm 90.0 (SEN 6956)           18 Tine Capacity         (Sen 7856)           18 Questing Weight         SEN 7856		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Dated Load (CEN EN 474 2 Daysh Tarrain, 600/ ETCTL)		4923
1446   1446		Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)		10850
3   Maximum Overall Length		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		6564
A Reach with Forks at Ground Level   nm   615   63.6		Traice Educ (OEIV EIV 474-01 IIIII and Edver Greating - 00701 1012)		14467
4         Reach with Forks at Ground Level         mm fast, 63 to 38 to 38 to 38 to 38 to 39 to 30 to 3	3	Maximum Overall Length		
4 Reach with Forks at Ground Level         in 63.6           5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 1.12 in 31.2           6 Reach with Arms Horizontal and Forks Level         mm 97.1           7 Reach with Fork at Maximum Height         mm 97.1           8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm 18.4           9 Ground to Top of Tine at Maximum Height and Fork Level         mm 42.6           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm 530           11 Clearance at Full Lift and Max Dump         mm 276           12 Max Discharge Angle from Horizontal         deg 51           13 Overall Carriage Width         mm 133           14 Overall Carriage Height         mm 130           15 Outside Tine Width (max spread)         mm 248           16 Outside Tine Width (min spread)         mm 590           Tine Width (single tine)         mm 180           Tine Thickness         mm 90.0           Tine Capacity         lbs 3923           Operating Weight         8 2036				
5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 1.12 in	4	Reach with Forks at Ground Level		
6         Reach with Arms Horizontal and Forks Level         in al. 2081           7         Reach with Fork at Maximum Height         mm g71           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 426           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5308           11         Clearance at Full Lift and Max Dump         mm 276           12         Max Discharge Angle from Horizontal         deg 51           13         Overall Carriage Width         in 111           14         Overall Carriage Height         mm 283           15         Outside Tine Width (max spread)         mm 248           16         Outside Tine Width (min spread)         mm 590           16         Outside Tine Width (min spread)         mm 890           17         in 7.14           Tine Width (single tine)         mm 890           18         17           19         18           10         20           11         11           12         12           15         Outside Tine Width (min spread)           16         Outside Tine Width (min spread)	_			
6         Reach with Arms Horizontal and Forks Level         mm 208: n 81,9         208: n 81,9           7         Reach with Fork at Maximum Height         mm 97! in 38.2           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 4266 in 72.6           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 4266 in 168.           10         Overall Height of Fork at Full Lift (top of carriage to ground)         in 209.           11         Clearance at Full Lift and Max Dump         mm 2766 in 108.1           12         Max Discharge Angle from Horizontal         deg 51           13         Overall Carriage Width         mm 2813 in 111.1           14         Overall Carriage Height         mm 113.1           15         Outside Tine Width (max spread)         mm 248 in 236.1           16         Outside Tine Width (min spread)         mm 590 in 23.2           Tine Width (single tine)         mm 180.1           Tine Thickness         mm 90.0           Tine Capacity         lbs 3923           Operating Weight         80 2036	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
Reach with Fork at Maximum Height	6	Peach with Arms Harizantal and Earks Lavel	mm	2081
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   1844   mm   4266	•	Reach with Airis Fiorizonial and Forks Level	in	81.9
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   1844   mm   72.6   mm   1849   mm   mm   mm   mm   mm   mm   mm	7	Reach with Fork at Maximum Height	mm	
9   Ground to Top of Tine With Arms Florizontal and Fork Level   in   72,8   mm   4266   mm   4266   mm   4266   mm   4266   mm   4266   mm   5300		Trought Mari on at maximum rioight		38.2
9         Ground to Top of Tine at Maximum Height and Fork Level         mm in 168.         4266.           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5306.         5306.           11         Clearance at Full Lift and Max Dump         mm 276.         209.           12         Max Discharge Angle from Horizontal         deg 51.           13         Overall Carriage Width         mm 283.         11.1.           14         Overall Carriage Height         mm 113.         11.3.           15         Outside Tine Width (max spread)         mm 248.         208.           16         Outside Tine Width (min spread)         mm 590.         590.           1         Tine Width (single tine)         mm 180.         10.7.1.           1         Tine Thickness         mm 90.0.         10.3.5.           Tine Capacity         lbs 3923.         3923.           Operating Weight         ka 2036.         2036.	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
168		·		
10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5306 in 2099           11         Clearance at Full Lift and Max Dump         mm 2766 in 109.1           12         Max Discharge Angle from Horizontal         deg 51           13         Overall Carriage Width         mm 2833 in 111.1           14         Overall Carriage Height         in 44.5           15         Outside Tine Width (max spread)         mm 2483 in 97.2           16         Outside Tine Width (min spread)         mm 550 in 23.2           Tine Width (single tine)         mm 850 in 7.1           Tine Thickness         mm 90.0 in 3.5           Tine Capacity         las 378 in 3.5           Operating Weight         ka 2036	9	Ground to Top of Tine at Maximum Height and Fork Level		
11   Clearance at Full Lift and Max Dump   mm   2765   in   108.1     12   Max Discharge Angle from Horizontal   deg   51     13   Overall Carriage Width   mm   283   in   111.1     14   Overall Carriage Height   mm   113   in   14.5     15   Outside Tine Width (max spread)   mm   248   in   97.1     16   Outside Tine Width (min spread)   mm   590   in   23.2     17   Tine Width (single tine)   mm   180.1   in   7.1     18   Tine Thickness   mm   90.0   in   3.5     19   Tine Capacity   lbs   3923   Operating Weight   degrees   3923   Operating Weight   degrees   2011   degre		0 1111111111111111111111111111111111111		5308
11   Clearance at Full Lift and wax Dump   in   108.1     12   Max Discharge Angle from Horizontal   deg   51     13   Overall Carriage Width   in   111.1     14   Overall Carriage Height   in   44.5     15   Outside Tine Width (max spread)   in   24.8     16   Outside Tine Width (min spread)   im   25.0     16   Outside Tine Width (min spread)   in   23.2     17   Tine Width (single tine)   in   7.1     17   Tine Thickness   in   3.5     18   Tine Capacity   lbs   3923     Operating Weight   8   2036	10	Overall Height of Fork at Full Lift (top of carriage to ground)		209.0
12         Max Discharge Angle from Horizontal         deg         51           13         Overall Carriage Width         mm         283           14         Overall Carriage Height         mm         111.           15         Outside Tine Width (max spread)         mm         248           16         Outside Tine Width (min spread)         mm         590           Tine Width (single tine)         mm         180.           Tine Thickness         mm         90.0           Tine Capacity         lbs         3923           Operating Weight         ka         2036	11	Clearance at Full Lift and Max Dump	mm	2765
13   Overall Carriage Width   mm   283   in   111.     14   Overall Carriage Height   mm   113.     15   Outside Tine Width (max spread)   mm   248   in   97.8     16   Outside Tine Width (min spread)   mm   590   in   23.2     Tine Width (single tine)   mm   180.1     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   ka   1780   lbs   3923     Operating Weight   8   2036	•••	Olearance at 1 dil Elit and Max Dump	in	108.8
11   11   11   11   11   11   11   1	12	Max Discharge Angle from Horizontal	deg	51
11   11   11   11   11   11   11   1				2022
14 Overall Carriage Height         in 44.5 in 44.5           15 Outside Tine Width (max spread)         mm 590           16 Outside Tine Width (min spread)         in 32.2 in 7.3           Tine Width (single tine)         mm 80.0 in 7.1	13	Overall Carriage Width		
14 Overal carriage reight   in   44.5     15 Outside Tine Width (max spread)   mm   248.5     16 Outside Tine Width (min spread)   mm   590     17   18   19   19   19     18   19   19   19     19   19   19   19     19   19				1130
16 Outside Tine Width (min spread)   n   97.8     16 Outside Tine Width (min spread)   mm   590     17   18   19   19     18   19   19     19   19   19     19   19	14	Overall Carriage Height		44.5
16 Outside Tine Width (min spread)   mm   590	15	Outside Tine Width (may enreed)	mm	2483
Tine Width (single tine)   mm   1801   m   7.1   mm   1801   m   7.1   mm   1801   m   7.1   mm   1801   m   7.1   mm   90.0   mm   90.0	13	Outside Title Width (max spread)	in	97.8
Tine Width (single tine)	16	Outside Tine Width (min spread)		
Time Width (single time)         in         7.1           Tine Thickness         in         9.0           Tine Capacity         ka         1780           Operating Weight         kg         2036				
Tine Thickness         mm         90.0           In         3.5           Tine Capacity         ka         1780           Operating Weight         ka         2036		Tine Width (single tine)		
Tine Capacity				
Tine Capacity         kg         1780           Operating Weight         kg         2036		Tine Thickness		
Ibs   3923		Ti 0it-		17800
Operating Weight kg 2036		Tine Capacity		39231
lbs 4489		Operating Weight		20369
		Operating Weight	lbs	44894



\*Negative values indicate below grade

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

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



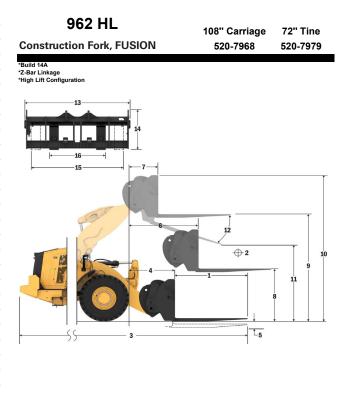
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

Lubricants, and Operator.

## **Fork Specifications**

#### **Fork Specifications**

	ik opecinications		
1	Tine Length	mm in	1829 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9196
	Static Tipping Load - Straight (Porks Lever)	lbs	20268
	Static Tipping Load - Articulated (Forks Level)	kg	7813
	otatio ripping 2000 / titodiatou (r onto 2010)	lbs	17220
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3906 8610
	<u> </u>	lbs kg	4688
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10332
		kg	6250
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13776
3	Maximum Overall Length	mm	9780
3	Maximum Overali Lengin	in	385.0
4	Reach with Forks at Ground Level	mm	1615
	Treach with Forks at Ground Level	in	63.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-112
	Cround to Bottom or this at minimal rought and ron Love	in	-4.4
6	Reach with Arms Horizontal and Forks Level	mm	2081
		in	81.9
7	Reach with Fork at Maximum Height	mm	971
	<u> </u>	in mm	38.2 1844
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
_		mm	4268
9	Ground to Top of Tine at Maximum Height and Fork Level	in	168.0
	O	mm	5308
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	209.0
11	Clearance at Full Lift and Max Dump	mm	2527
	Clearance at Full List and Max Dump	in	99.5
12	Max Discharge Angle from Horizontal	deg	51
	Max Districting of Arigin from Fronzontal		
13	Overall Carriage Width	mm	2833
		in	111.5 1130
14	Overall Carriage Height	mm in	44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
	O 1 11 T 147 H 1 1 1 1	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	THE WILL (SHIGHE HILE)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	kq	14800
	* 1 - 2	lbs	32619
	Operating Weight	kq	20431
	· · ·	lbs	45030



Hinge (B) Pin Height (mm)

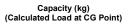
- Payload (CEN EN 474-3 - Rough Ter

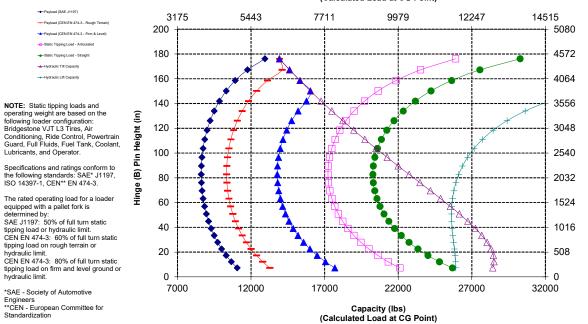
Lubricants, and Operator.

\*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 - Firm & Level)





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

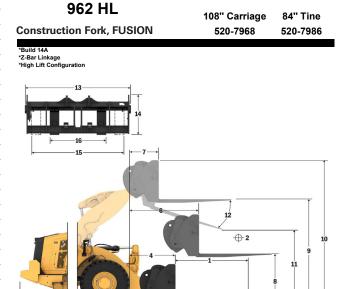
Ĺ<sub>5</sub>

Hinge (B) Pin Height (mm)

### **Fork Specifications**

#### **Fork Specifications**

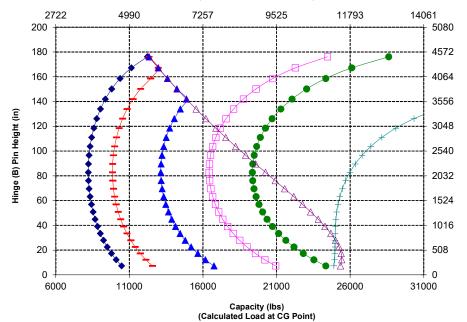
. •	opeoou		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	8777
	Class Tipping Load Classifit (Forto Lovo)	lbs	19344
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7447 16412
		kg	3723
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8206
	Detect   cod (OFN EN 474 à Decemb Tomoir COO) ETOTI )	kg	4468
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	9847
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5595
	rtated Edda (OE14 E14 47 4 01 IIIII dila Edver Ordana - 00 701 101E)	lbs	12332
3	Maximum Overall Length	mm	10085
	· •	in	397.0
4	Reach with Forks at Ground Level	mm in	1615 63.6
		mm	-112
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-4.4
_	Reach with Arms Horizontal and Forks Level	mm	2081
6	Reach with Arms Horizontal and Forks Level	in	81.9
7	Reach with Fork at Maximum Height	mm	971
	Treach with Fork at Maximum Fleight	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
	· !	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4268 168.0
		mm	5308
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	209.0
	Olasson at Full Life and Mary Down	mm	2288
11	Clearance at Full Lift and Max Dump	in	90.1
12	Max Discharge Angle from Horizontal	deg	51
12	Wax Discharge Angle Hom Horizontal		-
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
40	Outside Time Middle (min seemed)	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Title Wider (olligie alle)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	12700
	· · · · · · · · · · · · · · · · · · ·	lbs ka	27991 20493
	Operating Weight	lbs	45167
		ins	45107



\*Negative values indicate below grade

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

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



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

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

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

SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.

tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive

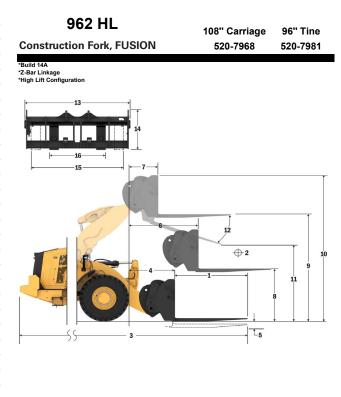
Engineers
\*\*CEN - European Committee for



## **Fork Specifications**

E a ulc	0	ificat	
rork	Spec	писат	iions

1	Tine Length	mm in	2438 96.0
_		mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8384
	Citato Tipping Load - Citaignt (1 Onto Lovel)	lbs	18479
	Static Tipping Load - Articulated (Forks Level)	kg	7103
		lbs kg	15655 3552
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	7828
	Detect of COEN EN 474 C Describ Terrain COOK ETCTL)	kg	4262
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	9393
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	4999
	Trace Edda (OEIV EIV 474-01 IIII and Edvoi Glodina - 00% 1 101E)	lbs	11018
3	Maximum Overall Length	mm	10389
	. <u>v</u>	in	409.0 1615
4	Reach with Forks at Ground Level	mm in	63.6
_		mm	-112
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-4.4
6	Reach with Arms Horizontal and Forks Level	mm	2081
٥	Reach with Arms Horizontal and Porks Level	in	81.9
7	Reach with Fork at Maximum Height	mm	971
	Trough man for at maximum rioight	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
	<u> </u>	in	72.6 4268
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	168.0
	0	mm	5308
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	209.0
11	Clearance at Full Lift and Max Dump	mm	2051
	Clearance at 1 dir Lint and Max Dump	in	80.7
12	Max Discharge Angle from Horizontal	deg	51
40	O II O	mm	2833
13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	- ( 1 /	in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKHESS	in	3.5
	Tine Capacity	kq	11300
	inc appacy	lbs	24905
	Operating Weight	kg	20556
	· · · · ·	lbs	45306



Hinge (B) Pin Height (mm)

- Payload (CEN EN 474-3 - Rough Ter

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

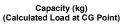
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

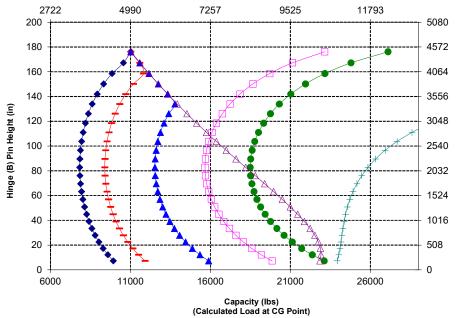
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

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

Lubricants, and Operator.

Payload (CEN EN 474-3 - Firm & Level)

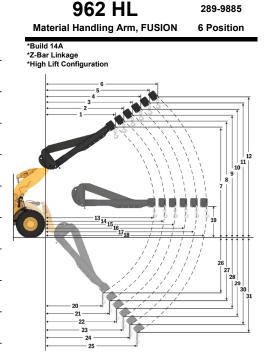




<sup>\*</sup>Negative values indicate below grade

## **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
M 17 11 15 11B 1 (4 0 0 4 5 0)	mm	1,888	1,991	2,095	2,198	2,302	2,406
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	6' 2"	6' 6"	6' 10"	7' 2"	7' 6"	7' 10"
Manual #4   Unada Faralast Unitable (7 0 0 40 44 40)	mm	7,489	7,776	8,063	8,349	8,636	8,923
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	ft, in	24' 6"	25' 6"	26' 5"	27" 4"	28' 4"	29' 3"
1 1 1 1 5 1 1 5 1 1 6 1 1 1 1 1 1 1 1 1	mm	4,946	5,251	5,556	5,860	6,165	6,470
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	ft, in	16' 2"	17' 2"	18' 2"	19' 2"	20' 2"	21' 2"
	mm	1,810	1,810	1,810	1,810	1,810	1,810
Level - Hook Eyelet Height (19)	ft, in	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2"
F 17 11 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1	mm	3,225	3,442	3,659	3,875	4,092	4,309
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	10' 6"	11' 3"	12' 0"	12' 8"	13' 5"	14' 1"
AF 178 11 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	(2,302)	(2,517)	(2,731)	(2,945)	(3,160)	(3,374)
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-7' 5"	-8' 8"	-8' 0"	-9' 4"	-10' 7"	-11' 11"
0.5.7	kg	6,413	6,084	5,786	5,516	5,268	5,042
Static Tipping Load, Straight	lb	14,135	13,409	12,753	12,157	11,612	11,112
Chatia Timeira I and Adiandated	kg	5,503	5,220	4,963	4,730	4,518	4,322
Static Tipping Load, Articulated	lb	12,129	11,504	10,940	10,426	9,957	9,526
Occasion Weight	kg	19,703	19,703	19,703	19,703	19,703	19,703
Operating Weight	lb	43,426	43,426	43,426	43,426	43,426	43,426





NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, 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

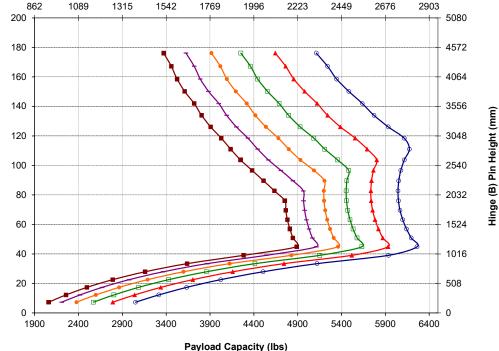
Hinge (B) Pin Height (in)

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

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

\*SAE - Society of Automotive Engineers

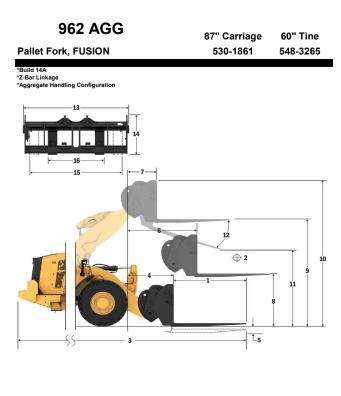
#### Payload Capacity (kg) (Calculated Load at CG Point) 862 1089 1315 1542 1769 1996 2223 200 180



### **Fork Specifications**

#### **Fork Specifications**

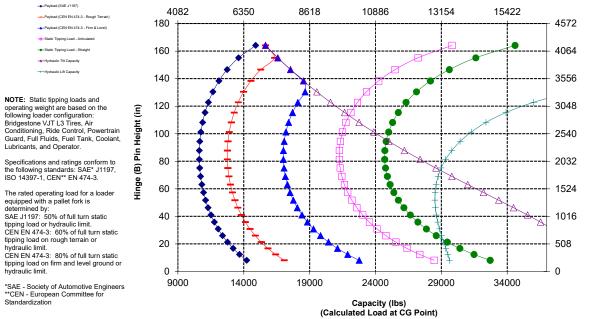
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	11200
		lbs ka	24685 9640
	Static Tipping Load - Articulated (Forks Level)	lbs	21246
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4820
	Raied Load (SAE J1197 - 50% F151L)	lbs	10623
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5784
	Trace Load (OLIV LIV II FOR LOAGII FOR LIVI GOVERNOLE)	lbs	12748
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7098 15643
	· · · · · · · · · · · · · · · · · · ·	lbs mm	9153
3	Maximum Overall Length	in	360.4
_	D 1 31 5 1 10 11 1	mm	1293
4	Reach with Forks at Ground Level	in	50.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-170
3	Ground to Bottom of Time at William Height and Pork Level	in	-6.7
6	Reach with Arms Horizontal and Forks Level	mm	1782
		in	70.2
7	Reach with Fork at Maximum Height	mm	860
		in mm	33.9 1740
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	68.5
_	0 11 7 77 111 1 1111 15 11 1	mm	3858
9	Ground to Top of Tine at Maximum Height and Fork Level	in	151.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4633
10	Overall freight of Fork at Full Lift (top of carriage to ground)	in	182.4
11	Clearance at Full Lift and Max Dump	mm	2466
	· · · · · · · · · · · · · · · · · · ·	in	97.1
12	Max Discharge Angle from Horizontal	deg	48
13	Overall Carriage Width	mm	2217
		in	87.3 840
14	Overall Carriage Height	mm in	33.1
	0 + : 1 T W : W / W	mm	2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
.0	Outside Title Width (mill Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	···- ···· (-···g·- ···-)	in	5.9
	Tine Thickness	mm	65.0 2.6
		in kg	6300
	Tine Capacity	lbs	13885
	On anating Marinta	kg	19385
	Operating Weight	lbs	42724



Hinge (B) Pin Height (mm)

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

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



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



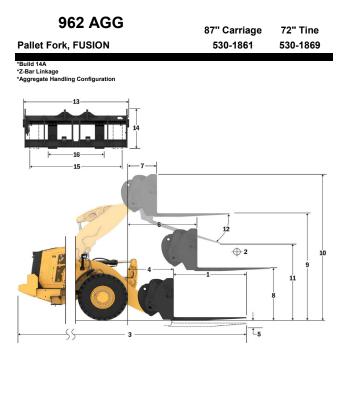
Lubricants, and Operator.

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

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

#### **Fork Specifications**

1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Load Ceriter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	10669 23515
	O. C. T	ka	9177
	Static Tipping Load - Articulated (Forks Level)	lbs	20225
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4588
	114104 2044 (6712 01107 00701 1012)	lbs	10113
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5506 12135
		ka	6240
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13752
3	Maximum Overall Length	mm	9459
	Waxiindiii Overali Lengui	in	372.4
4	Reach with Forks at Ground Level	mm	1293
	·	in	50.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-170 -6.7
_		mm	1782
6	Reach with Arms Horizontal and Forks Level	in	70.2
7	Reach with Fork at Maximum Height	mm	860
′	Reach with Fork at Maximum Height	in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1740
_		in	68.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3858 151.9
		mm	4633
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	182.4
11	Clearance at Full Lift and Max Dump	mm	2240
•••	Clearance at I dil Lint and Wax Dump	in	88.2
12	Max Discharge Angle from Horizontal	deg	48
13	Overall Carriage Width	mm	2217
	·	in mm	87.3 840
14	Overall Carriage Height	in	33.1
45	Outside Time Middle (many and all)	mm	2070
10	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	/	in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
		mm	65.0
	Tine Thickness	in	2.6
	Tine Conseils	kg	5246
	Tine Capacity	lbs	11562
	Operating Weight	kg	19432
	Operating Weight	lbs	42828

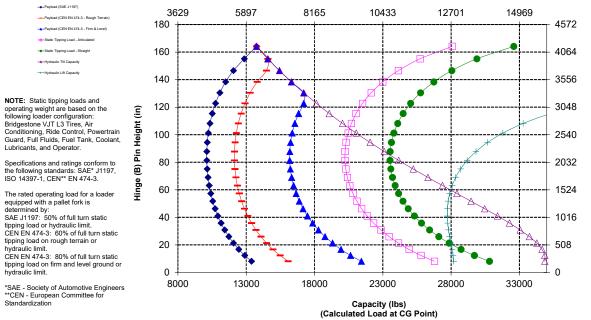


-Payload (CEN EN 474-3 - Firm & Level

Lubricants, and Operator.

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

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





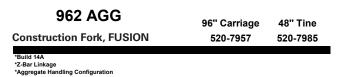
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

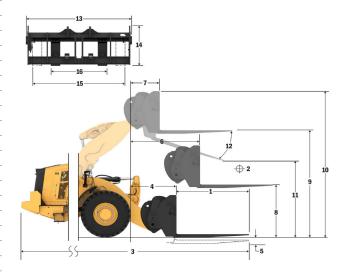
<sup>\*</sup>Negative values indicate below grade

## **Fork Specifications**

#### **Fork Specifications**

	ik Opecinications		
1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Load Certier	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	11515
	7, 0	lbs kg	25379 9877
	Static Tipping Load - Articulated (Forks Level)	lbs	21769
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4939
	Raied Load (SAE J1197 - 50% F151L)	lbs	10884
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5926
		lbs	13061
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	7902 17415
_		mm	8804
3	Maximum Overall Length	in	346.6
4	Reach with Forks at Ground Level	mm	1249
_	Trought Will 1 Office at Ground 20701	in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
_	<u> </u>	in mm	-3.6 1775
6	Reach with Arms Horizontal and Forks Level	in	69.9
7	Reach with Fork at Maximum Height	mm	853
	Reach with Fork at Maximum Height	in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
_		in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	3963 156.0
	0	mm	5003
	Overall Height of Fork at Full Lift (top of carriage to ground)		197.0
11	Clearance at Full Lift and Max Dump	mm	2662
	Clearance at 1 dil Elit and Max Bump	in	104.8
12	Max Discharge Angle from Horizontal	deg	54
42	Overall Carriage Width	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
40	O. 4-id- Ti \ \(\frac{1}{2}\) (i)	mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	(9)	in	7.1
	Tine Thickness	mm in	90.0 3.5
_	T 0 "	kg	22200
	Tine Capacity	lbs	48929
	Operating Weight	kq	19694
	Operating Weight	lbs	43406

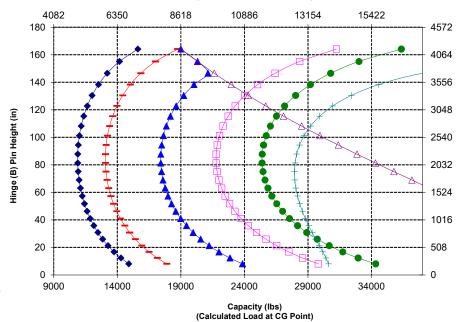




Hinge (B) Pin Height (mm)

Payload (CEN EN 474-3 - Firm & Level

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



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

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

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

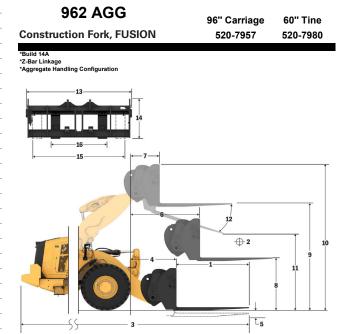
\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization



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

#### **Fork Specifications**

1 Tine Length         mm         1524 in         60.0 (a)         2 Load Center         mm         762 in         30.0 (a)         30.0 (b)         30.0 (b)         30.0 (b)         240900 (b)         30.0 (b)         240900 (b)         30.0 (c)         30.2 (c)		ik Opecinications		
2         Load Center         mm 762 in 30.0 static Tipping Load - Straight (Forks Level)         kg 10930 lbs 24090           Static Tipping Load - Articulated (Forks Level)         kg 4090 lbs 24090           Static Tipping Load - Articulated (Forks Level)         kg 9868 lbs 20642           Rated Load (SAE J1197 - 50% FTSTL)         kg 468 lbs 10321           Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)         kg 5619 lbs 10321           Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg 7441 lbs 16400           3         Maximum Overall Length         mm 9109 lm 910 lbs 16400           4         Reach with Forks at Ground Level         mm 1249 lin 499 l	1	Tine Length		
Static Tipping Load - Straight (Forks Level)		1		
Static Tipping Load - Straight (Forks Level)   Ibs   24090	2	Load Center		
Static Tipping Load - Articulated (Forks Level)   Rd 9366		Static Tipping Load - Straight (Forks Level)		
Static Tipping Load - Articulated (Forks Level)   Ibs   20642     Rated Load (SAE J1197 - 50% FTSTL)   Rq   5619     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rq   5619     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Ibs   16304   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   7441     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   745     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   745     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL   Rq   745     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL		Otatio Tipping Load - Ottaignt (1 onto Lovel)		
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   10321     Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   12385     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   12385     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16404     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16404     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16404     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Ibs   16284     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL     Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL     Rated Load (CEN EN 474-3 Firm and Level Grou		11.0		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Ibs   12385   Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Ibs   16400   Ibs   16400   Imm   9109   In   3958   39231   Ibs   16400   Imm   9109   In   3958   39231   Ibs   16400   Imm   9109   In   4998   39231   Ibs   39231   Ib				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
Bis   16400   3   Maximum Overall Length   In   358.6   mm   1249   mm   1910   mm   191		Detect   cod (OFN FN 474 0 First and Level County 2001 FTCT)		
A Reach with Forks at Ground Level		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% F151L)		16400
Reach with Forks at Ground Level   In   338.6   In   49.2     5 *Ground to Bottom of Tine at Minimum Height and Fork Level   In   49.2     6 Reach with Arms Horizontal and Forks Level   In   69.9     7 Reach with Fork at Maximum Height   In   69.9     8 Ground to Top of Tine with Arms Horizontal and Fork Level   Im   1844   In   72.6     9 Ground to Top of Tine at Maximum Height and Fork Level   Im   3963   In   33.6     10 Overall Height of Fork at Full Lift (top of carriage to ground)   In   197.0     11 Clearance at Full Lift and Max Dump   Im   2528   In   95.1     12 Max Discharge Angle from Horizontal   In   99.5     13 Overall Carriage Width   Im   2528   In   19.5     14 Overall Carriage Height   In   44.5   In   19.5     15 Outside Tine Width (max spread)   In   44.5   In   87.6   In   87.6     16 Outside Tine Width (min spread)   Im   180.0   In   3.5   In   18.5   In   19.5     Tine Width (single tine)   Im   180.0   In   3.5   In   18.5   In   18.5   In   19.5	3	Maximum Overall Length	mm	9109
4 Reach with Forks at Ground Level         in         49.2           5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm         -91           6 Reach with Arms Horizontal and Forks Level         mm         1775           7 Reach with Fork at Maximum Height         mm         853           8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm         1844           9 Ground to Top of Tine at Maximum Height and Fork Level         mm         3963           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm         5003           11 Clearance at Full Lift and Max Dump         mm         295.1           12 Max Discharge Angle from Horizontal         deg         54           13 Overall Carriage Width         in         99.5           14 Overall Carriage Height         mm         2528           15 Outside Tine Width (max spread)         mm         2178           16 Outside Tine Width (min spread)         mm         576           17 Tine Width (single tine)         mm         180.0           18 Operating Weight         mm         90.0           19 Operating Weight         kg         190.0		Waxiinum Overali Lengui	in	
1	4	Reach with Forks at Ground Level		
1		Trought Man Fortic at Cround 2016		
Reach with Arms Horizontal and Forks Level   In   -3.5   In   -3.5   In   6.9   9.9   In   6.9   9.9   9.0	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
6 Reach with Fork at Maximum Height         in 69.9           7 Reach with Fork at Maximum Height         mm 853           8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844           in 72.6         mm 3963           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003           11 Clearance at Full Lift and Max Dump         mm 2415           12 Max Discharge Angle from Horizontal         deg 54           13 Overall Carriage Width         mm 2528           14 Overall Carriage Height         in 99.5           15 Outside Tine Width (max spread)         mm 2178           16 Outside Tine Width (min spread)         mm 576           17 Tine Width (single tine)         mm 180.0           18 Tine Capacity         mm 90.0           19 Operating Weight         kg 1780           10 Operating Weight         kg 198231	_	<u> </u>		
7         Reach with Fork at Maximum Height         mm 853 in 33.6         8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 in 72.6         9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3983 in 156.0         10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 508.0         10         Top 50.0         mm 50.0         10         Max Discharge Argle In 197.0         mm 60.0         10         Max Discharge Angle from Horizontal         deg         54           12         Max Discharge Angle from Horizontal         deg         54         13         Overall Carriage Width         mm 2528 in 99.5         14         Overall Carriage Height         mm 1130 in 44.5         15         Outside Tine Width (max spread)         mm 2178 in 85.1         16         Outside Tine Width (min spread)         mm 576 in 7.1         71         Tine Width (single tine)         mm 180.0 in 7.1         71         71         71         Tine Capacity         8a 780.0         8a 780.0 <th>6</th> <td>Reach with Arms Horizontal and Forks Level</td> <td></td> <td></td>	6	Reach with Arms Horizontal and Forks Level		
React Will Folk at Maximum Height   in     33.6   mm   1844   in   72.6   mm   3963   in   1656.   10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   2003   in   1956.   11   12   12   12   13   14   15   15   15   16   16   16   16   16	_			
8 Ground to Top of Tine with Arms Horizontal and Fork Level         mm         1844           9 Ground to Top of Tine at Maximum Height and Fork Level         mm         3963           10 Overall Height of Fork at Full Lift (top of carriage to ground)         mm         500.0           11 Clearance at Full Lift and Max Dump         mm         197.0           12 Max Discharge Angle from Horizontal         deg         54           13 Overall Carriage Width         mm         2528           14 Overall Carriage Height         mm         1130           15 Outside Tine Width (max spread)         mm         2178           16 Outside Tine Width (min spread)         mm         576           16 Outside Tine Width (single tine)         mm         180.0           Tine Width (single tine)         mm         90.0           Tine Capacity         ka         1780           Operating Weight         ka         198.3           Operating Weight         ka         199.23	7	Reach with Fork at Maximum Height		
9         Ground to Top of Tine with Arms Horzontal and Fork Level         in 72.6           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3963 in 156.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003 in 197.0           11         Clearance at Full Lift and Max Dump         mm 2415 in 95.1           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 2528 in 99.5           14         Overall Carriage Height         mm 1130 in 44.5           15         Outside Tine Width (max spread)         mm 25.7           16         Outside Tine Width (min spread)         mm 22.7           Tine Width (single tine)         mm 180.0 in 7.1           Tine Thickness         mm 90.0 in 7.1           Tine Capacity         kg 17800 lbs 39231           Operating Weight         kg 17800 lbs 39231	_			
9         Ground to Top of Tine at Maximum Height and Fork Level         mm         3963 in 1560.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         5003 in 197.0           11         Clearance at Full Lift and Max Dump         mm 2415 in 95.1           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         in 99.5           14         Overall Carriage Height         mm 1130 in 44.5           15         Outside Tine Width (max spread)         mm 2178 in 85.7           16         Outside Tine Width (min spread)         mm 576 in 22.7           Tine Width (single tine)         mm 180.0 in 7.1           Tine Thickness         mm 90.0 in 3.5           Tine Capacity         ka 17800 is 39231           Operating Weight         ka 1980 in 8231	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   156.0 mm   150.0 mm   197.0 mm   197.0 mm   197.0 mm   2415 mm   197.0 mm   2415 mm   2528 mm   25	_	Oncomed to Ton of Time at Manifestory Hairba and Foods Lavel		
11   Clearance at Full Lift and Max Dump   mm   197.0   mm   2528   mm   2414   mm   2418   mm   241	9	Ground to Top of Tine at Maximum Height and Fork Level		
11         Clearance at Full Lift and Max Dump         In 197/0           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         in 99.5           14         Overall Carriage Height         mm 130           15         Outside Tine Width (max spread)         mm 2178           16         Outside Tine Width (min spread)         mm 576           16         outside Tine Width (single tine)         mm 180.0           Tine Width (single tine)         in 7.1           Tine Thickness         mm 90.0           Tine Capacity         ka 1780           Operating Weight         kg 19231           Operating Weight         kg 19231	10	Overall Height of Early at Full Lift (top of carriage to ground)	mm	5003
11 Clearance at Full Lift and Max Dump   in   95.1     12 Max Discharge Angle from Horizontal   deg   54     13 Overall Carriage Width   mm   2528     14 Overall Carriage Height   mm   1130     15 Outside Tine Width (max spread)   mm   2178     16 Outside Tine Width (min spread)   mm   576     16 Outside Tine Width (min spread)   mm   576     17 Ine Width (single tine)   mm   180.0     18 Tine Thickness   mm   90.0     19 Tine Capacity   ka   1358     18 Signature   18 Signature	10	Overall rieight of Fork at Full Lift (top of carriage to ground)	in	197.0
12 Max Discharge Angle from Horizontal         deg         54           13 Overall Carriage Width         mm         2528 in         99.5           14 Overall Carriage Height         mm         11 in         44.5           15 Outside Tine Width (max spread)         mm         2178 in         18.5           16 Outside Tine Width (min spread)         mm         576 in         22.7           Tine Width (single tine)         mm         180.0 in         7.1           Tine Thickness         mm         90.0 in         3.5           Tine Capacity         ka         1780 ibs         39231 ibs           Operating Weight         ka         1980 ibs         39231 ibs	11	Clearance at Full Lift and May Dump	mm	2415
13   Overall Carriage Width   mm   2528 in   99.5     14   Overall Carriage Height   mm   1130 in   44.5     15   Outside Tine Width (max spread)   mm   2178 in   85.7     16   Outside Tine Width (min spread)   mm   576 in   22.7     Tine Width (single tine)   mm   180.0 in   7.7     Tine Thickness   mm   90.0 in   3.5     Tine Capacity   ka   17800 in   82.31     Operating Weight   8   80.31     Operating Weight   8   80.3		Clearance at 1 dil Lilt and Wax Dump	in	95.1
13   Overall Carriage Width   mm   2528 in   99.5     14   Overall Carriage Height   mm   1130 in   44.5     15   Outside Tine Width (max spread)   mm   2178 in   85.7     16   Outside Tine Width (min spread)   mm   576 in   22.7     Tine Width (single tine)   mm   180.0 in   7.7     Tine Thickness   mm   90.0 in   3.5     Tine Capacity   ka   17800 in   82.31     Operating Weight   8   80.31     Operating Weight   8   80.3	12	Max Discharge Angle from Horizontal	dea	54
13 Overall Carriage Width   in   99.5     14 Overall Carriage Height   in   44.5     15 Outside Tine Width (max spread)   in   44.5     16 Outside Tine Width (min spread)   mm   576     16 Outside Tine Width (min spread)   mm   180.0     16   17   17   17   17   17   17				
14 Overall Carriage Height         mm 1130 in 44.5 mm 2178 in 85.7           15 Outside Tine Width (max spread)         mm 2178 in 85.7           16 Outside Tine Width (min spread)         mm 180.0 in 22.7 mm 180.0 in 7.1 mm 90.0 in 7.1 mm 90.0 in 7.1 mm 90.0 in 7.1 mm 90.0 in 7.3 mm 90.0 in 18.5 mm 90.0 in 18.	13	Overall Carriage Width		
14 Overall carnage relight   in   44.5				
15         Outside Tine Width (max spread)         mm ks 7         2178 in 85.7           16         Outside Tine Width (min spread)         mm 55.7         7           Tine Width (single tine)         mm 10.0         10.0         7.1           Tine Thickness         mm 90.0         10.0         10.0         10.0           Tine Capacity         kg 17800         10.0         10.0         10.0         10.0           Operating Weight         kg 17800         10.0 <td< th=""><th>14</th><th>Overall Carriage Height</th><th></th><th></th></td<>	14	Overall Carriage Height		
16 Outside Tine Width (min spread)   in 85.7   mm 576   in 22.7				
16 Outside Tine Width (min spread)         mm 576 in 22.7           Tine Width (single tine)         mm 180.0 in 7.1           Tine Thickness         mm 90.0 in 3.5           Tine Capacity         ka 1780 ibs 39231           Operating Weight         ka 180 kg 1973	15	Outside Tine Width (max spread)		
Tine Width (single tine)   In   22.7		0 + : 1 T W: W / :		
Tine Wildin (single tine)   in 7.1	16	Outside Tine Width (min spread)	in	22.7
Tine Thickness		Tipo Width (single tipe)	mm	180.0
Inc Trickness   in   3.5		Tille Widil (Silligle tille)	in	7.1
In 3.5		Tine Thickness	mm	
Ibs   39231		THE ITHORNESS		
Operating Weight kg 19760		Tine Capacity		
		inia ampany		
		Operating Weight		
			lbs	43551



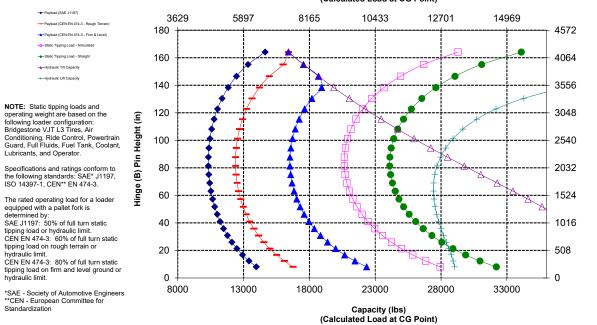
Payload (CEN EN 474-3 - Firm & Level

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

Lubricants, and Operator.

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







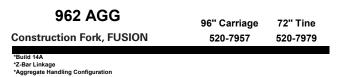
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

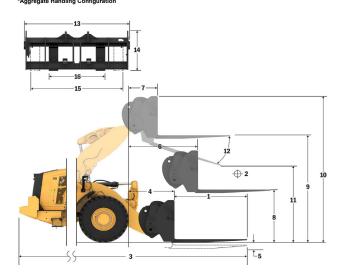
<sup>\*</sup>Negative values indicate below grade

## **Fork Specifications**

Fork Specifications	ork	Spec	ificat	ions
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In the Leright   In   72.0   mm   72.0		ороспочионо		
2   Load Center	1	Tine Length		1829
Static Tipping Load - Straight (Forks Level)   Ibs	_			
Static Tipping Load - Straight (Forks Level)   Ibs   2290	2	Load Center		
Static Tipping Load - Articulated (Forks Level)   Ibs   1960		Static Tipping Load - Straight (Forks Level)	kg	10394
Rated Load (SAE J1197 - 50% FTSTL)   Bis   9404		Otatic Tipping Load - Otraight (1 Orks Level)	lbs	22908
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		8897
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   bs   9804   kg   5303   bs   1766   kg   6521   kg   6521		otato ripping 2000 / titodiatou (r onto 2010)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)         kg bs 1786 lbs 11766           Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg 6521 lbs 14377           3 Maximum Overall Length         mm 941 lbs 14377           4 Reach with Forks at Ground Level         mm 942 lin 370.6           5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 1975 lin 93.6           6 Reach with Arms Horizontal and Forks Level         mm 8775 lin 93.3           7 Reach with Fork at Maximum Height         mm 833.6 lin 33.6 lin 35.6 lin 156.6 lin 197.0 lin 197		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Ibs   1176    Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Ibs   1437    Ibs				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   6521   lbs   1437;   lbs   1437		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		11765
3   Maximum Overall Length   mm   94147		D-t11 (OFN EN 474 0 First111 O1 000/ FTOTI )		6521
Reach with Forks at Ground Level   mm   1370.6   mm   149.2   mm   1275   mm		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% F151L)		14372
Reach with Forks at Ground Level   mm   17/06   in   49/2   5 *Ground to Bottom of Tine at Minimum Height and Fork Level   mm   49/2   in   49/2   6   Reach with Arms Horizontal and Forks Level   mm   69/9   7   Reach with Fork at Maximum Height   mm   853   in   833   in   333   in   335   in   356   in   565   in	3	Maximum Overall Length		9414
4   Reach With Forks at Ground Level   in   49.2   mm   91.5   Ground to Bottom of Tine at Minimum Height and Fork Level   mm   91.775   mm   1775   mm   1833   mm   1834   mm   1844   mm   1844   mm   1844   mm   1844   mm   1844   mm   1844   mm   1845   mm   1845   mm   1846		Muximum Overali Eongar		370.6
5 *Ground to Bottom of Tine at Minimum Height and Fork Level         mm 91 in -36	4	Reach with Forks at Ground Level		
Reach with Arms Horizontal and Forks Level		Trough Mari onto at Ground 2010		
Reach with Arms Horizontal and Forks Level   mm   17.3 to   mm   18.0 to   mm	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
Reach with Fork at Maximum Height   mm   813   mm   814   mm   816   mm   8				
7         Reach with Fork at Maximum Height         mm 353 in 358 in 36 i	6	Reach with Arms Horizontal and Forks Level		
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   1844   mn   1849				
8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1844 in 72.6           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 3963 in 155.0           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 505.0           11         Clearance at Full Lift and Max Dump         mm 21.6           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         in 99.5           14         Overall Carriage Height         mm 2578 in 99.5           15         Outside Tine Width (max spread)         mm 2178 in 876 in 876 in 976 in 727.           16         Outside Tine Width (min spread)         mm 576 in 72.7 in 80.0           1         Tine Width (single tine)         mm 80.0 in 72.6 in 72.7 in 73.5 in 73.	7	Reach with Fork at Maximum Height		
Ground to Top of Time with Affirs Holzothar and Fork Level   in   72.6   mm   3963   16.0   17.2   16.0   17.2   16.0   17.2	_			
9         Ground to Top of Tine at Maximum Height and Fork Level         mm         3983 in 1565.           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         5003 in 197.0           11         Clearance at Full Lift and Max Dump         mm         216 mm           12         Max Discharge Angle from Horizontal         deg         54           13         Overall Carriage Width         mm         257 mm           14         Overall Carriage Height         mm         2178 mm           15         Outside Tine Width (max spread)         mm         2178 mm           16         Outside Tine Width (min spread)         mm         576 mm           Tine Width (single tine)         mm         180.0 mm         180.0 mm           Tine Thickness         mm         90.0 mm         90.0 mm           Tine Capacity         kg         14800 mm         14800 mm           Operating Weight         kg         14800 mm         14800 mm	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
156.0   10   10   10   10   10   10   10	_	0 11 7 77 111 1 15 11 1		
10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5003 in 197.0 in 197.0 in 197.0         197.0 in 197.0 in 197.0 in 197.0 in 197.0 in 197.0 in 85.4           12         Max Discharge Angle from Horizontal         deg 54           13         Overall Carriage Width         mm 2528 in 99.5 in 99.5 in 44.5 in 44.5 in 44.5 in 44.5 in 85.7           15         Outside Tine Width (max spread)         mm 2178 in 85.7 in 85.7 in 85.7 in 87.7 in 197.0 in 7.7 in 7.7 in Width (single tine)         mm 180.0 in 90.0 in 90.0 in 90.0 in 90.0 in 90.0 in 3.5 in 90.0	9	Ground to Top of Tine at Maximum Height and Fork Level		
11   Clearance at Full Lift and Max Dump   mm   2198   mm   2188   mm   2198   mm   2198   mm   2198   mm   2198   mm   2528   mm   2528   mm   2528   mm   2528   mm   2528   mm   2528   mm   2178   mm   2578   mm   2178   mm   2178	10	Overall Height of Early at Full Lift (ten of corriage to ground)	mm	5003
12   Max Discharge Angle from Horizontal   deg   54     13   Overall Carriage Width   mm   2528     14   Overall Carriage Height   mm   1130     15   Outside Tine Width (max spread)   mm   2178     16   Outside Tine Width (min spread)   mm   2778     17   Tine Width (single tine)   mm   180.0     18   Tine Thickness   mm   90.0     19   Tine Capacity   Ma   Ma   Ma     19   Operating Weight   Ma   Ma   Ma     10   Operating Weight   Ma   Ma   Ma     10   Operating Weight   Ma   Ma   Ma     10   Operating Weight   Ma     10   Operating Weight   Ma     11   Operating Weight   Ma     12   Operating Weight   Ma     13   Operating Weight   Ma     14   Operating Weight   Ma     15   Operating Weight   Ma     16   Operating Weight   Ma     17   Operating Weight   Ma     18   Operating W		Overall Height of Fork at Full Lift (top of carriage to ground)		197.0
12 Max Discharge Angle from Horizontal   deg   54     13 Overall Carriage Width   mm   2528     14 Overall Carriage Height   mm   41.5     15 Outside Tine Width (max spread)   mm   2178     16 Outside Tine Width (min spread)   mm   576     17 Ine Width (single tine)   mm   180.0     18 Tine Thickness   mm   90.0     19 Tine Capacity   kg   4800     10 Operating Weight   kg   1895     11 Operating Weight   kg   1895     12 Operating Weight   kg   1895     13 Operating Weight   kg   1895     14 Operating Weight   kg   1895     15 Operating Weight   kg   1895     16 Operating Weight   kg   1895     17 Operating Weight   kg   1895     17 Operating Weight   kg   1895     18 Operating Weight   kg   1895     1	11	Clearance at Full Lift and May Dump	mm	2168
13   Overall Carriage Width   mm   2528   in   99.5     14   Overall Carriage Height   mm   141.5     15   Outside Tine Width (max spread)   mm   576   in   257.5     16   Outside Tine Width (min spread)   mm   576   in   277.5     Tine Width (single tine)   mm   180.0   in   7.5   in   7.5     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   kg   4800   lbs   32615     Operating Weight   kg   1980   kg   1981   19	• • •	Clearance at 1 dir Lint and Wax Dump	in	85.4
13   Overall Carriage Width   mm   2528   in   99.5     14   Overall Carriage Height   mm   141.5     15   Outside Tine Width (max spread)   mm   576   in   257.5     16   Outside Tine Width (min spread)   mm   576   in   277.5     Tine Width (single tine)   mm   180.0   in   7.5   in   7.5     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   kg   4800   lbs   32615     Operating Weight   kg   1980   kg   1981   19	12	Max Discharge Angle from Horizontal	dea	54
13 Overall Carriage Width   in   99.5   mm   1130   1150				
14         Overall Carriage Height         mm in 44.5 (as. 45.5)           15         Outside Tine Width (max spread)         mm 55.7 (as. 75.5)           16         Outside Tine Width (min spread)         mm 65.7 (as. 75.5)           Tine Width (single tine)         mm 80.0 (as. 75.5)         mm 90.0 (as. 75.5)           Tine Thickness         mm 90.0 (as. 75.5)         mm 90.0 (as. 75.5)           Tine Capacity         kg 1480 (as. 75.5)           Operating Weight         kg 1982	13	Overall Carriage Width		
14   Overall carriage Fietgrit   in   44,5     15   Outside Tine Width (max spread)   in   21,78     16   Outside Tine Width (min spread)   mm   576   in   27,71     Tine Width (single tine)   mm   180.0   in   7,1     Tine Thickness   mm   90.0   in   3,5		<u>*</u>		
15         Outside Tine Width (max spread)         mm (85.7) (in 85.7)           16         Outside Tine Width (min spread)         mm 576 (in 22.7) (in 22.7)           Tine Width (single tine)         mm 90.0 (in 7.1) (in 7.1)           Tine Thickness         mm 90.0 (in 3.5) (i	14	Overall Carriage Height		
16 Outside Tine Width (min spread)   in   85.7				
16 Outside Tine Width (min spread)         mm 2.76 in 22.7 mg.         576 in 22.7 mg.           Tine Width (single tine)         mm 18.0 cm 18.0 cm 7.1 mg.         in 7.1 mg.           Tine Thickness         mm 90.0 in 3.5 mg.         mm 90.0 mg.           Tine Capacity         kg 18.2 mg.           Operating Weight         kg 1982	15	Outside Tine Width (max spread)		
1	40	O. 4-14- Ti \ \( \frac{1}{2} \)		
Tine Width (single line)   in   7.1     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   kg   1480(   185   3261)	16	Outside Tine Width (min spread)	in	22.7
1		Tine (Midth (single tine)	mm	180.0
Tine Capacity         in sign and		Title Width (Single title)	in	7.1
In   3.5   Tine Capacity   kg   1480(  148		Tine Thickness	mm	90.0
Operating Weight Ibs 32619  Operating Weight kg 1982		THE ITHORNESS	in	
Operating Weight kg 1982		Tine Capacity		14800
		···· ==p==v		32619
lbs 4368		Operating Weight		19821
		-1 0 0 "	lbs	43685





Hinge (B) Pin Height (mm)

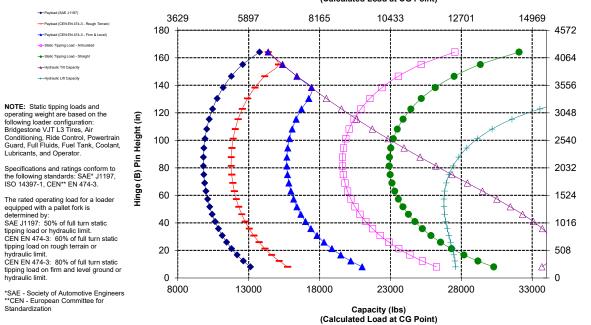
-Payload (CEN EN 474-3 - Firm & Level

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

Lubricants, and Operator.

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



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



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

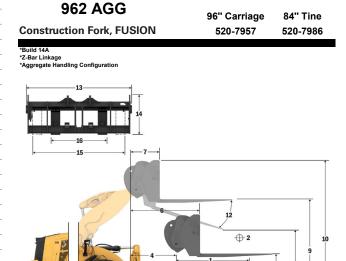
Ĺ<sub>5</sub>

Hinge (B) Pin Height (mm)

### **Fork Specifications**

#### **Fork Specifications**

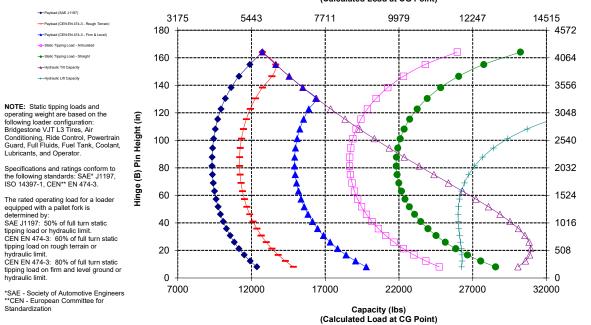
. •	opeomeane		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Luau Genter	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9895
	11 0 0 1 7	lbs kg	21809 8460
	Static Tipping Load - Articulated (Forks Level)	lbs	18646
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4230
	naleu Luau (GAE 31197 - 30 /0 F131L)	lbs	9323
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5076
	<u> </u>	lbs	11188 5777
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	12732
3	Maximum Ovarall Langth	mm	9719
3	Maximum Overall Length	in	382.6
4	Reach with Forks at Ground Level	mm	1249
		in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-91 -3.6
_	D 1 31 A 11 : 41 15 : 4 :	mm	1775
6	Reach with Arms Horizontal and Forks Level	in	69.9
7	Reach with Fork at Maximum Height	mm	853
	1.000.1 Mar I Olk at Maximum Holgit	in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
	·	in mm	72.6 3963
9	Ground to Top of Tine at Maximum Height and Fork Level	in	156.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5003
	Overall morgin of Fork at Full Lift (top of carriage to ground)	in	197.0
11	Clearance at Full Lift and Max Dump	mm	1921
	<u> </u>	in	75.6
12	Max Discharge Angle from Horizontal	deg	54
13	Overall Carriage Width	mm in	2528 99.5
	O	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	Catalas IIIIo Wildir (Illux oprodu)	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	90.0
	T 0 3	in ka	3.5 12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	19884
	Operating Weight	lbs	43824



\*Negative values indicate below grade

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

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





Lubricants, and Operator.

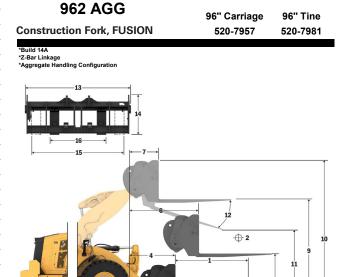
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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

## **Fork Specifications**

#### **Fork Specifications**

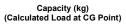
2	438 6.0 219 8.0 434 0792 056 7755 028 877 833 0653 165 1383 94.6 249
2         Load Center         mm         12           Static Tipping Load - Straight (Forks Level)         kg         94           Static Tipping Load - Articulated (Forks Level)         kg         86           Static Tipping Load - Articulated (Forks Level)         lbs         17           Rated Load (SAE J1197 - 50% FTSTL)         kg         46           Bated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)         kg         46           Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)         kg         51           3         Maximum Overall Length         mm         10           4         Reach with Forks at Ground Level         mm         12           5         *Ground to Bottom of Tine at Minimum Height and Fork Level         in         -2           6         Reach with Arms Horizontal and Forks Level         in         6	219 8.0 434 0792 056 028 877 833 0653 165 1383 0023 94.6 249
Static Tipping Load - Straight (Forks Level)   Static Tipping Load - Articulated (Static Tipping Load - Articulated (Forks Load - Articulated (Static Tipping Load - Articulated (Static Tipping Load - Articulated (Forks Load - Articulated (Static Tipping Load - Articulated (Forks Load - Ar	8.0 434 0792 056 7755 028 877 833 0653 165 1383 0023 94.6 249
Static Tipping Load - Straight (Forks Level)   Ibs   20	0792 056 7755 028 877 833 0653 165 1383 0023 94.6 249
Static Tipping Load - Articulated (Forks Level)   Static Tipping Load (SAE J1197 - 50% FTSTL)   Static Tipping Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Static Tipping Load (CEN EN 474	056 7755 028 877 833 0653 165 1383 0023 94.6 249
Rated Load (SAE J1197 - 50% FTSTL)   Rated Load (SAE J1197 - 50% FTSTL)   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTS	7755 028 877 833 0653 165 1383 0023 94.6 249
Rated Load (SAE J1197 - 50% FTSTL)   Ibs   88   88   88   88   88   88   88	028 877 833 0653 165 1383 0023 94.6 249
Rated Load (SAE J1197 - 50% F1S1L)   Ibis   88   48   48   48   50   50   50   50   50   50   50   5	877 833 0653 165 1383 0023 94.6 249
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	833 0653 165 1383 0023 94.6 249
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL)   Ibs   10	0653 165 1383 0023 94.6 249
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	165 1383 1023 194.6 249
1   1   1   1   1   1   1   1   1   1	0023 04.6 249
3         Maximum Overall Length         in         39           4         Reach with Forks at Ground Level         mm         12           5         *Ground to Bottom of Tine at Minimum Height and Fork Level         mm         -5           6         Reach with Arms Horizontal and Forks Level         in         -6	94.6 249
4   Reach with Forks at Ground Level	249
4 Reach with Forks at Ground Level in 48 5 *Ground to Bottom of Tine at Minimum Height and Fork Level in 7 6 Reach with Arms Horizontal and Forks Level in 8 6 Reach with Arms Horizontal and Forks Level in 8	
5         *Ground to Bottom of Tine at Minimum Height and Fork Level         in         4s           6         Reach with Arms Horizontal and Forks Level         mm         1s           6         Reach with Arms Horizontal and Forks Level         in         6s	
6 Reach with Arms Horizontal and Forks Level in 5 mm 11 mm 11 mm 12 mm 12 mm 15 mm 16 mm 16 mm 16 mm 17 mm 18 mm 1	
6 Reach with Arms Horizontal and Forks Level in 6	91
in 69	3.6
	775
	9.9 353
	3.6
40	844
	2.6
9 Ground to Top of Tine at Maximum Height and Fork Level mm 39	963
	56.0
	003
in 19	97.0
	675
	5.9
12 Max Discharge Angle from Horizontal deg 5	54
	528
	9.5
	130
IN 42	4.5
	178
mm 5	5.7 76
	2.7
mm 10	30.0
	7.1
	0.0
	3.5
	300
IDS 24	1905
lbs 43	9946

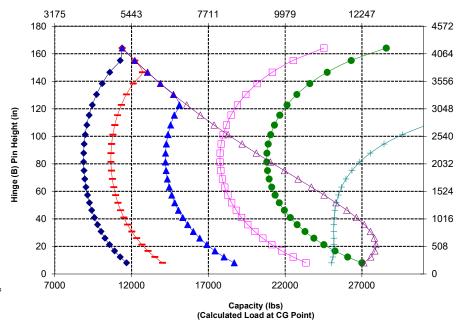


Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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





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

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

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

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

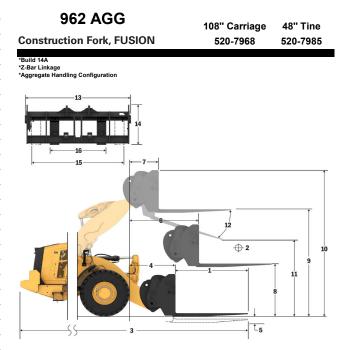


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

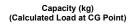
### **Fork Specifications**

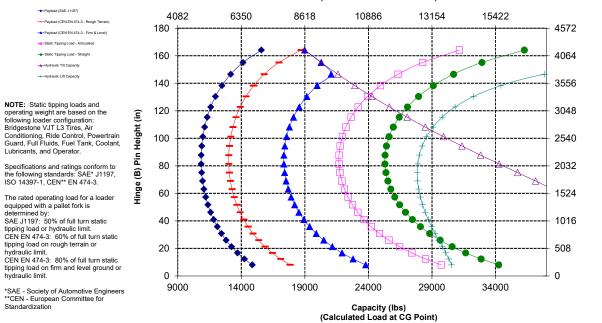
#### **Fork Specifications**

	•		
1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Load Certier	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	11474
		lbs	25289 9836
	Static Tipping Load - Articulated (Forks Level)	kg lbs	21679
_	D + 11	ka	4918
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10840
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5902
	Traited Estate (SELT ELT TO TOTAIN TOTAIN SOUTH TOTE)	lbs	13008
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7869 17344
_	· · · · · · · · · · · · · · · · · · ·	lbs mm	8804
3	Maximum Overall Length	in	346.6
4	Reach with Forks at Ground Level	mm	1249
4	Reach with Forks at Ground Level	in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
_	Ordana to Bottom of Timo at Immuniant Holgin and Fore 2010.	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1775
_		in mm	69.9 853
7	Reach with Fork at Maximum Height	in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1844
•	Ground to Top of Tine with Arms Honzontal and Pork Level	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3963
	· · · · · · · · · · · · · · · · · · ·	in	156.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5003 197.0
		mm	2662
11	Clearance at Full Lift and Max Dump	in	104.8
12	Max Discharge Angle from Horizontal	deg	54
-12	Max Discharge Angle Irom Honzontal	ueg	-
13	Overall Carriage Width	mm	2833
		in mm	111.5 1130
14	Overall Carriage Height	in	44.5
	O L T. MORE / N	mm	2493
15	Outside Tine Width (max spread)	in	98.1
16	Outside Tine Width (min spread)	mm	590
	Outside Title Width (mint Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	,	in mm	7.1 90.0
	Tine Thickness	in	3.5
	Tine Conseity	ka	22200
	Tine Capacity	lbs	48929
	Operating Weight	kg	19747
	operating resigns	lbs	43522



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







Lubricants, and Operator.

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

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

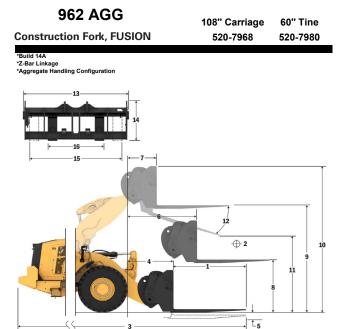
Hinge (B) Pin Height (mm)

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

## **Fork Specifications**

#### **Fork Specifications**

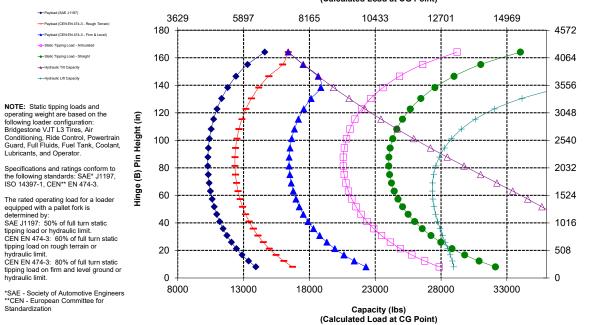
1 Tine Length 2 Load Center Static Tipping Load - Straight (Forks Level)	mm in mm in kg lbs	1524 60.0 762 30.0 10895
	mm in kg lbs	762 30.0 10895
	kg lbs kg	10895
Static Tipping Load - Straight (Forks Level)	lbs kg	
	kg	
		24013 9331
Static Tipping Load - Articulated (Forks Level)	lbs	20565
D-1-111/04F 14407 F09/ FT0TL)	kg	4665
Rated Load (SAE J1197 - 50% FTSTL)	lbs	10282
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5598
rated Edda (GEN EN 474 O Rough Tondin - 60 % T TOTE)	lbs	12339
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7433
,	lbs mm	16382 9109
3 Maximum Overall Length	in	358.6
	mm	1249
4 Reach with Forks at Ground Level	in	49.2
5 *Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
3 Croding to Bottom of Time at William Unit Fleight and Fork Level	in	-3.6
6 Reach with Arms Horizontal and Forks Level	mm	1775
	in	69.9
7 Reach with Fork at Maximum Height	mm	853 33.6
	in mm	1844
8 Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
9 Ground to Top of Tine at Maximum Height and Fork Level	mm	3963
Ground to Top of Tine at Maximum Height and Fork Level	in	156.0
10 Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5003
10 Overdail Fleight of Fork at Fall Ent (top of damage to ground)	in	197.0
11 Clearance at Full Lift and Max Dump	mm	2415
· !	in	95.1
12 Max Discharge Angle from Horizontal	deg	54
13 Overall Carriage Width	mm	2833
	in mm	111.5 1130
14 Overall Carriage Height	in	44.5
45 Outside Time (Midtle (common of))	mm	2483
15 Outside Tine Width (max spread)	in	97.8
16 Outside Tine Width (min spread)	mm	590
10 Outside Tille Width (Illin Spread)	in	23.2
Tine Width (single tine)	mm	180.0
	in	7.1
Tine Thickness	mm	90.0
	in ka	3.5 17800
Tine Capacity	lbs	39231
Operating Weight	ka	19809
Operating Weight	lbs	43659



Hinge (B) Pin Height (mm)

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

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



Lubricants, and Operator.

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

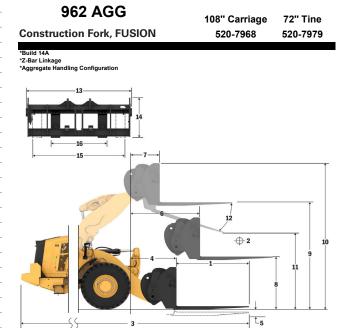
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

### **Fork Specifications**

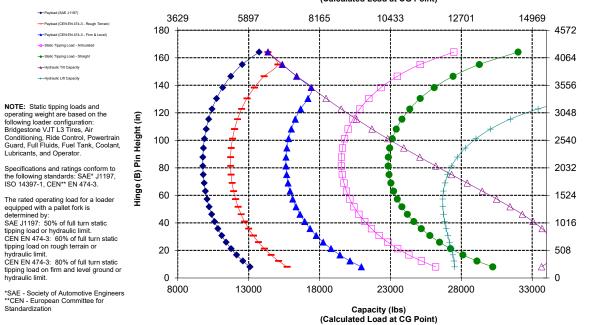
#### **Fork Specifications**

10	ik opecifications		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
	Load Genter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10359
		lbs	22831
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8862 19532
		kg	4431
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9766
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5317
	Traced Load (CEN EN 474-5 rough Terrain - 00 % 1 101E)	lbs	11719
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6512
	,	lbs mm	14353 9414
3	Maximum Overall Length	in	370.6
	Decelorate Federat Occurred Level	mm	1249
4	Reach with Forks at Ground Level	in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
	Ground to Bottom of Time at Minimum Fleight and Fork Eever	in	-3.6
6	Reach with Arms Horizontal and Forks Level	ḿш	1775
_		in	69.9 853
7	Reach with Fork at Maximum Height	mm in	33.6
_	One and the Total of Title with Asset Heritage to Level	mm	1844
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3963
	Ordana to rep or this at maximum risignt and risin zoro.	in	156.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5003
		mm	197.0 2168
11	Clearance at Full Lift and Max Dump	in	85.4
42	Max Discharge Angle from Horizontal		54
12	Max Discharge Angle Irom Horizontal	deg	
13	Overall Carriage Width	mm	2833
	g	in	111.5 1130
14	Overall Carriage Height	mm in	44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	Outside Title Width (Illin spread)	in	23.2
	Tine Width (single tine)	ḿш	180.0
	, ,	in	7.1
	Tine Thickness	mm in	90.0 3.5
		ka	14800
	Tine Capacity	lbs	32619
	Operating Weight	kg	19871
	Operating **eignt	lbs	43796



Payload (CEN EN 474-3 - Firm & Level

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





Lubricants, and Operator.

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

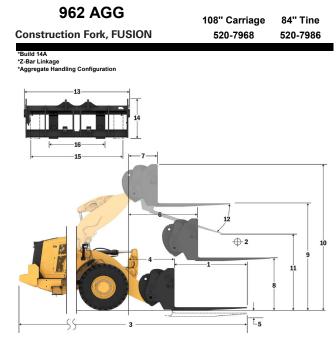
Hinge (B) Pin Height (mm)

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

## **Fork Specifications**

#### **Fork Specifications**

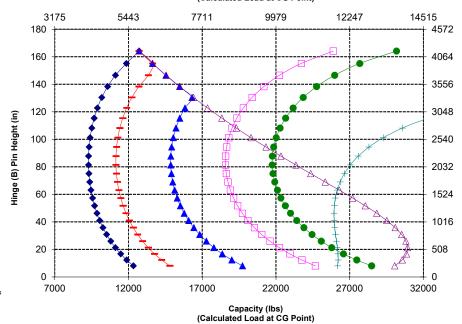
	•		
1	Tine Length	mm	2134
		in mm	84.0 1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9863
	Otatic Tipping Load - Ottaignt (Forks Level)	lbs	21738
	Static Tipping Load - Articulated (Forks Level)	kg	8428
	11 5 ,	lbs	18575
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4214 9288
		ka	5057
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11145
	Detect   cod (OEN EN 474 O Firm and Lovel Occurs)   000/ FTOTI )	kg	5770
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	12718
3	Maximum Overall Length	mm	9719
٠	Waxiindiii Overali Lengui	in	382.6
4	Reach with Forks at Ground Level	mm	1249
		in	49.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
		in	-3.6 1775
6	Reach with Arms Horizontal and Forks Level	mm in	69.9
_		mm	853
7	Reach with Fork at Maximum Height	in	33.6
_	Oncome distance of Time with Amore Herimanstell and Foods Level	mm	1844
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3963
	Ground to Top of Time at Maximum Fleight and Fork Level	in	156.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5003
		in	197.0
11	Clearance at Full Lift and Max Dump	mm	1921
	<u>'</u>	in	75.6
12	Max Discharge Angle from Horizontal	deg	54
42	Overall Carriage Width	mm	2833
13	Overali Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	· ( i /	in	97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	T 140 H ( : 1 0 )	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	12700
	- Into Capacity	lbs	27991
	Operating Weight	ka	19933
		lbs	43932



Hinge (B) Pin Height (mm)

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

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



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

tipping load on firm and level ground or hydraulic limit.

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



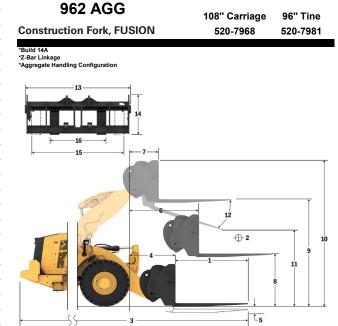
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

### **Fork Specifications**

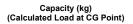
#### **Fork Specifications**

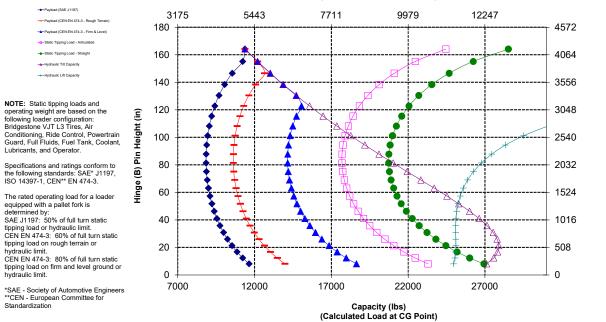
	opeomoune		
1	Tine Length	mm in	2438 96.0
_	Land Carter	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9402
	State ripping 2000 Statight (1 Sine 2010)	lbs	20721
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8024 17684
		kg	4012
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8842
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4814
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	10611
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5158
		lbs	11368
3	Maximum Overall Length	mm in	10023
	<u> </u>	mm	394.6 1249
4	Reach with Forks at Ground Level	in	49.2
_	to	mm	-91
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1775
	Trought Will 7 time Florizontal and Forte Ecver	in	69.9
7	Reach with Fork at Maximum Height	mm	853
		in	33.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1844 72.6
_	0 11 7 77 111 1 1111 15 11 1	mm	3963
9	Ground to Top of Tine at Maximum Height and Fork Level	in	156.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5003
	Overall Freight of Fork at Full Lift (top of carriage to ground)	in	197.0
11	Clearance at Full Lift and Max Dump	mm	1675
		in	65.9
12	Max Discharge Angle from Horizontal	deg	54
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
10	Outside Title Width (Illin Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 11300
	Tine Capacity	lbs	24905
	Operating Weight	ka	19996
	Operating Weight	lbs	44071



\*Negative values indicate below grade

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







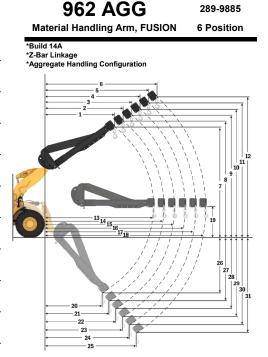
Lubricants, and Operator.

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

Hinge (B) Pin Height (mm)

## **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
	mm	2,058	2,189	2,320	2,451	2,582	2,713
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	6' 9"	7' 2"	7' 7"	8' 0"	8' 5"	8' 10'
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	7,039	7,314	7,589	7,864	8,139	8,414
Max Litt - Hook Eyelet Height (7, 6, 9, 10, 11, 12)	ft, in	23' 1"	23' 11"	24' 10"	25' 9"	26' 8"	27' 7"
Lavel Harly Firelat Barack (42, 44, 45, 40, 47, 40)	mm	4,640	4,945	5,250	5,554	5,859	6,164
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	ft, in	15' 2"	16' 2"	17' 2"	18' 2"	19' 2"	20' 2"
Level Healt Finder Heinht (40)	mm	1,810	1,810	1,810	1,810	1,810	1,810
Level - Hook Eyelet Height (19)	ft, in	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2"	5' 11.2'
AF 1.77 11 1.5 1.1 B 1.1 CO 04 00 00 04 05	mm	1,484	1,579	1,674	1,770	1,865	1,960
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	4' 10"	5' 2"	5' 5"	5' 9"	6' 1"	6' 5'
Mis-1:f4   Hardy Free Lat Hallands (OC 07 00 00 00 04)	mm	(2,998)	(3,288)	(3,577)	(3,867)	(4,156)	(4,446
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 1"	-10' 2"	-11' 3"	-12' 3"	-13' 4"	-14' 4"
Chaffe Timeiran Land Charlesh	kg	6,972	6,596	6,258	5,952	5,674	5,419
Static Tipping Load, Straight	lb	15,366	14,538	13,793	13,118	12,504	11,944
Chatter Timeiran I and Additional	kg	6,014	5,689	5,396	5,131	4,890	4,670
Static Tipping Load, Articulated	lb	13,254	12,538	11,893	11,309	10,779	10,294
O	kg	19,143	19,143	19,143	19,143	19,143	19,143
Operating Weight	lb	42,191	42,191	42,191	42,191	42,191	42,191



289-9885



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

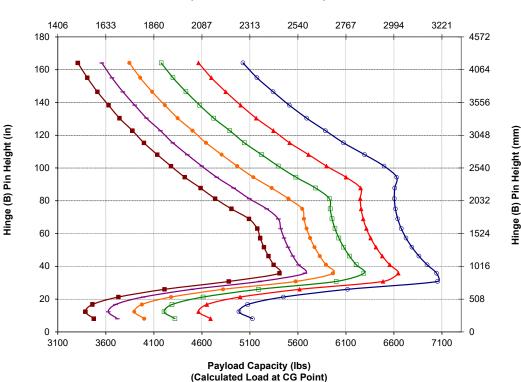
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

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

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

\*SAE - Society of Automotive Engineers

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



## **Standard and Optional Equipment**

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

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

	Standard	Optional
OPERATOR ENVIRONMENT		
Cab, pressurized, sound suppression	✓	
Door, remote opening system**		✓
EH implement controls, parking brake	✓	
HMU steering wheel	✓	
Steering, joystick		✓
Entertainment radio		✓
CB radio ready		✓
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		✓
Touchscreen display	✓	
Visibility: mirrors, rearview camera	✓	
Multiview (360°) vision system		✓
Cat Detect rear radar system		✓
Dedicated rearview screen		✓
Mirrors, heated		✓
Air conditioner, heater, defroster (auto temp, fan)	✓	
Sun visor, front, retractable	✓	
Sun visor, rear, retractable		✓
Window cleaning platform, front**		✓
Windows, front, laminated		✓
Windows, front, heavy duty		✓
Full cab window guard		✓

(continued on next page)

## Standard and Optional Equipment (continued)

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

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

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

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



# 962 Waste & Scrap Handler

The Cat 962 Wheel Loader Waste and Scrap Handler package features guarding and reinforcement necessary for work in transfer stations, recycling depots, scrap yards, and demolition sites.

#### **Proven Reliability**

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

#### **Durability**

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

#### **Achieve Greater Fuel Efficiency and Productivity**

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

#### **Safety Features**

- Rear-vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and inclined steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear-vision camera provide industry leading all-around visibility.
- Monitored seat belt is standard and can be enhanced with an optional exterior indicator.

- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

#### **Reduced Maintenance Time and Costs**

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

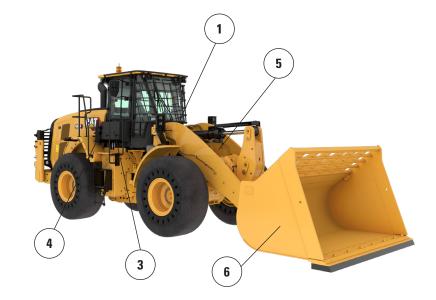
#### Work in Comfort in the All New Cab

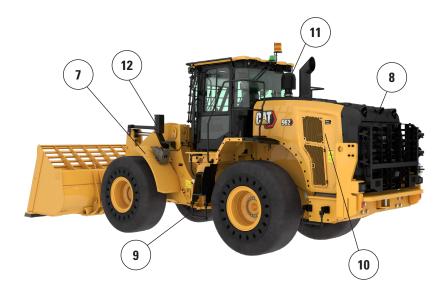
- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab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

<sup>\*</sup>Parts and fluids only.

#### 962 Waste and Scrap Handler Features

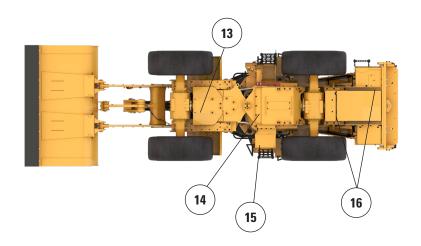
- 1. Optional window guarding to provide impact resistance to the glass
- 2. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
- 3. Carbon cab air filter removes harsh odors
- Optional powered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





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

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



## **Tire Options**

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

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

## **Operating Specifications – Buckets**

Linkage					Sta	ndard Link	age			
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	$m^3$	2.70	2.70	2.50	3.10	3.10	2.90	3.30	3.30	3.10
	yd³	3.50	3.50	3.25	4.00	4.00	3.75	4.25	4.25	4.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.00	3.00	2.80	3.40	3.40	3.20	3.60	3.60	3.40
	$yd^3$	4.00	4.00	3.75	4.50	4.50	4.25	4.75	4.75	4.50
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
<b>16</b> † Dump Clearance at Maximum Lift	mm	3179	3064	3064	3099	2981	2981	3060	2942	2942
and 45° Discharge	ft/in	10'5"	10'0"	10'0"	10'2"	9'9"	9'9"	10'0"	9'7"	9'7"
17† Reach at Maximum Lift and	mm	1204	1318	1318	1260	1371	1371	1290	1400	1400
45° Discharge	ft/in	3'11"	4'3"	4'3"	4'1"	4'6"	4'6"	4'2"	4'7"	4'7"
Reach at Level Lift Arm and	mm	2618	2779	2779	2718	2879	2879	2768	2929	2929
Bucket Level	ft/in	8'7"	9'1"	9'1"	8'11"	9'5"	9'5"	9'0"	9'7"	9'7"
A† Digging Depth	mm	37	37	7	37	37	7	37	37	7
	in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
12† Overall Length	mm	8256	8430	8430	8356	8530	8530	8406	8580	8580
	ft/in	27'2"	27'8"	27'8"	27'5"	28'0"	28'0"	27'7"	28'2"	28'2"
<b>B</b> † Overall Height with Bucket at	mm	5606	5606	5606	5568	5568	5568	5743	5743	5743
Maximum Lift	ft/in	18'5"	18'5"	18'5"	18'4"	18'4"	18'4"	18'11"	18'11"	18'11"
Loader Clearance Circle Radius	mm	6709	6792	6792	6738	6822	6822	6752	6837	6837
with Bucket at Carry Position	ft/in	22'1"	22'4"	22'4"	22'2"	22'5"	22'5"	22'2"	22'6"	22'6"
Static Tipping Load, Straight	kg	16 377	16 239	16 539	16 184	16 044	16 340	16 082	15 941	16 230
(No tire deflection)	1b	36,106	35,801	36,463	35,681	35,372	36,023	35,455	35,145	35,781
Static Tipping Load, Articulated	kg	14 309	14 171	14 451	14 128	13 988	14 262	14 032	13 891	14 159
(No tire deflection)	lb	31,547	31,242	31,859	31,147	30,839	31,444	30,936	30,626	31,217
Breakout Force(§)	kN	192	191	210	176	175	192	169	168	183
	1bf	43,287	43,044	47,408	39,701	39,459	43,178	38,103	37,861	41,313
Operating Weight*	kg	22 156	22 264	22 107	22 245	22 353	22 196	22 290	22 398	22 241
	lb	48,844	49,082	48,736	49,040	49,278	48,932	49,139	49,378	49,031

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

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

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

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

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

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

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

Linkage		Standard Linkage					
Bucket Type				General Pur	pose – Pin-On		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m <sup>3</sup>	3.40	3.40	3.20	3.60	3.60	3.40
	yd³	4.50	4.50	4.25	4.75	4.75	4.50
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	3.50	4.00	4.00	3.70
	$yd^3$	4.75	4.75	4.50	5.25	5.25	4.75
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3034	2915	2915	2988	2869	2869
and 45° Discharge	ft/in	9'11"	9'6"	9'6"	9'9"	9'4"	9'4"
17† Reach at Maximum Lift and	mm	1312	1422	1422	1348	1458	1458
45° Discharge	ft/in	4'3"	4'8"	4'8"	4'5"	4'9"	4'9"
Reach at Level Lift Arm and	mm	2803	2964	2964	2863	3024	3024
Bucket Level	ft/in	9'2"	9'8"	9'8"	9'4"	9'11"	9'11"
A† Digging Depth	mm	37	37	7	37	37	7
	in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
12† Overall Length	mm	8441	8615	8615	8501	8675	8675
	ft/in	27'9"	28'4"	28'4"	27'11"	28'6"	28'6"
<b>B</b> † Overall Height with Bucket at	mm	5772	5772	5772	5830	5830	5830
Maximum Lift	ft/in	19'0"	19'0"	19'0"	19'2"	19'2"	19'2"
Loader Clearance Circle Radius	mm	6762	6847	6847	6780	6865	6865
with Bucket at Carry Position	ft/in	22'3"	22'6"	22'6"	22'3"	22'7"	22'7"
Static Tipping Load, Straight	kg	16 017	15 876	16 155	15 893	15 751	16 030
(No tire deflection)	1b	35,312	35,001	35,617	35,039	34,726	35,340
Static Tipping Load, Articulated	kg	13 971	13 830	14 090	13 855	13 712	13 971
(No tire deflection)	lb	30,801	30,490	31,063	30,545	30,231	30,802
Breakout Force(§)	kN	164	163	178	157	156	169
	lbf	37,053	36,811	40,093	35,362	35,120	38,142
Operating Weight*	kg	22 320	22 428	22 271	22 378	22 486	22 329
	lb	49,206	49,444	49,098	49,333	49,572	49,225

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

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

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

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

<sup>(</sup>With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

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

Linkage		Standard Linkage						
Bucket Type		General Purpose – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	m <sup>3</sup>	3.40	3.40	3.20				
	$yd^3$	4.50	4.50	4.25				
Capacity – Rated at 110% Fill Factor	$m^3$	3.70	3.70	3.50				
	$yd^3$	4.75	4.75	4.50				
Width	mm	2927	2994	2994				
	ft/in	9'7"	9'9"	9'9"				
6† Dump Clearance at Maximum Lift	mm	2992	2873	2873				
and 45° Discharge	ft/in	9'9"	9'5"	9'5"				
7† Reach at Maximum Lift and	mm	1348	1458	1458				
45° Discharge	ft/in	4'5"	4'9"	4'9"				
Reach at Level Lift Arm and	mm	2858	3019	3019				
Bucket Level	ft/in	9'4"	9'10"	9'10"				
A† Digging Depth	mm	45	45	15				
	in	1.7"	1.7"	0.5"				
2† Overall Length	mm	8502	8676	8676				
	ft/in	27'11"	28'6"	28'6"				
<b>B</b> † Overall Height with Bucket at	mm	5791	5791	5791				
Maximum Lift	ft/in	19'0"	19'0"	19'0"				
Loader Clearance Circle Radius	mm	6779	6865	6865				
with Bucket at Carry Position	ft/in	22'3"	22'7"	22'7"				
Static Tipping Load, Straight	kg	15 361	15 221	15 568				
(No tire deflection)	1b	33,866	33,556	34,323				
Static Tipping Load, Articulated	kg	13 345	13 205	13 534				
(No tire deflection)	1b	29,422	29,112	29,838				
Breakout Force(§)	kN	157	156	170				
	lbf	35,455	35,211	38,249				
Operating Weight*	kg	22 799	22 907	22 750				
	1b	50,262	50,500	50,154				

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

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

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

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

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

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

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

Linkage		Standard Linkage							
Bucket Type		Waste, Load, and Carry – Hook-On – Fusion							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips					
Capacity – Rated	m <sup>3</sup>	5.20	5.20	5.00					
	$yd^3$	6.75	6.75	6.50					
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.70	5.70	5.50					
	$yd^3$	7.50	7.50	7.25					
Width	mm	3059	3138	3138					
	ft/in	10'0"	10'3"	10'3"					
16† Dump Clearance at Maximum Lift	mm	2959	2798	2798					
and 45° Discharge	ft/in	9'8"	9'2"	9'2"					
17† Reach at Maximum Lift and	mm	1230	1353	1353					
45° Discharge	ft/in	4'0"	4'5"	4'5"					
Reach at Level Lift Arm and	mm	2815	3016	3016					
Bucket Level	ft/in	9'2"	9'10"	9'10"					
A† Digging Depth	mm	50	50	15					
	in	1.9"	1.9"	0.5"					
12† Overall Length	mm	8463	8685	8685					
	ft/in	27'10"	28'6"	28'6"					
<b>B</b> † Overall Height with Bucket at	mm	6328	6328	6328					
Maximum Lift	ft/in	20'10"	20'10"	20'10"					
Loader Clearance Circle Radius	mm	6827	6934	6934					
with Bucket at Carry Position	ft/in	22'5"	22'9"	22'9"					
Static Tipping Load, Straight	kg	16 471	16 243	16 598					
(No tire deflection)	1b	36,312	35,810	36,593					
Static Tipping Load, Articulated	kg	14 269	14 042	14 378					
(No tire deflection)	1b	31,459	30,958	31,698					
Breakout Force(§)	kN	160	158	170					
	1bf	36,046	35,667	38,251					
Operating Weight*	kg	23 207	23 365	23 215					
	lb	51,161	51,511	51,179					
		,	,						

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

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

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

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

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

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

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

Linkage					Hig	gh Lift Linka	nge			
Bucket Type		General Purpose – Pin-On								
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m³	2.70	2.70	2.50	3.10	3.10	2.90	3.30	3.30	3.10
	yd³	3.50	3.50	3.25	4.00	4.00	3.75	4.25	4.25	4.00
Capacity – Rated at 110% Fill Factor	$m^3$	3.00	3.00	2.80	3.40	3.40	3.20	3.60	3.60	3.40
	$yd^3$	4.00	4.00	3.75	4.50	4.50	4.25	4.75	4.75	4.50
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3484	3369	3369	3404	3287	3287	3365	3247	3247
and 45° Discharge	ft/in	11'5"	11'0"	11'0"	11'2"	10'9"	10'9"	11'0"	10'7"	10'7"
17† Reach at Maximum Lift and	mm	1322	1436	1436	1378	1489	1489	1407	1518	1518
45° Discharge	ft/in	4'4"	4'8"	4'8"	4'6"	4'10"	4'10"	4'7"	4'11"	4'11"
Reach at Level Lift Arm and	mm	2924	3085	3085	3024	3185	3185	3074	3235	3235
Bucket Level	ft/in	9'7"	10'1"	10'1"	9'11"	10'5"	10'5"	10'1"	10'7"	10'7"
A† Digging Depth	mm	58	58	28	58	58	28	58	58	28
	in	2.2"	2.2"	1.1"	2.2"	2.2"	1.1"	2.2"	2.2"	1.1"
12† Overall Length	mm	8636	8808	8808	8736	8908	8908	8786	8958	8958
	ft/in	28'4"	28'11"	28'11"	28'8"	29'3"	29'3"	28'10"	29'5"	29'5"
<b>B</b> † Overall Height with Bucket at	mm	5911	5911	5911	5874	5874	5874	6048	6048	6048
Maximum Lift	ft/in	19'5"	19'5"	19'5"	19'4"	19'4"	19'4"	19'11"	19'11"	19'11"
Loader Clearance Circle Radius	mm	6845	6926	6926	6872	6954	6954	6886	6968	6968
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'9"	22'7"	22'10"	22'10"	22'8"	22'11"	22'11"
Static Tipping Load, Straight	kg	14 891	14 756	14 990	14 780	14 644	14 875	14 722	14 586	14 809
(No tire deflection)	lb	32,828	32,533	33,049	32,584	32,286	32,795	32,457	32,157	32,650
Static Tipping Load, Articulated	kg	12 958	12 824	13 044	12 849	12 714	12 931	12 792	12 656	12 867
(No tire deflection)	1b	28,568	28,273	28,759	28,328	28,030	28,508	28,203	27,903	28,366
Breakout Force(§)	kN	157	156	172	144	142	156	138	136	149
	1bf	35,340	35,059	38,679	32,372	32,095	35,185	31,048	30,773	33,644
Operating Weight*	kg	22 716	22 824	22 667	22 805	22 913	22 756	22 850	22 958	22 801
	lb	50,079	50,317	49,971	50,275	50,513	50,167	50,374	50,613	50,266

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

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

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

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

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

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

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

Linkage				High Lif	ft Linkage						
Bucket Type			General Purpose – Pin-On								
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	m <sup>3</sup>	3.40	3.40	3.20	3.60	3.60	3.40				
	$yd^3$	4.50	4.50	4.25	4.75	4.75	4.50				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	3.50	4.00	4.00	3.70				
	$yd^3$	4.75	4.75	4.50	5.25	5.25	4.75				
Width	mm	2927	2994	2994	2927	2994	2994				
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"				
16† Dump Clearance at Maximum Lift	mm	3339	3221	3221	3293	3174	3174				
and 45° Discharge	ft/in	10'11"	10'6"	10'6"	10'9"	10'4"	10'4"				
17† Reach at Maximum Lift and	mm	1430	1540	1540	1466	1576	1576				
45° Discharge	ft/in	4'8"	5'0"	5'0"	4'9"	5'2"	5'2"				
Reach at Level Lift Arm and	mm	3109	3270	3270	3169	3330	3330				
Bucket Level	ft/in	10'2"	10'8"	10'8"	10'4"	10'11"	10'11"				
A† Digging Depth	mm	58	58	28	58	58	28				
	in	2.2"	2.2"	1.1"	2.2"	2.2"	1.1"				
2† Overall Length	mm	8821	8993	8993	8881	9053	9053				
	ft/in	29'0"	29'7"	29'7"	29'2"	29'9"	29'9"				
<b>B</b> † Overall Height with Bucket at	mm	6077	6077	6077	6136	6136	6136				
Maximum Lift	ft/in	20'0"	20'0"	20'0"	20'2"	20'2"	20'2"				
Loader Clearance Circle Radius	mm	6896	6978	6978	6913	6995	6995				
with Bucket at Carry Position	ft/in	22'8"	22'11"	22'11"	22'9"	23'0"	23'0"				
Static Tipping Load, Straight	kg	14 685	14 548	14 766	14 611	14 473	14 691				
(No tire deflection)	1b	32,374	32,073	32,554	32,212	31,909	32,388				
Static Tipping Load, Articulated	kg	12 755	12 619	12 824	12 683	12 546	12 750				
(No tire deflection)	1b	28,122	27,821	28,273	27,962	27,660	28,109				
Breakout Force(§)	kN	134	133	145	128	126	138				
	lbf	30,178	29,904	32,636	28,776	28,503	31,021				
Operating Weight*	kg	22 880	22 988	22 831	22 938	23 046	22 889				
	1b	50,441	50,679	50,333	50,568	50,807	50,460				

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

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

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

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

<sup>(</sup>With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

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

Linkage		High Lift Linkage						
Bucket Type		General Purpose – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	m <sup>3</sup>	3.40	3.40	3.20				
	yd³	4.50	4.50	4.25				
Capacity – Rated at 110% Fill Factor	m³	3.70	3.70	3.50				
	$yd^3$	4.75	4.75	4.50				
Width	mm	2927	2994	2994				
	ft/in	9'7"	9'9"	9'9"				
6† Dump Clearance at Maximum Lift	mm	3297	3179	3179				
and 45° Discharge	ft/in	10'9"	10'5"	10'5"				
7† Reach at Maximum Lift and	mm	1466	1576	1576				
45° Discharge	ft/in	4'9"	5'2"	5'2"				
Reach at Level Lift Arm and	mm	3164	3325	3325				
Bucket Level	ft/in	10'4"	10'10"	10'10"				
A† Digging Depth	mm	66	66	36				
	in	2.6"	2.6"	1.4"				
2† Overall Length	mm	8881	9054	9054				
	ft/in	29'2"	29'9"	29'9"				
B† Overall Height with Bucket at	mm	6096	6096	6096				
Maximum Lift	ft/in	20'0"	20'0"	20'0"				
Loader Clearance Circle Radius	mm	6913	6996	6996				
with Bucket at Carry Position	ft/in	22'9"	23'0"	23'0"				
Static Tipping Load, Straight	kg	14 087	13 951	14 244				
(No tire deflection)	1b	31,058	30,757	31,403				
Static Tipping Load, Articulated	kg	12 179	12 042	12 322				
(No tire deflection)	1b	26,850	26,549	27,167				
Breakout Force(§)	kN	128	127	138				
	lbf	28,829	28,555	31,086				
Operating Weight*	kg	23 359	23 467	23 310				
	1b	51,497	51,735	51,389				

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

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

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

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

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

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

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

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

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

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

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

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

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

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



# **962**Corrosion Resistant

The Cat 962 Wheel Loader Corrosion Resistant package adds real value in protecting your machine investment. An industry-unique factory treatment provides more protection for all machine components that can be affected by corrosive materials. It's designed for improving reliability and durability in demanding corrosive environments such as fertilizer plants, chemical industries, agriculture, saltwater ports, and others.

#### **Proven Reliability**

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

#### **Durability**

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

#### **Achieve Greater Fuel Efficiency and Productivity**

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

#### **Safety Features**

- Rear-vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and inclined steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear-vision camera provide industry leading all-around visibility.
- Monitored seat belt is standard and can be enhanced with an optional exterior indicator.

- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

#### **Reduced Maintenance Time and Costs**

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

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

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

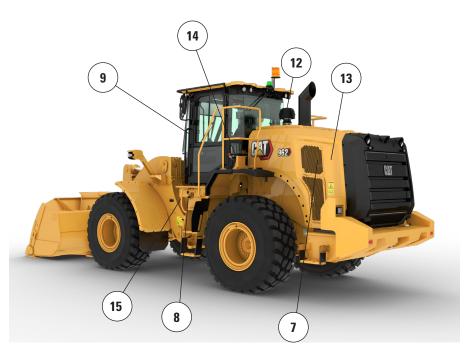
<sup>\*</sup>Parts and fluids only.

# **962 Corrosion Resistant Specifications**

## **962 Corrosion Resistant Features**

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





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





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

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

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AEXQ3579-00 (4-2023)
Build Number: 14A
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