

## 962 Wheel Loader

# **Technical Specifications**

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

#### **Table of Contents**

Specifications	
Engine – U.S. EPA Tier 4 Final/EU Stage V	Service Refill Capacities
Operating Specifications	Brakes
Buckets	Axles
Weight2	Cab3
Engine – U.S. EPA Tier 3 Equivalent/EU Stage IIIA Equivalent 2	Dimensions
Transmission	Tire Options5
Air Conditioning System	Bucket Fill Factors and Selection Guide7
Hydraulic System3	Operating Specifications – Buckets
Sound	Fork/Material Handling Arm Specifications35
Standard and Optional Equipment	
962 Environmental Declaration	70
962 Waste & Scrap Handler Configuration	71
Key Features and Benefits.71Tire Options.73	Operating Specifications – Buckets
962 Forestry Machine Configuration	
Key Features and Benefits86	Fork Specifications
Tire Options	Material Handling Specifications125
Operating Specifications – Buckets	
962 Corrosion Resistant Configuration	



Engine – U.S. EPA Tier 4 Final	/EU Stage \	/		
Engine Model	Cat® C7.1			
Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission				
standards.				
Engine Power @ 2,100 rpm	201 kW	269 hp		
ISO 14396:2002	273 hp (metr	ric)		
Gross Power @ 2,100 rpm	203 kW	273 hp		
SAE J1995:2014	E J1995:2014 277 hp (metric)			
Net Power @ 2,100 rpm	187 kW	251 hp		
ISO 9249:2007, SAE J1349:2011	255 hp (metr	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 lower-carbon intensity fuels\*\* up to:
- 20% biodiesel FAME (fatty acid methyl ester)\*
- 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

- Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.
- \*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

# Operating Specifications Static Tipping Load – Full 40° Turn With Tire Deflection 11 734 kg 25,869 lb No Tire Deflection 12 487 kg 27,529 lb Breakout Force 189 kN 42,489 lbf

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

Buckets		
Bucket Capacities	2.5-9.9 m <sup>3</sup>	3.3-13.0 yd <sup>3</sup>

Weight			
			_
Operating Weight	20 171 kg	44,469 lb	

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

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

Engine Model	Cat C7.1			
Meets Brazil MAR-1 and UN ECE R96 Stage IIIA emission standards,				
equivalent to U.S. EPA Tier 3 and EU S	tage IIIA.			
Engine Power @ 2,100 rpm	201 kW	269 hp		
ISO 14396:2002	273 hp (metr	ric)		
Gross Power @ 2,100 rpm	206 kW	276 hp		
SAE J1995:2014	280 hp (metr	ric)		
Net Power @ 2,100 rpm	187 kW	251 hp		
ISO 9249:2007, SAE J1349:2011	255 hp (metr	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 lowercarbon intensity fuels\*\* up to:
  - 100% biodiesel FAME (fatty acid methyl ester)\*
  - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

- \* Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.
- \*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

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	29 300 kPa	4,250 psi
Optional 3 <sup>rd</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 3 <sup>rd</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Optional 4 <sup>th</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 4 <sup>th</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Hydraulic Cycle Time with Rated Payloa	d:	
Raise from Carry Position	5.2 sec	
Dump at Maximum Raise	1.5 sec	
Lower, Empty, Float Down	2.7 sec	
Total	9.4 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

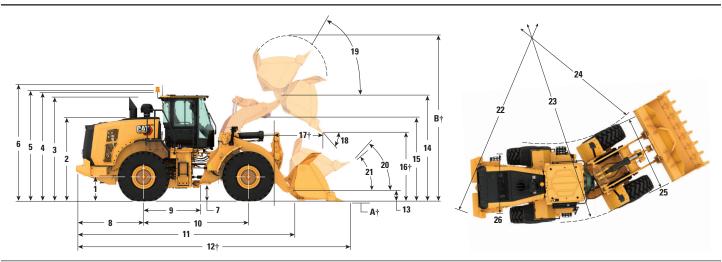
Axles		
Front	Fixed	
Rear	Oscillating ±13 degrees	

#### 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.



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

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

<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 1,103 lb	633 kg 1,395 lb	-192 kg -423 lb
Change in Static Tipping Load – Straight		-99 kg -218 lb	318 kg 700 lb	402 kg 886 lb	-122 kg -269 lb
Change in Static Tipping Load – Articulated		-87 kg -191 lb	278 kg 612 lb	351 kg 774 lb	-107 kg -235 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±8 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	481 mm 1'7"	481 mm 1'7"	298 mm 1'0"	298 mm 1'0"	481 mm 1'7"

<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 (average of front and rear)	9 mm	0 mm	11 mm	66 mm	20 mm
	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	1,544 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"

 $<sup>{}^*\!</sup>W$ idth 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 degrees
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"

 $<sup>{}^*\!</sup>W$ idth over tire bulge and includes tire growth.

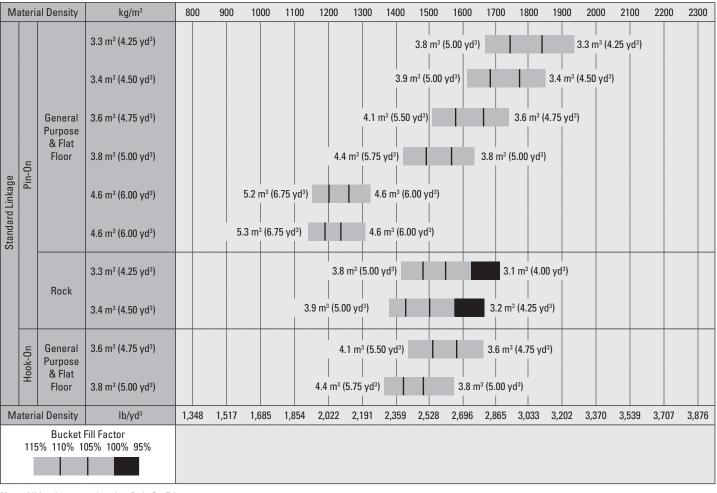
### **Bucket Fill Factors and Selection Guide**

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.



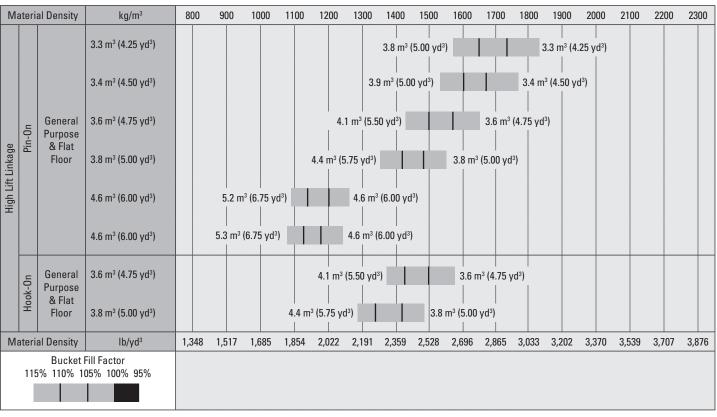
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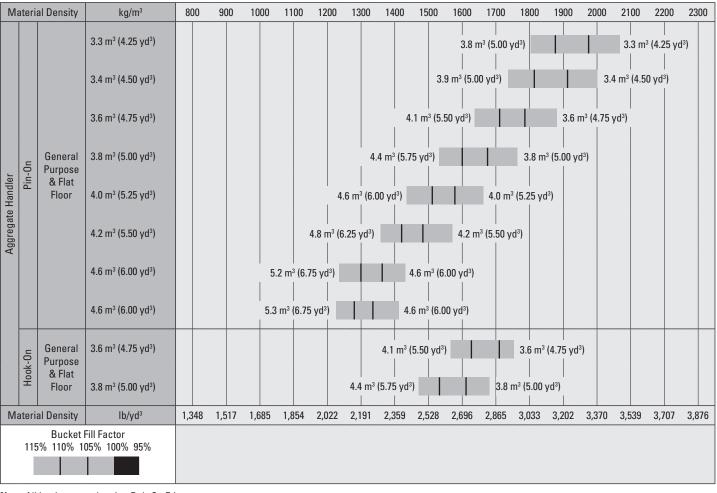
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<sup>\*</sup>As a % of ISO 7546:1983 rated capacity.

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



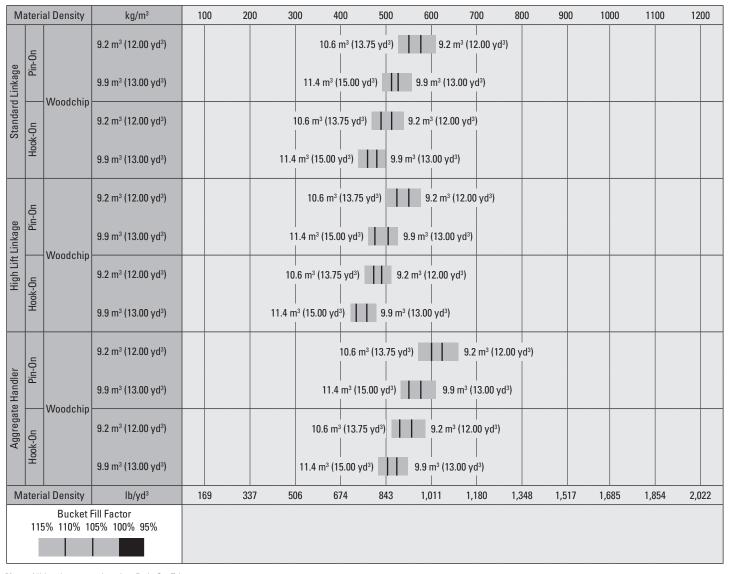
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Sand and Gravel		115	1.5-1.7
Aggregate:	25-76 mm (1 to 3 in)	110	1.6-1.7
	19 mm (0.75 in) and smaller	105	1.8
Rock:	76 mm (3 in) and larger	100	1.6

<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.



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

Linkage					Standard	Linkage			
Bucket Type					General Purp	ose – Pin-C	)n		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments						
Capacity – Rated	m <sup>3</sup>	3.30	3.30	3.40	3.40	3.60	3.60	3.80	3.80
	$yd^3$	4.25	4.25	4.50	4.50	4.75	4.75	5.00	5.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.60	3.60	3.70	3.70	4.00	4.00	4.20	4.20
	$yd^3$	4.75	4.75	4.75	4.75	5.25	5.25	5.50	5.50
Width	mm	2927	2994	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
<b>16</b> † Dump Clearance at Maximum Lift	mm	3039	2921	3021	2902	2995	2875	2960	2840
and 45° Discharge	ft/in	9'11"	9'7"	9'10"	9'6"	9'9"	9'5"	9'8"	9'3"
17† Reach at Maximum Lift and	mm	1398	1508	1412	1522	1434	1543	1463	1572
45° Discharge	ft/in	4'7"	4'11"	4'7"	4'11"	4'8"	5'0"	4'9"	5'1"
Reach at Level Lift Arm and	mm	2841	3002	2865	3026	2900	3061	2946	3107
Bucket Level	ft/in	9'3"	9'10"	9'4"	9'11"	9'6"	10'0"	9'7"	10'2"
A† Digging Depth	mm	103	103	103	103	103	103	103	103
	in	4"	4"	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8619	8792	8643	8816	8678	8851	8724	8897
	ft/in	28'4"	28'11"	28'5"	29'0"	28'6"	29'1"	28'8"	29'3"
B† Overall Height with Bucket at	mm	5773	5773	5798	5798	5832	5832	5879	5879
Maximum Lift	ft/in	19'0"	19'0"	19'1"	19'1"	19'2"	19'2"	19'4"	19'4"
Loader Clearance Circle Radius	mm	6800	6886	6807	6894	6818	6905	6832	6919
with Bucket at Carry Position	ft/in	22'4"	22'8"	22'4"	22'8"	22'5"	22'8"	22'5"	22'9"
Static Tipping Load, Straight	kg	13 690	13 550	13 644	13 503	13 569	13 427	13 463	13 321
(With tire deflection)	lb	30,182	29,872	30,080	29,770	29,915	29,603	29,682	29,368
Static Tipping Load, Straight	kg	14 430	14 288	14 385	14 243	14 311	14 169	14 208	14 064
(No tire deflection)	lb	31,814	31,501	31,714	31,401	31,552	31,237	31,323	31,006
Static Tipping Load,	kg	11 734	11 594	11 690	11 549	11 619	11 478	11 519	11 377
Articulated (With tire deflection)	lb	25,870	25,560	25,773	25,462	25,617	25,305	25,396	25,082
Static Tipping Load, Articulated	kg	12 487	12 345	12 444	12 302	12 374	12 232	12 276	12 132
(No tire deflection)	lb	27,529	27,217	27,435	27,121	27,282	26,967	27,065	26,748
Breakout Force(§)	kN	189	188	185	184	180	179	174	173
	lbf	42,503	42,264	41,695	41,456	40,566	40,327	39,159	38,920
Operating Weight*	kg	20 171	20 279	20 195	20 303	20 232	20 340	20 286	20 394
2 0	lb	44,470	44,708	44,522	44,761	44,603	44,841	44,723	44,961

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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 General Purpose – Hook-On – Fusion™					
Bucket Type							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	$m^3$	3.60	3.60	3.80	3.80		
	$yd^3$	4.75	4.75	5.00	5.00		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00	4.20	4.20		
	$yd^3$	5.25	5.25	5.50	5.50		
Width	mm	2927	2994	2927	2994		
	ft/in	9'7"	9'9"	9'7"	9'9"		
16† Dump Clearance at Maximum Lift	mm	2955	2835	2920	2800		
and 45° Discharge	ft/in	9'8"	9'3"	9'6"	9'2"		
17† Reach at Maximum Lift and	mm	1479	1588	1508	1617		
45° Discharge	ft/in	4'10"	5'2"	4'11"	5'3"		
Reach at Level Lift Arm and	mm	2960	3121	3006	3167		
Bucket Level	ft/in	9'8"	10'2"	9'10"	10'4"		
A† Digging Depth	mm	103	103	103	103		
	in	4"	4"	4"	4"		
12† Overall Length	mm	8738	8911	8784	8957		
	ft/in	28'9"	29'3"	28'10"	29'5"		
<b>B</b> † Overall Height with Bucket at	mm	5866	5866	5913	5913		
Maximum Lift	ft/in	19'3"	19'3"	19'5"	19'5"		
Loader Clearance Circle Radius	mm	6833	6921	6848	6936		
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'6"	22'10"		
Static Tipping Load, Straight	kg	13 004	12 863	12 912	12 770		
(With tire deflection)	lb	28,670	28,359	28,467	28,155		
Static Tipping Load, Straight	kg	13 736	13 594	13 646	13 503		
(No tire deflection)	lb	30,284	29,970	30,084	29,769		
Static Tipping Load,	kg	11 083	10 942	10 996	10 855		
Articulated (With tire deflection)	lb	24,435	24,124	24,244	23,931		
Static Tipping Load, Articulated	kg	11 828	11 686	11 743	11 600		
(No tire deflection)	lb	26,078	25,764	25,890	25,574		
Breakout Force(§)	kN	172	171	166	165		
	lbf	38,782	38,543	37,489	37,251		
Operating Weight*	kg	20 676	20 784	20 721	20 829		
	lb	45,581	45,820	45,681	45,919		

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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				Flat Floo	r _ Pin₋∩n			Flat Floor - Pin-On – Light Material
bucket type	-	Flat Floor – Pin-On  Bolt-On Bolt-On Bolt-On						Bolt-On
Edge Type		Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Cutting Edges	Teeth and Segments	Cutting Edges
Capacity – Rated	$m^3$	3.40	3.40	3.60	3.60	3.80	3.80	4.60
	yd <sup>3</sup>	4.50	4.50	4.75	4.75	5.00	5.00	6.00
Capacity – Rated at 110% Fill Factor	$\frac{3}{m^3}$	3.70	3.70	4.00	4.00	4.20	4.20	5.00
	yd <sup>3</sup>	4.75	4.75	5.25	5.25	5.50	5.50	6.50
Width	mm	2927	2994	2927	2994	2927	2994	3338
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	10'11"
<b>16</b> † Dump Clearance at Maximum Lift	mm	2963	2837	2931	2806	2895	2770	2836
and 45° Discharge	ft/in	9'8"	9'3"	9'7"	9'2"	9'5"	9'1"	9'3"
17† Reach at Maximum Lift and	mm	1346	1448	1378	1480	1414	1516	1487
45° Discharge	ft/in	4'5"	4'9"	4'6"	4'10"	4'7"	4'11"	4'10"
Reach at Level Lift Arm and	mm	2875	3036	2920	3081	2971	3132	3065
Bucket Level	ft/in	9'5"	9'11"	9'6"	10'1"	9'8"	10'3"	10'0"
A† Digging Depth	mm	103	103	103	103	103	103	93
	in	4"	4"	4"	4"	4"	4"	3.7"
12† Overall Length	mm	8653	8826	8698	8871	8749	8922	8836
	ft/in	28'5"	29'0"	28'7"	29'2"	28'9"	29'4"	29'0"
<b>B</b> † Overall Height with Bucket at	mm	5768	5768	5816	5816	5864	5864	5715
Maximum Lift	ft/in	19'0"	19'0"	19'1"	19'1"	19'3"	19'3"	18'9"
Loader Clearance Circle Radius	mm	6810	6897	6824	6911	6840	6927	7048
with Bucket at Carry Position	ft/in	22'5"	22'8"	22'5"	22'9"	22'6"	22'9"	23'2"
Static Tipping Load, Straight	kg	13 490	13 351	13 397	13 256	13 288	13 147	13 072
(With tire deflection)	lb	29,741	29,434	29,535	29,226	29,296	28,985	28,820
Static Tipping Load, Straight	kg	14 213	14 072	14 121	13 980	14 014	13 872	13 779
(No tire deflection)	lb	31,335	31,025	31,133	30,820	30,897	30,582	30,377
Static Tipping Load,	kg	11 558	11 418	11 470	11 329	11 367	11 226	11 179
Articulated (With tire deflection)	lb	25,481	25,173	25,287	24,977	25,061	24,749	24,646
Static Tipping Load, Articulated	kg	12 294	12 153	12 207	12 066	12 107	11 964	11 900
(No tire deflection)	lb	27,104	26,793	26,913	26,601	26,691	26,376	26,235
Breakout Force(§)	kN	184	182	177	176	170	169	160
	lbf	41,357	41,118	39,939	39,700	38,428	38,189	36,055
Operating Weight*	kg	20 197	20 305	20 241	20 349	20 295	20 403	20 321
	lb	44,527	44,765	44,623	44,861	44,742	44,980	44,800

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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 Flat Floor – Hook-On – Fusion					
Bucket Type							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	$m^3$	3.60	3.60	3.80	3.80		
	$yd^3$	4.75	4.75	5.00	5.00		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00	4.20	4.20		
	$yd^3$	5.25	5.25	5.50	5.50		
Width	mm	2927	2994	2927	2994		
	ft/in	9'7"	9'9"	9'7"	9'9"		
16† Dump Clearance at Maximum Lift	mm	2889	2763	2836	2710		
and 45° Discharge	ft/in	9'5"	9'0"	9'3"	8'10"		
17† Reach at Maximum Lift and	mm	1420	1522	1473	1575		
45° Discharge	ft/in	4'7"	4'11"	4'10"	5'2"		
Reach at Level Lift Arm and	mm	2980	3141	3055	3216		
Bucket Level	ft/in	9'9"	10'3"	10'0"	10'6"		
A† Digging Depth	mm	103	103	103	103		
	in	4"	4"	4"	4"		
12† Overall Length	mm	8758	8931	8833	9006		
	ft/in	28'9"	29'4"	29'0"	29'7"		
<b>B</b> † Overall Height with Bucket at	mm	5845	5845	5910	5910		
Maximum Lift	ft/in	19'3"	19'3"	19'5"	19'5"		
Loader Clearance Circle Radius	mm	6840	6928	6864	6952		
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'7"	22'10"		
Static Tipping Load, Straight	kg	12 841	12 701	12 514	12 375		
(With tire deflection)	lb	28,311	28,002	27,589	27,282		
Static Tipping Load, Straight	kg	13 556	13 414	13 212	13 071		
(No tire deflection)	lb	29,886	29,574	29,128	28,818		
Static Tipping Load,	kg	10 942	10 802	10 646	10 506		
Articulated (With tire deflection)	lb	24,124	23,815	23,471	23,163		
Static Tipping Load, Articulated	kg	11 670	11 529	11 359	11 218		
(No tire deflection)	lb	25,729	25,418	25,042	24,732		
Breakout Force(§)	kN	170	168	160	159		
	lbf	38,207	37,968	36,152	35,913		
Operating Weight*	kg	20 684	20 792	20 790	20 898		

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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		Multi-Purpos	se – Pin-On	Multi-Purpose – H	ook-On – Fusion		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	2.90	2.90	2.90	2.90		
	$yd^3$	3.75	3.75	3.75	3.75		
Capacity – Rated at 110% Fill Factor	$m^3$	3.20	3.20	3.20	3.20		
	$yd^3$	4.25	4.25	4.25	4.25		
Width	mm	2943	3020	3007	3000		
	ft/in	9'7"	9'10"	9'10"	9'10"		
16† Dump Clearance at Maximum Lift	mm	3216	3090	3178	3068		
and 45° Discharge	ft/in	10'6"	10'1"	10'5"	10'0"		
17† Reach at Maximum Lift and	mm	1381	1507	1471	1590		
45° Discharge	ft/in	4'6"	4'11"	4'9"	5'2"		
Reach at Level Lift Arm and	mm	2688	2864	2783	2944		
Bucket Level	ft/in	8'9"	9'4"	9'1"	9'7"		
A† Digging Depth	mm	104	104	83	83		
	in	4.1"	4.1"	3.3"	3.3"		
12† Overall Length	mm	8467	8662	8547	8722		
	ft/in	27'10"	28'6"	28'1"	28'8"		
<b>B</b> † Overall Height with Bucket at	mm	5535	5535	5607	5607		
Maximum Lift	ft/in	18'2"	18'2"	18'5"	18'5"		
Loader Clearance Circle Radius	mm	6762	6860	6806	6860		
with Bucket at Carry Position	ft/in	22'3"	22'7"	22'4"	22'7"		
Static Tipping Load, Straight	kg	13 424	13 252	12 701	12 573		
(With tire deflection)	lb	29,594	29,216	28,001	27,719		
Static Tipping Load, Straight	kg	14 148	13 975	13 422	13 293		
(No tire deflection)	1b	31,192	30,810	29,590	29,306		
Static Tipping Load,	kg	11 476	11 304	10 786	10 658		
Articulated (With tire deflection)	1b	25,300	24,921	23,780	23,497		
Static Tipping Load, Articulated	kg	12 213	12 040	11 521	11 391		
(No tire deflection)	1b	26,927	26,544	25,399	25,114		
Breakout Force(§)	kN	213	212	196	194		
	lbf	48,021	47,712	44,047	43,816		
Operating Weight*	kg	20 446	20 581	21 001	21 101		
	lb	45,075	45,373	46,299	46,519		

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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 — Pin-On							
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	5.10	6.10	7.60	9.20			
	$yd^3$	6.75	8.00	10.00	12.00			
Capacity – Rated at 110% Fill Factor	m³	5.60	6.70	8.40	10.10			
	$yd^3$	7.25	8.75	11.00	13.25			
Width	mm	3029	3037	3350	3350			
	ft/in	9'11"	9'11"	10'11"	10'11"			
6† Dump Clearance at Maximum Height	mm	4714	4678	4601	4429			
and High Dump Fully Rolled Out (49°)	ft/in	15'5"	15'3"	15'1"	14'5"			
7† Reach at Maximum Height and High	mm	1721	1760	1828	1979			
Dump Fully Rolled Out (49°)	ft/in	5'6"	5'8"	5'10"	6'5"			
Reach at Level Lift Arm and	mm	3305	3476	3576	3776			
Bucket Level	ft/in	10'10"	11'4"	11'8"	12'4"			
A† Digging Depth	mm	96	73	73	73			
	in	3.7"	2.9"	2.9"	2.9"			
2† Overall Length	mm	9078	9254	9354	9554			
	ft/in	29'10"	30'5"	30'9"	31'5"			
B† Overall Height at Maximum Height and	mm	6838	6990	6981	7135			
High Dump Fully Rolled Out (49°)	ft/in	22'4"	22'9"	22'9"	23'4"			
Loader Clearance Circle Radius	mm	6989	7052	7221	7289			
with Bucket at Carry Position	ft/in	23'0"	23'2"	23'9"	23'11"			
Static Tipping Load, Straight	kg	11 982	11 754	11 431	11 086			
(With tire deflection)	lb	26,416	25,915	25,201	24,441			
Static Tipping Load, Straight	kg	12 699	12 502	12 178	11 836			
(No tire deflection)	lb	27,997	27,562	26,848	26,095			
Static Tipping Load,	kg	10 142	9898	9586	9262			
Articulated (With tire deflection)	lb	22,359	21,821	21,133	20,419			
Static Tipping Load, Articulated	kg	10 873	10 659	10 347	10 026			
(No tire deflection)	lb	23,971	23,499	22,811	22,104			
Breakout Force(§)	kN	134	127	119	106			
	lbf	30,232	28,590	26,770	23,909			
Operating Weight*	kg	20 949	21 281	21 510	21 683			
	lb	46,184	46,916	47,421	47,802			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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 — Hook-On — Fusion	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	6.10	7.60	9.20
	$yd^3$	8.00	10.00	12.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	6.70	8.40	10.10
	$yd^3$	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
6† Dump Clearance at Maximum Height	mm	4657	4655	4482
and High Dump Fully Rolled Out (49°)	ft/in	15'3"	15'3"	14'7"
<b>7</b> † Reach at Maximum Height and High	mm	1879	1865	2016
Dump Fully Rolled Out (49°)	ft/in	6'2"	6'1"	6'6"
Reach at Level Lift Arm and	mm	3540	3641	3841
Bucket Level	ft/in	11'7"	11'11"	12'7"
A† Digging Depth	mm	103	73	73
	in	4"	2.9"	2.9"
2† Overall Length	mm	9318	9419	9619
	ft/in	30'7"	30'11"	31'7"
B† Overall Height at Maximum Height and	mm	6979	7034	7188
High Dump Fully Rolled Out (49°)	ft/in	22'9"	23'1"	23'6"
Loader Clearance Circle Radius	mm	7073	7243	7312
with Bucket at Carry Position	ft/in	23'3"	23'10"	24'0"
Static Tipping Load, Straight	kg	10 680	10 781	10 447
(With tire deflection)	lb	23,547	23,770	23,032
Static Tipping Load, Straight	kg	11 362	11 514	11 181
(No tire deflection)	lb	25,049	25,384	24,651
Static Tipping Load,	kg	8921	8964	8650
Articulated (With tire deflection)	lb	19,667	19,763	19,070
Static Tipping Load, Articulated	kg	9618	9711	9398
(No tire deflection)	lb	21,205	21,409	20,720
Breakout Force(§)	kN	115	114	102
	lbf	26,026	25,672	22,980
Operating Weight*	kg	21 858	22 077	22 249
, ,	lb	48,188	48,671	49,050

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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	Woodchi	p – Pin-On	Woodchip – Ho	ook-On – Fusion				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	9.20	9.90	9.20	9.90			
	yd³	12.00	13.00	12.00	13.00			
Capacity – Rated at 110% Fill Factor	$m^3$	10.10	10.90	10.10	10.90			
	yd³	13.25	14.25	13.25	14.25			
Width	mm	3330	3330	3330	3330			
	ft/in	10'11"	10'11"	10'11"	10'11"			
<b>16</b> † Dump Clearance at Maximum Lift	mm	2450	2375	2357	2353			
and 45° Discharge	ft/in	8'0"	7'9"	7'8"	7'8"			
17† Reach at Maximum Lift and	mm	1866	1941	1959	1963			
45° Discharge	ft/in	6'1"	6'4"	6'5"	6'5"			
Reach at Level Lift Arm and	mm	3605	3711	3737	3743			
Bucket Level	ft/in	11'9"	12'2"	12'3"	12'3"			
A† Digging Depth	mm	98	98	98	98			
	in	3.8"	3.8"	3.8"	3.8"			
12† Overall Length	mm	9380	9486	9512	9518			
	ft/in	30'10"	31'2"	31'3"	31'3"			
B† Overall Height with Bucket at	mm	6454	6546	6512	6563			
Maximum Lift	ft/in	21'3"	21'6"	21'5"	21'7"			
Loader Clearance Circle Radius	mm	7220	7256	7266	7268			
with Bucket at Carry Position	ft/in	23'9"	23'10"	23'11"	23'11"			
Static Tipping Load, Straight	kg	12 184	12 105	10 906	10 954			
(With tire deflection)	lb	26,862	26,688	24,045	24,150			
Static Tipping Load, Straight	kg	12 955	12 885	11 586	11 642			
(No tire deflection)	lb	28,561	28,407	25,544	25,666			
Static Tipping Load,	kg	10 328	10 243	9172	9214			
Articulated (With tire deflection)	lb	22,771	22,583	20,222	20,314			
Static Tipping Load, Articulated	kg	11 112	11 036	9868	9918			
(No tire deflection)	lb	24,499	24,331	21,756	21,866			
Breakout Force(§)	kN	114	107	106	105			
	lbf	25,658	24,210	23,948	23,808			
Operating Weight*	kg	20 783	20 875	21 418	21 379			
	lb	45,818	46,021	47,218	47,132			

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

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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 Dump – Pin-On	Side Dump – Hook-On – Fusion			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m³	2.90	2.90			
	$yd^3$	3.75	3.75			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.20	3.20			
	$yd^3$	4.25	4.25			
Width	mm	3220	3220			
	ft/in	10'6"	10'6"			
16† Dump Clearance at Maximum Lift	mm	2940	2941			
and 45° Discharge	ft/in	9'7"	9'7"			
17† Reach at Maximum Lift and	mm	1362	1361			
45° Discharge	ft/in	4'5"	4'5"			
Reach at Level Lift Arm and	mm	2902	2901			
Bucket Level	ft/in	9'6"	9'6"			
A† Digging Depth	mm	109	108			
	in	4.3"	4.2"			
12† Overall Length	mm	8684	8683			
	ft/in	28'6"	28'6"			
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	5730	5722			
Maximum Lift	ft/in	18'10"	18'10"			
Loader Clearance Circle Radius	mm	6927	6947			
with Bucket at Carry Position	ft/in	22'9"	22'10"			
Static Tipping Load, Straight	kg	12 503	12 219			
(With tire deflection)	1b	27,565	26,938			
Static Tipping Load, Straight	kg	13 220	12 934			
(No tire deflection)	lb	29,145	28,516			
Static Tipping Load,	kg	10 625	10 341			
Articulated (With tire deflection)	lb	23,425	22,799			
Static Tipping Load, Articulated	kg	11 356	11 071			
(No tire deflection)	lb	25,037	24,408			
Breakout Force(§)	kN	175	177			
	lbf	39,330	39,890			
Operating Weight*	kg	20 784	21 240			
	1b	45,820	46,826			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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					General Purp	ose – Pin-C	)n		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments						
Capacity – Rated	m <sup>3</sup>	3.30	3.30	3.40	3.40	3.60	3.60	3.80	3.80
	$yd^3$	4.25	4.25	4.50	4.50	4.75	4.75	5.00	5.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.60	3.60	3.70	3.70	4.00	4.00	4.20	4.20
	$yd^3$	4.75	4.75	4.75	4.75	5.25	5.25	5.50	5.50
Width	mm	2927	2994	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
<b>16</b> † Dump Clearance at Maximum Lift	mm	3328	3209	3310	3190	3283	3164	3249	3129
and 45° Discharge	ft/in	10'11"	10'6"	10'10"	10'5"	10'9"	10'4"	10'7"	10'3"
17† Reach at Maximum Lift and	mm	1499	1609	1514	1624	1536	1645	1565	1674
45° Discharge	ft/in	4'11"	5'3"	4'11"	5'3"	5'0"	5'4"	5'1"	5'5"
Reach at Level Lift Arm and	mm	3118	3279	3142	3303	3177	3338	3223	3384
Bucket Level	ft/in	10'2"	10'9"	10'3"	10'10"	10'5"	10'11"	10'6"	11'1"
A† Digging Depth	mm	109	109	109	109	109	109	109	109
	in	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"
12† Overall Length	mm	9013	9184	9037	9208	9072	9243	9118	9289
	ft/in	29'7"	30'2"	29'8"	30'3"	29'10"	30'4"	29'11"	30'6"
<b>B</b> † Overall Height with Bucket at	mm	6061	6061	6087	6087	6121	6121	6168	6168
Maximum Lift	ft/in	19'11"	19'11"	20'0"	20'0"	20'1"	20'1"	20'3"	20'3"
Loader Clearance Circle Radius	mm	6958	7050	6966	7058	6977	7069	6993	7085
with Bucket at Carry Position	ft/in	22'10"	23'2"	22'11"	23'2"	22'11"	23'3"	23'0"	23'3"
Static Tipping Load, Straight	kg	13 055	12 918	13 012	12 874	12 942	12 804	12 843	12 704
(With tire deflection)	lb	28,782	28,480	28,687	28,384	28,533	28,228	28,315	28,009
Static Tipping Load, Straight	kg	13 708	13 570	13 666	13 527	13 597	13 458	13 500	13 360
(No tire deflection)	lb	30,222	29,917	30,129	29,823	29,978	29,671	29,764	29,455
Static Tipping Load,	kg	11 117	10 980	11 076	10 938	11 009	10 871	10 915	10 776
Articulated (With tire deflection)	lb	24,509	24,207	24,418	24,115	24,272	23,967	24,065	23,759
Static Tipping Load, Articulated	kg	11 792	11 653	11 751	11 613	11 687	11 547	11 595	11 455
(No tire deflection)	lb	25,997	25,692	25,908	25,602	25,765	25,458	25,562	25,254
Breakout Force(§)	kN	187	186	184	182	179	177	172	171
	lbf	42,168	41,914	41,366	41,113	40,245	39,992	38,848	38,596
Operating Weight*	kg	20 843	20 951	20 867	20 975	20 903	21 011	20 958	21 066
	lb	45,950	46,188	46,003	46,241	46,083	46,321	46,204	46,442

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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.

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

Linkage		High Lift Linkage						
Bucket Type		General Purpose – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments			
Capacity – Rated	$m^3$	3.60	3.60	3.80	3.80			
	$yd^3$	4.75	4.75	5.00	5.00			
Capacity – Rated at 110% Fill Factor	$m^3$	4.00	4.00	4.20	4.20			
	$yd^3$	5.25	5.25	5.50	5.50			
Width	mm	2927	2994	2927	2994			
	ft/in	9'7"	9'9"	9'7"	9'9"			
16† Dump Clearance at Maximum Lift	mm	3243	3124	3209	3089			
and 45° Discharge	ft/in	10'7"	10'3"	10'6"	10'1"			
17† Reach at Maximum Lift and	mm	1581	1690	1610	1718			
45° Discharge	ft/in	5'2"	5'6"	5'3"	5'7"			
Reach at Level Lift Arm and	mm	3237	3398	3283	3444			
Bucket Level	ft/in	10'7"	11'1"	10'9"	11'3"			
A† Digging Depth	mm	109	109	109	109			
	in	4.3"	4.3"	4.3"	4.3"			
12† Overall Length	mm	9132	9303	9178	9349			
	ft/in	30'0"	30'7"	30'2"	30'9"			
<b>B</b> † Overall Height with Bucket at	mm	6154	6154	6202	6202			
Maximum Lift	ft/in	20'3"	20'3"	20'5"	20'5"			
Loader Clearance Circle Radius	mm	6988	7080	7003	7096			
with Bucket at Carry Position	ft/in	23'0"	23'3"	23'0"	23'4"			
Static Tipping Load, Straight	kg	12 397	12 260	12 311	12 173			
(With tire deflection)	lb	27,332	27,028	27,143	26,837			
Static Tipping Load, Straight	kg	13 045	12 906	12 961	12 821			
(No tire deflection)	lb	28,760	28,454	28,575	28,267			
Static Tipping Load,	kg	10 490	10 353	10 409	10 271			
Articulated (With tire deflection)	lb	23,128	22,824	22,949	22,643			
Static Tipping Load, Articulated	kg	11 160	11 021	11 081	10 941			
(No tire deflection)	lb	24,605	24,298	24,430	24,122			
Breakout Force(§)	kN	171	170	165	164			
	lbf	38,474	38,222	37,191	36,939			
Operating Weight*	kg	21 347	21 455	21 392	21 500			
	lb	47,062	47,300	47,161	47,399			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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				H	ligh Lift Linkag	je		
Bucket Type				Flat Floo	r – Pin-On			Flat Floor Pin-On – Light Material
Duokot 1990		Bolt-On		Bolt-On		Bolt-On		Bolt-On
		Cutting	Teeth and	Cutting	Teeth and	Cutting	Teeth and	Cutting
Edge Type		Edges	Segments	Edges	Segments	Edges	Segments	Edges
Capacity – Rated	m <sup>3</sup>	3.40	3.40	3.60	3.60	3.80	3.80	4.60
	$yd^3$	4.50	4.50	4.75	4.75	5.00	5.00	6.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	3.70	4.00	4.00	4.20	4.20	5.00
	$yd^3$	4.75	4.75	5.25	5.25	5.50	5.50	6.50
Width	mm	2927	2994	2927	2994	2927	2994	3338
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	10'11"
<b>16</b> † Dump Clearance at Maximum Lift	mm	3252	3126	3220	3094	3184	3058	3124
and 45° Discharge	ft/in	10'8"	10'3"	10'6"	10'1"	10'5"	10'0"	10'3"
17† Reach at Maximum Lift and	mm	1448	1550	1479	1582	1516	1618	1589
45° Discharge	ft/in	4'9"	5'1"	4'10"	5'2"	4'11"	5'3"	5'2"
Reach at Level Lift Arm and	mm	3152	3313	3197	3358	3248	3409	3342
Bucket Level	ft/in	10'4"	10'10"	10'5"	11'0"	10'7"	11'2"	10'11"
A† Digging Depth	mm	109	109	109	109	109	109	99
1 88 8 T	in	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	3.9"
12† Overall Length	mm	9047	9218	9092	9263	9143	9314	9231
22	ft/in	29'9"	30'3"	29'10"	30'5"	30'0"	30'7"	30'4"
<b>B</b> † Overall Height with Bucket at	mm	6056	6056	6105	6105	6152	6152	6004
Maximum Lift	ft/in	19'11"	19'11"	20'1"	20'1"	20'3"	20'3"	19'9"
Loader Clearance Circle Radius	mm	6969	7061	6984	7076	7001	7093	7205
with Bucket at Carry Position	ft/in	22'11"	23'2"	22'11"	23'3"	23'0"	23'4"	23'8"
Static Tipping Load, Straight	kg	12 879	12 742	12 792	12 654	12 690	12 552	12 500
(With tire deflection)	lb	28,393	28,092	28,202	27,899	27,978	27,673	27,558
Static Tipping Load, Straight	kg	13 518	13 381	13 433	13 295	13 333	13 194	13 127
(No tire deflection)	lb	29,803	29,500	29,615	29,310	29,395	29,089	28,941
Static Tipping Load,	kg	10 962	10 825	10 879	10 742	10 783	10 645	10 618
Articulated (With tire deflection)	lb	24,167	23,866	23,986	23,683	23,773	23,469	23,409
Static Tipping Load, Articulated	kg	11 623	11 486	11 543	11 404	11 448	11 309	11 268
(No tire deflection)	lb	25,625	25,322	25,448	25,143	25,240	24,933	24,843
Breakout Force (§)	kN	182	181	176	175	169	168	159
Dicarout Force (g)	lbf	41,030	40,777	39,622	39,369	38,123	37,871	35,776
Operating Weight*		20 869	20 977	20 913	21 021	20 967	21 075	20 993
Operating weight.	kg			+				÷
	lb	46,007	46,245	46,104	46,342	46,223	46,461	46,280

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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			Flat Floor – H	ook-On — Fusion				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments			
Capacity – Rated	$m^3$	3.60	3.60	3.80	3.80			
	$yd^3$	4.75	4.75	5.00	5.00			
Capacity – Rated at 110% Fill Factor	$m^3$	4.00	4.00	4.20	4.20			
	$yd^3$	5.25	5.25	5.50	5.50			
Width	mm	2927	2994	2927	2994			
	ft/in	9'7"	9'9"	9'7"	9'9"			
16† Dump Clearance at Maximum Lift	mm	3177	3052	3141	3016			
and 45° Discharge	ft/in	10'5"	10'0"	10'3"	9'10"			
17† Reach at Maximum Lift and	mm	1522	1624	1558	1660			
45° Discharge	ft/in	4'11"	5'3"	5'1"	5'5"			
Reach at Level Lift Arm and	mm	3257	3418	3308	3469			
Bucket Level	ft/in	10'8"	11'2"	10'10"	11'4"			
A† Digging Depth	mm	109	109	109	109			
	in	4.3"	4.3"	4.3"	4.3"			
12† Overall Length	mm	9152	9323	9203	9374			
	ft/in	30'1"	30'8"	30'3"	30'10"			
B† Overall Height with Bucket at	mm	6134	6134	6187	6187			
Maximum Lift	ft/in	20'2"	20'2"	20'4"	20'4"			
Loader Clearance Circle Radius	mm	6994	7087	7011	7104			
with Bucket at Carry Position	ft/in	23'0"	23'3"	23'1"	23'4"			
Static Tipping Load, Straight	kg	12 255	12 118	12 156	12 019			
(With tire deflection)	lb	27,018	26,716	26,801	26,497			
Static Tipping Load, Straight	kg	12 889	12 751	12 792	12 653			
(No tire deflection)	lb	28,415	28,111	28,202	27,896			
Static Tipping Load,	kg	10 368	10 231	10 274	10 136			
Articulated (With tire deflection)	lb	22,857	22,555	22,651	22,348			
Static Tipping Load, Articulated	kg	11 024	10 886	10 932	10 794			
(No tire deflection)	lb	24,304	24,000	24,103	23,797			
Breakout Force(§)	kN	168	167	162	161			
	lbf	37,903	37,651	36,515	36,263			
Operating Weight*	kg	21 355	21 463	21 409	21 517			
	lb	47,080	47,318	47,199	47,437			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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 Dum	p – Pin-On		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m <sup>3</sup>	5.10	6.10	7.60	9.20	
	$yd^3$	6.75	8.00	10.00	12.00	
Capacity – Rated at 110% Fill Factor	m³	5.60	6.70	8.40	10.10	
	$yd^3$	7.25	8.75	11.00	13.25	
Width	mm	3029	3037	3350	3350	
	ft/in	9'11"	9'11"	10'11"	10'11"	
6† Dump Clearance at Maximum Height	mm	5014	4979	4902	4731	
and High Dump Fully Rolled Out (48°)	ft/in	16'5"	16'3"	16'1"	15'5"	
7† Reach at Maximum Height and High	mm	1818	1857	1925	2078	
Dump Fully Rolled Out (48°)	ft/in	5'10"	6'1"	6'3"	6'8"	
Reach at Level Lift Arm and	mm	3582	3753	3853	4053	
Bucket Level	ft/in	11'9"	12'3"	12'7"	13'3"	
A† Digging Depth	mm	102	79	79	79	
	in	4"	3.1"	3.1"	3.1"	
2† Overall Length	mm	9472	9648	9748	9948	
	ft/in	31'1"	31'8"	32'0"	32'8"	
B† Overall Height at Maximum Height and	mm	7135	7288	7278	7432	
High Dump Fully Rolled Out (48°)	ft/in	23'4"	23'10"	23'9"	24'4"	
Loader Clearance Circle Radius	mm	7153	7221	7389	7460	
with Bucket at Carry Position	ft/in	23'6"	23'9"	24'3"	24'6"	
Static Tipping Load, Straight	kg	11 468	11 227	10 915	10 592	
(With tire deflection)	lb	25,282	24,752	24,065	23,352	
Static Tipping Load, Straight	kg	12 108	11 893	11 582	11 263	
(No tire deflection)	lb	26,695	26,221	25,535	24,831	
Static Tipping Load,	kg	9633	9377	9076	8771	
Articulated (With tire deflection)	lb	21,237	20,674	20,010	19,338	
Static Tipping Load, Articulated	kg	10 296	10 066	9766	9465	
(No tire deflection)	lb	22,700	22,193	21,531	20,867	
Breakout Force(§)	kN	133	126	118	105	
	lbf	29,989	28,350	26,543	23,703	
Operating Weight*	kg	21 621	21 953	22 182	22 355	
	lb	47,664	48,396	48,901	49,283	

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	6.10	7.60	9.20
	$yd^3$	8.00	10.00	12.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	6.70	8.40	10.10
	$yd^3$	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
16† Dump Clearance at Maximum Height	mm	4959	4956	4785
and High Dump Fully Rolled Out (48°)	ft/in	16'3"	16'3"	15'7"
17† Reach at Maximum Height and High	mm	1977	1962	2115
Dump Fully Rolled Out (48°)	ft/in	6'5"	6'4"	6'9"
Reach at Level Lift Arm and	mm	3817	3918	4118
Bucket Level	ft/in	12'6"	12'10"	13'6"
A† Digging Depth	mm	109	79	79
	in	4.3"	3.1"	3.1"
2† Overall Length	mm	9712	9813	10 013
	ft/in	31'11"	32'3"	32'11"
<b>B</b> † Overall Height at Maximum Height and	mm	7277	7332	7486
High Dump Fully Rolled Out (48°)	ft/in	23'9"	24'1"	24'6"
Loader Clearance Circle Radius	mm	7234	7402	7473
with Bucket at Carry Position	ft/in	23'9"	24'4"	24'7"
Static Tipping Load, Straight	kg	10 221	10 281	9966
(With tire deflection)	1b	22,535	22,666	21,973
Static Tipping Load, Straight	kg	10 834	10 935	10 624
(No tire deflection)	lb	23,886	24,109	23,423
Static Tipping Load,	kg	8460	8467	8170
Articulated (With tire deflection)	1b	18,651	18,667	18,013
Static Tipping Load, Articulated	kg	9097	9144	8851
(No tire deflection)	1b	20,056	20,160	19,514
Breakout Force(§)	kN	114	113	101
	lbf	25,806	25,452	22,780
Operating Weight*	kg	22 530	22 749	22 921
	lb	49,668	50,151	50,530

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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)**

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

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, 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					General Purp	ose – Pin-C	)n		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments						
Capacity – Rated	m <sup>3</sup>	3.30	3.30	3.40	3.40	3.60	3.60	3.80	3.80
	$yd^3$	4.25	4.25	4.50	4.50	4.75	4.75	5.00	5.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.60	3.60	3.70	3.70	4.00	4.00	4.20	4.20
	$yd^3$	4.75	4.75	4.75	4.75	5.25	5.25	5.50	5.50
Width	mm	2927	2994	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
<b>16</b> † Dump Clearance at Maximum Lift	mm	3039	2921	3021	2902	2995	2875	2960	2840
and 45° Discharge	ft/in	9'11"	9'7"	9'10"	9'6"	9'9"	9'5"	9'8"	9'3"
17† Reach at Maximum Lift and	mm	1398	1508	1412	1522	1434	1543	1463	1572
45° Discharge	ft/in	4'7"	4'11"	4'7"	4'11"	4'8"	5'0"	4'9"	5'1"
Reach at Level Lift Arm and	mm	2841	3002	2865	3026	2900	3061	2946	3107
Bucket Level	ft/in	9'3"	9'10"	9'4"	9'11"	9'6"	10'0"	9'7"	10'2"
A† Digging Depth	mm	103	103	103	103	103	103	103	103
. 65 5 1	in	4"	4"	4"	4"	4"	4"	4"	4"
12† Overall Length	mm	8681	8854	8705	8878	8740	8913	8786	8959
· ·	ft/in	28'6"	29'1"	28'7"	29'2"	28'9"	29'3"	28'10"	29'5"
<b>B</b> † Overall Height with Bucket at	mm	5773	5773	5798	5798	5832	5832	5879	5879
Maximum Lift	ft/in	19'0"	19'0"	19'1"	19'1"	19'2"	19'2"	19'4"	19'4"
Loader Clearance Circle Radius	mm	6800	6886	6807	6894	6818	6905	6832	6919
with Bucket at Carry Position	ft/in	22'4"	22'8"	22'4"	22'8"	22'5"	22'8"	22'5"	22'9"
Static Tipping Load, Straight	kg	14 802	14 662	14 754	14 614	14 676	14 535	14 567	14 425
(With tire deflection)	lb	32,633	32,324	32,529	32,218	32,357	32,045	32,116	31,802
Static Tipping Load, Straight	kg	15 621	15 479	15 575	15 432	15 498	15 355	15 391	15 247
(No tire deflection)	lb	34,439	34,126	34,336	34,023	34,168	33,853	33,932	33,615
Static Tipping Load,	kg	12 653	12 513	12 608	12 467	12 535	12 393	12 432	12 289
Articulated (With tire deflection)	lb	27,897	27,587	27,797	27,486	27,635	27,323	27,408	27,094
Static Tipping Load, Articulated	kg	13 490	13 348	13 446	13 304	13 375	13 232	13 273	13 130
(No tire deflection)	lb	29,741	29,429	29,644	29,331	29,486	29,171	29,263	28,947
Breakout Force(§)	kN	189	188	185	184	180	179	174	173
,	lbf	42,503	42,264	41,695	41,456	40,566	40,327	39,159	38,920
Operating Weight*	kg	20 748	20 856	20 772	20 880	20 809	20 917	20 863	20 971
	lb	45,742	45,980	45,795	46,033	45,875	46,113	45,995	46,234

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

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

<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 – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments			
Capacity – Rated	$m^3$	3.60	3.60	3.80	3.80			
	$yd^3$	4.75	4.75	5.00	5.00			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00	4.20	4.20			
	$yd^3$	5.25	5.25	5.50	5.50			
Width	mm	2927	2994	2927	2994			
	ft/in	9'7"	9'9"	9'7"	9'9"			
<b>16</b> † Dump Clearance at Maximum Lift	mm	2955	2835	2920	2800			
and 45° Discharge	ft/in	9'8"	9'3"	9'6"	9'2"			
17† Reach at Maximum Lift and	mm	1479	1588	1508	1617			
45° Discharge	ft/in	4'10"	5'2"	4'11"	5'3"			
Reach at Level Lift Arm and	mm	2960	3121	3006	3167			
Bucket Level	ft/in	9'8"	10'2"	9'10"	10'4"			
A† Digging Depth	mm	103	103	103	103			
	in	4"	4"	4"	4"			
12† Overall Length	mm	8800	8973	8846	9019			
	ft/in	28'11"	29'6"	29'1"	29'8"			
B† Overall Height with Bucket at	mm	5866	5866	5913	5913			
Maximum Lift	ft/in	19'3"	19'3"	19'5"	19'5"			
Loader Clearance Circle Radius	mm	6833	6921	6848	6936			
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'6"	22'10"			
Static Tipping Load, Straight	kg	14 095	13 954	13 999	13 858			
(With tire deflection)	lb	31,075	30,764	30,864	30,552			
Static Tipping Load, Straight	kg	14 905	14 763	14 811	14 668			
(No tire deflection)	lb	32,861	32,547	32,654	32,338			
Static Tipping Load,	kg	11 985	11 844	11 895	11 753			
Articulated (With tire deflection)	lb	26,423	26,112	26,224	25,912			
Static Tipping Load, Articulated	kg	12 813	12 671	12 726	12 582			
(No tire deflection)	lb	28,249	27,936	28,056	27,740			
Breakout Force(§)	kN	172	171	166	165			
	lbf	38,782	38,543	37,489	37,251			
Operating Weight*	kg	21 253	21 361	21 298	21 406			
	lb	46,854	47,092	46,953	47,191			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

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

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

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

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

Linkage		Aggregate Handler								
Bucket Type		Flat Floor – Pin-On								
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments			
Capacity – Rated	$m^3$	3.40	3.40	3.60	3.60	3.80	3.80			
	$yd^3$	4.50	4.50	4.75	4.75	5.00	5.00			
Capacity – Rated at 110% Fill Factor	$m^3$	3.70	3.70	4.00	4.00	4.20	4.20			
	$yd^3$	4.75	4.75	5.25	5.25	5.50	5.50			
Width	mm	2927	2994	2927	2994	2927	2994			
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"			
<b>16</b> † Dump Clearance at Maximum Lift	mm	2963	2837	2931	2806	2895	2770			
and 45° Discharge	ft/in	9'8"	9'3"	9'7"	9'2"	9'5"	9'1"			
17† Reach at Maximum Lift and	mm	1346	1448	1378	1480	1414	1516			
45° Discharge	ft/in	4'5"	4'9"	4'6"	4'10"	4'7"	4'11"			
Reach at Level Lift Arm and	mm	2875	3036	2920	3081	2971	3132			
Bucket Level	ft/in	9'5"	9'11"	9'6"	10'1"	9'8"	10'3"			
A† Digging Depth	mm	103	103	103	103	103	103			
	in	4"	4"	4"	4"	4"	4"			
12† Overall Length	mm	8715	8888	8760	8933	8811	8984			
Overall Length	ft/in	28'8"	29'2"	28'9"	29'4"	28'11"	29'6"			
<b>B</b> † Overall Height with Bucket at	mm	5768	5768	5816	5816	5864	5864			
Maximum Lift	ft/in	19'0"	19'0"	19'1"	19'1"	19'3"	19'3"			
Loader Clearance Circle Radius	mm	6810	6897	6824	6911	6840	6927			
with Bucket at Carry Position	ft/in	22'5"	22'8"	22'5"	22'9"	22'6"	22'9"			
Static Tipping Load, Straight	kg	14 589	14 450	14 492	14 352	14 380	14 239			
(With tire deflection)	lb	32,165	31,857	31,951	31,641	31,702	31,391			
Static Tipping Load, Straight	kg	15 389	15 248	15 294	15 152	15 183	15 041			
(No tire deflection)	lb	33,927	33,617	33,718	33,405	33,474	33,159			
Static Tipping Load,	kg	12 467	12 327	12 375	12 235	12 269	12 128			
Articulated (With tire deflection)	lb	27,485	27,177	27,284	26,974	27,050	26,738			
Static Tipping Load, Articulated	kg	13 285	13 144	13 196	13 054	13 092	12 949			
(No tire deflection)	lb	29,288	28,978	29,092	28,779	28,862	28,548			
Breakout Force(§)	kN	184	182	177	176	170	169			
	lbf	41,357	41,118	39,939	39,700	38,428	38,189			
Operating Weight*	kg	20774	20882	20 818	20 926	20 872	20 980			
	lb	45,799	46,037	45,895	46,133	46,014	46,253			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

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

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

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

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

Linkage		Aggregate Handler						
Bucket Type		Flat Floor – Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments			
Capacity – Rated	$m^3$	3.60	3.60	3.80	3.80			
	$yd^3$	4.75	4.75	5.00	5.00			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00	4.20	4.20			
	$yd^3$	5.25	5.25	5.50	5.50			
Width	mm	2927	2994	2927	2994			
	ft/in	9'7"	9'9"	9'7"	9'9"			
16† Dump Clearance at Maximum Lift	mm	2889	2763	2836	2710			
and 45° Discharge	ft/in	9'5"	9'0"	9'3"	8'10"			
17† Reach at Maximum Lift and	mm	1420	1522	1473	1575			
45° Discharge	ft/in	4'7"	4'11"	4'10"	5'2"			
Reach at Level Lift Arm and	mm	2980	3141	3055	3216			
Bucket Level	ft/in	9'9"	10'3"	10'0"	10'6"			
A† Digging Depth	mm	103	103	103	103			
	in	4"	4"	4"	4"			
12† Overall Length	mm	8820	8993	8895	9068			
	ft/in	29'0"	29'7"	29'3"	29'9"			
<b>B</b> † Overall Height with Bucket at	mm	5845	5845	5910	5910			
Maximum Lift	ft/in	19'3"	19'3"	19'5"	19'5"			
Loader Clearance Circle Radius	mm	6840	6928	6864	6952			
with Bucket at Carry Position	ft/in	22'6"	22'9"	22'7"	22'10"			
Static Tipping Load, Straight	kg	13 920	13 780	13 575	13 436			
(With tire deflection)	lb	30,690	30,381	29,929	29,622			
Static Tipping Load, Straight	kg	14 711	14 570	14 348	14 207			
(No tire deflection)	lb	32,432	32,121	31,632	31,322			
Static Tipping Load,	kg	11 834	11 694	11 523	11 384			
Articulated (With tire deflection)	lb	26,090	25,782	25,405	25,097			
Static Tipping Load, Articulated	kg	12 644	12 503	12 316	12 175			
(No tire deflection)	lb	27,875	27,564	27,152	26,841			
Breakout Force(§)	kN	170	168	160	159			
	lbf	38,207	37,968	36,152	35,913			
Operating Weight*	kg	21 261	21 369	21 367	21 475			
	lb	46,871	47,110	47,105	47,343			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

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

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

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

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

Linkage		Aggregate Handler						
Bucket Type		High Dump — Pin-On						
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	5.10	6.10	7.60	9.20			
	$yd^3$	6.75	8.00	10.00	12.00			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.60	6.70	8.40	10.10			
	$yd^3$	7.25	8.75	11.00	13.25			
Width	mm	3029	2910	3350	3350			
	ft/in	9'11"	9'6"	10'11"	10'11"			
6† Dump Clearance at Maximum Height	mm	4714	4678	4601	4429			
and High Dump Fully Rolled Out (49°)	ft/in	15'5"	15'3"	15'1"	14'5"			
<b>7</b> † Reach at Maximum Height and High	mm	1721	1760	1828	1979			
Dump Fully Rolled Out (49°)	ft/in	5'6"	5'8"	5'10"	6'5"			
Reach at Level Lift Arm and	mm	3305	3408	3576	3776			
Bucket Level	ft/in	10'10"	11'2"	11'8"	12'4"			
A† Digging Depth	mm	96	170	73	73			
	in	3.7"	6.7"	2.9"	2.9"			
2† Overall Length	mm	9140	9294	9416	9616			
	ft/in	30'0"	30'6"	30'11"	31'7"			
B† Overall Height at Maximum Height and	mm	6838	6990	6981	7135			
High Dump Fully Rolled Out (49°)	ft/in	22'4"	22'9"	22'9"	23'4"			
Loader Clearance Circle Radius	mm	6989	6999	7221	7289			
with Bucket at Carry Position	ft/in	23'0"	23'0"	23'9"	23'11"			
Static Tipping Load, Straight	kg	13 023	12 047	12 471	12 113			
(With tire deflection)	lb	28,712	26,561	27,494	26,705			
Static Tipping Load, Straight	kg	13 818	12 828	13 299	12 945			
(No tire deflection)	lb	30,464	28,282	29,321	28,540			
Static Tipping Load,	kg	11 001	10 066	10 444	10 108			
Articulated (With tire deflection)	lb	24,254	22,192	23,025	22,285			
Static Tipping Load, Articulated	kg	11 816	10 866	11 292	10 960			
(No tire deflection)	lb	26,050	23,957	24,895	24,164			
Breakout Force(§)	kN	134	125	119	106			
	lbf	30,232	28,177	26,770	23,909			
Operating Weight*	kg	21 526	22 288	22 087	22 260			
- <del>-</del>	lb	47,456	49,136	48,693	49,074			

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

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

<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		High Dump — Hook-On — Fusion						
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	$m^3$	6.10	7.60	9.20				
	$yd^3$	8.00	10.00	12.00				
Capacity – Rated at 110% Fill Factor	m³	6.70	8.40	10.10				
	$yd^3$	8.75	11.00	13.25				
Width	mm	3037	3350	3350				
	ft/in	9'11"	10'11"	10'11"				
6† Dump Clearance at Maximum Height	mm	4657	4655	4482				
and High Dump Fully Rolled Out (49°)	ft/in	15'3"	15'3"	14'7"				
7† Reach at Maximum Height and High	mm	1879	1865	2016				
Dump Fully Rolled Out (49°)	ft/in	6'2"	6'1"	6'6"				
Reach at Level Lift Arm and	mm	3540	3641	3841				
Bucket Level	ft/in	11'7"	11'11"	12'7"				
A† Digging Depth	mm	103	73	73				
	in	4"	2.9"	2.9"				
2† Overall Length	mm	9380	9481	9681				
· ·	ft/in	30'10"	31'2"	31'10"				
<b>B</b> † Overall Height at Maximum Height and	mm	6979	7034	7188				
High Dump Fully Rolled Out (49°)	ft/in	22'9"	23'1"	23'6"				
Loader Clearance Circle Radius	mm	7073	7243	7312				
with Bucket at Carry Position	ft/in	23'3"	23'10"	24'0"				
Static Tipping Load, Straight	kg	11 675	11 806	11 458				
(With tire deflection)	lb	25,740	26,028	25,262				
Static Tipping Load, Straight	kg	12 430	12 618	12 273				
(No tire deflection)	lb	27,404	27,819	27,058				
Static Tipping Load,	kg	9742	9809	9483				
Articulated (With tire deflection)	lb	21,477	21,626	20,908				
Static Tipping Load, Articulated	kg	10 518	10 641	10 319				
(No tire deflection)	lb	23,189	23,461	22,749				
Breakout Force(§)	kN	115	114	102				
	lbf	26,026	25,672	22,980				
Operating Weight*	kg	22 435	22 654	22 826				
	lb	49,460	49,943	50,322				

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

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

<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.

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

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

<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, counterweight, ride control, cold start, roading fenders, Product Link<sup>TM</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

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

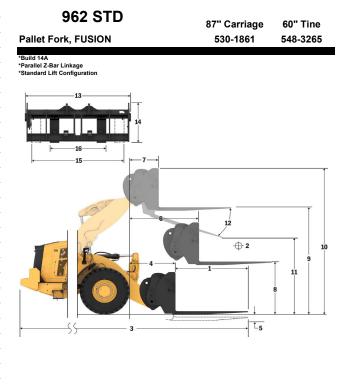
<sup>\*\*</sup>Aggregate Handler configuration is not compatible with rock buckets, and high lift.

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

### **Fork Specifications**

#### **Fork Specifications**

	opoomounomo		
1	Tine Length	mm in	1524 60.0
	1 1 01	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10449
	State ripping 2000 Straight (1 Sine 2010)	lbs	23030
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9009 19857
_		kg	4505
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9928
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5406
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	11914
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7208
	,	lbs	15885 9232
3	Maximum Overall Length	mm in	363.5
_		mm	1376
4	Reach with Forks at Ground Level	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-161
9	Ground to Bottom of Time at Minimum Height and Fork Level	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
	Trought Mary anno Fronzontal and Fonto 2010	in	72.8
7	Reach with Fork at Maximum Height	mm	971
		in	38.2 1769
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	69.6
_		mm	3920
9	Ground to Top of Tine at Maximum Height and Fork Level	in	154.3
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4695
-10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	184.9
11	Clearance at Full Lift and Max Dump	mm	2556
		in	100.6
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
		in	87.3
14	Overall Carriage Height	mm	840 33.1
		in mm	2070
15	Outside Tine Width (max spread)	in	81.5
40	Outside Tine Width (min spread)	mm	470
10	Outside Title Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	This Trial (onigio and)	in	5.9
	Tine Thickness	mm	65.0
_		in	2.6 6300
	Tine Capacity	kg lbs	13885
	0 6 90 11	kg	19792
	Operating Weight	lbs	43621

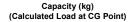


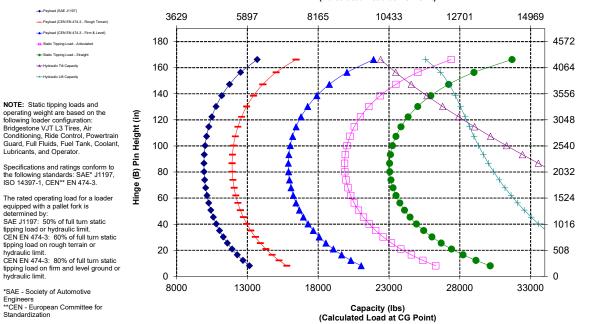
- Payload (CEN EN 474-3 - Rough Ter Payload (CEN EN 474-3 - Firm & Level)

Lubricants, and Operator.

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

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.

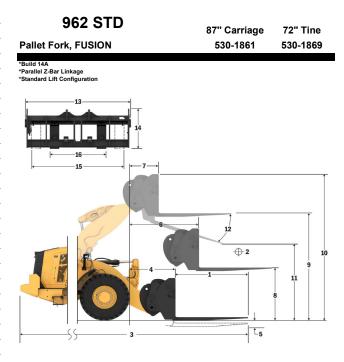
Hinge (B) Pin Height (mm)

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

#### **Fork Specifications**

#### **Fork Specifications**

	ik Opcomoduons		
1	Tine Length	mm in	1830 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9959
	Static Tipping Load - Straight (Forks Level)	lbs	21950
	Static Tipping Load - Articulated (Forks Level)	kg	8581
		lbs	18912
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4290
	<u> </u>	lbs kg	9456 5148
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11347
		kg	6865
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15129
3	Maximum Overall Length	mm	9538
	Maximum Overali Lengin	in	375.5
4	Reach with Forks at Ground Level	mm	1376
	Treadil Will Tolko at Ground Edver	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-161
_	<u> </u>	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
		in mm	72.8 971
7	Reach with Fork at Maximum Height	in	38.2
		mm	1769
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3920
	Ground to Top of Time at Maximum Fleight and Fork Level	in	154.3
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4695
		in	184.9
11	Clearance at Full Lift and Max Dump	mm	2337
	· · · · · · · · · · · · · · · · · · ·	in	92.0
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
	Overall Carriage Wilder	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
	Time Militab (-in-all- time)	mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
	THE THORNESS	in	2.6
	Tine Capacity	kg	5246
	This Capacity	lbs	11562
	Operating Weight	kg	19839
		lbs	43724



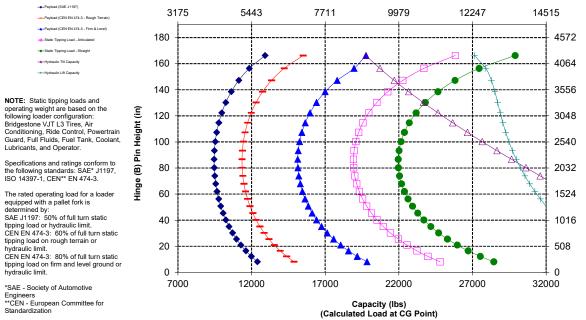
Hinge (B) Pin Height (mm)

--- 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

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



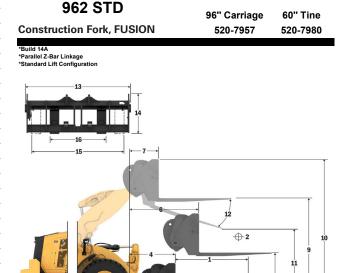


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

#### **Fork Specifications**

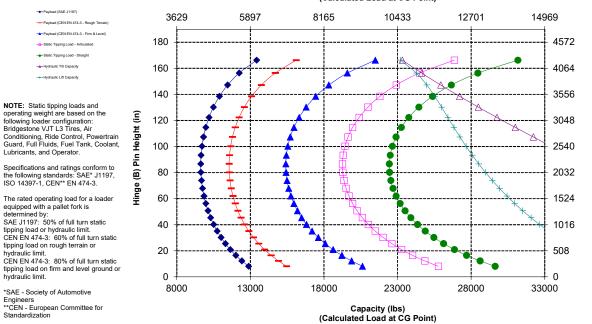
	opeoinounene		
1	Tine Length	mm in	1524 60.0
_	1 10 1	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10179
	Otatio Tipping Load - Ottaignt (1 Onto Lovel)	lbs	22433
	Static Tipping Load - Articulated (Forks Level)	kg	8735
	, ,	lbs kg	19252 4368
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9626
	D + 11	kg	5241
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11551
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6988
	Trated Load (CEN EN 474-51 IIIII and Level Gloding - 60 % 1 151E)	lbs	15402
3	Maximum Overall Length	mm	9189
		in	361.8
4	Reach with Forks at Ground Level	mm in	1333 52.5
		mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
_	Decelorable American Indiana del condition del Ferden Level	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	Treach with Fork at Maximum Fleight	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	· !	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
		mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
44	Clearance at Full Lift and Max Dump	mm	2500
11	Clearance at Full Lift and Max Dump	in	98.4
12	Max Discharge Angle from Horizontal	deg	52
	max biodiango / inglo nom rionbonian		
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
	0 + 11 T WENT / D	mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
10	Odiside Tille Width (Illin spread)	in	22.7
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	17800
	Tine Capacity	lbs	39231
	Operating Weight	ka	20167
	Operating Weight	lbs	44447



\*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.

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.

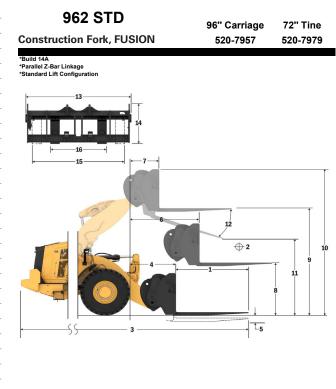
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for

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

#### **Fork Specifications**

Fork Specifications
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	ik Opecinications		
1	Tine Length	mm	1829 72.0
	Load Center	in mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9683
	otatio ripping zoda otaligin (romo zovor)	lbs	21341
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8300 18294
		kg	4150
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9147
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4980
	Trated Load (CEIV EIV 474-5 Trought Terraint - 00 /01 TOTE)	lbs	10977
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6640
	,	lbs mm	14635 9494
3	Maximum Overall Length	in	373.8
	D 1 31 E 1 10 11 1	mm	1333
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
	Ground to Bottom or Time at Minimum Fleight and Tork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
_		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
_		mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
	Glound to Top of Time at Maximum Height and Tork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in	199.5 2259
11	Clearance at Full Lift and Max Dump	mm in	88.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5 2178
15	Outside Tine Width (max spread)	mm in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Title Vitali (Single line)	in	7.1
	Tine Thickness	mm	90.0
_		in	3.5
	Tine Capacity	ka Ibs	14800 32619
_	0 " W ' 1 "	ka	20228
	Operating Weight	lbs	44581



Pin Height (mm)

Hinge (B)

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

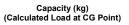
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricauts and Operator.

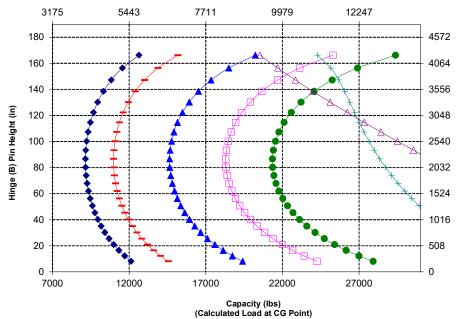
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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.



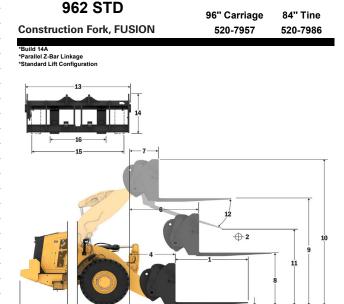




<sup>\*</sup>Negative values indicate below grade

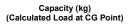
#### **Fork Specifications**

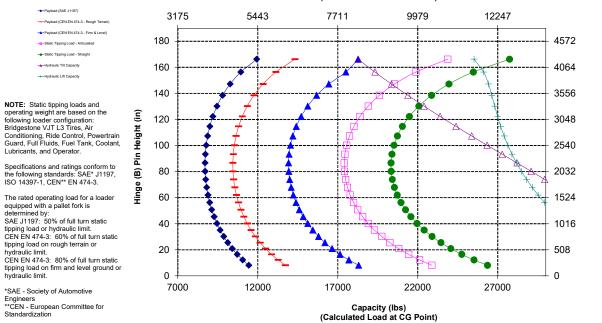
. •	opeomoune		
1	Tine Length	mm in	2134 84.0
_	Load Contar	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9221
	otatio ripping 2000 ottaigni (romo 2010)	lbs	20322
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7894 17399
		kg	3947
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8700
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4737
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	10440
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6316
		lbs	13920
3	Maximum Overall Length	mm in	9799
	<u> </u>	mm	385.8 1333
4	Reach with Forks at Ground Level	in	52.5
_	to	mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
	Treach with Annis Honzontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
		in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
_		mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2019
	Cloure and the art	in	79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
	O Toran Carrago Triasi	in	99.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Time Middle (main annual)	mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	This That (ongo the)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq lbs	12700 27991
	<b>a</b>	ka	20291
	Operating Weight	lbs	44720
			0



\*Negative values indicate below grade

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







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

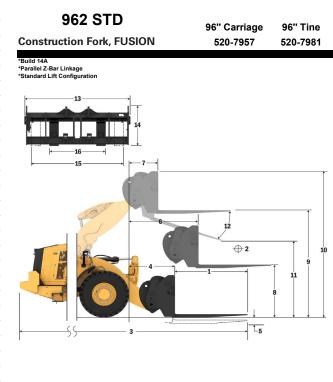
Lubricants, and Operator.

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

#### **Fork Specifications**

#### **Fork Specifications**

Tine Length Load Center Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	mm in mm in kg lbs kg lbs kg lbs kg lbs	2438 96.0 1219 48.0 8792 19378 7518 16569 3759 8285 4511
Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Rated Load (SAE J1197 - 50% FTSTL)	mm in kg lbs kg lbs kg lbs	1219 48.0 8792 19378 7518 16569 3759 8285 4511
Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Rated Load (SAE J1197 - 50% FTSTL)	in kg lbs kg lbs kg lbs	48.0 8792 19378 7518 16569 3759 8285 4511
Static Tipping Load - Articulated (Forks Level)  Rated Load (SAE J1197 - 50% FTSTL)	lbs kg lbs kg lbs kg lbs	19378 7518 16569 3759 8285 4511
Static Tipping Load - Articulated (Forks Level)  Rated Load (SAE J1197 - 50% FTSTL)	kg lbs kg lbs kg lbs	7518 16569 3759 8285 4511
Rated Load (SAE J1197 - 50% FTSTL)	lbs kg lbs kg lbs	16569 3759 8285 4511
	kg lbs kg lbs	3759 8285 4511
	lbs kg lbs	8285 4511
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4511
Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)		
	ka	9942
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		6014
Trained Estate (SELT ETT TO THIN data Estate Stoams South To TE)	lbs	1325
Maximum Overall Length	mm	1010
	in mm	397.7 1333
Reach with Forks at Ground Level	in	52.5
*O 11 D #	mm	-81
*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
Reach with Arms Horizontal and Forks Level	mm	1842
Treach with Annis Horizontal and Forks Level	in	72.5
Reach with Fork at Maximum Height	mm	963
	in	37.9
Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	in mm	73.8 4026
Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
Overall Height of Fork at Full Lift (tan of corrigge to ground)	mm	5066
Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
Clearance at Full Lift and Max Dump	mm	1779
Occurance at rail Ent and max bamp	in	70.0
2 Max Discharge Angle from Horizontal	deg	52
Overall Carriage Width	mm	2528
g	in	99.5
Overall Carriage Height	mm in	1130 44.5
	mm	2178
5 Outside Tine Width (max spread)	in	85.7
Outside Tine Width (min spread)	mm	576
Outside Title Width (Illin Spread)	in	22.7
Tine Width (single tine)	mm	180.0
	in	7.1
Tine Thickness	mm	90.0
	in ka	3.5 1130
Tine Capacity	lbs	2490
Operating Weight	ka	2035
Operating Weight	lbs	4485



Pin Height (mm)

Hinge (B)

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

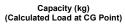
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator.

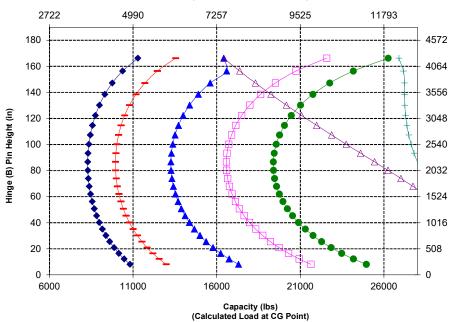
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\*\*CEN - European Committee for

Lubricants, and Operator.



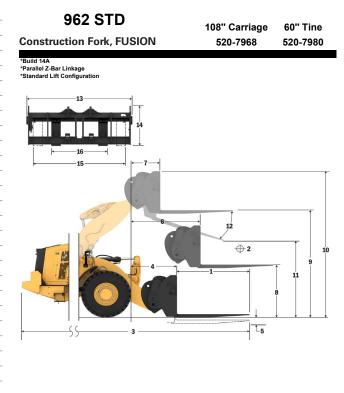




<sup>\*</sup>Negative values indicate below grade

#### **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	10143
		lbs kg	22355 8700
	Static Tipping Load - Articulated (Forks Level)	lbs	19174
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4350
	Nated Load (OAL 31187 - 30 %1 101L)	lbs	9587
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5220 11504
		kg	6960
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15339
3	Maximum Overall Length	mm	9189
	Maximum Overall Length	in	361.8
4	Reach with Forks at Ground Level	mm in	1333 52.5
		mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
	Neach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
		in mm	37.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
	Ordana to Top of Time at Maximum Holgin and Folk Edvor	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in mm	199.5 2500
11	Clearance at Full Lift and Max Dump	in	98.4
12	Max Discharge Angle from Horizontal	deg	52
	Max Bloomarge 7 trigie from Honzomar		
13	Overall Carriage Width	mm in	2833 111.5
	0 10 : 11:11	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	Catolas Tills Triall (max oproda)	in	97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	T M: 10 ( ) ( )	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	1815 118581555	in	3.5
	Tine Capacity	kq lbs	17800 39231
	0	ka	20216
	Operating Weight	lbs	44555



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

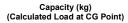
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator.

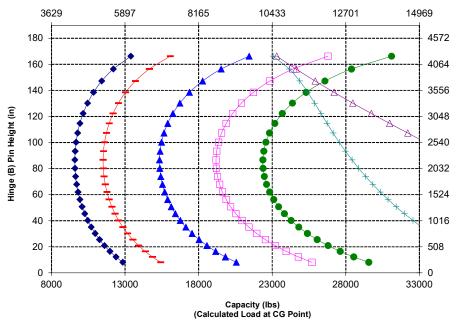
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WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Pin Height (mm)

Hinge (B)

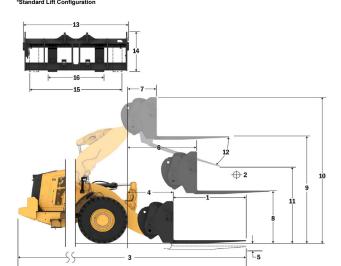
<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

#### **Fork Specifications**

. •	opeomoune		
1	Tine Length	mm in	1829 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9648
	Static Tipping Load - Straight (Forks Level)	lbs	21264
	Static Tipping Load - Articulated (Forks Level)	kg	8265
	11 5	lbs	18217
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4133 9109
		kg	4959
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10930
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6612
	Rated Load (CEN EN 474-3 FIIII and Level Glound - 60% F151L)	lbs	14574
3	Maximum Overall Length	mm	9494
	maximam overall congli	in	373.8
4	Reach with Forks at Ground Level	mm	1333 52.5
		in mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
_	D 1 21 A 11 1 1 1 1 1 1 1	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026
		mm	158.5 5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
44	Oleanne at Full Life and Mary Downs	mm	2259
11	Clearance at Full Lift and Max Dump	in	88.9
12	Max Discharge Angle from Horizontal	deg	52
12	Max Discharge Angle Iron Fronzontal		
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 Tine Width (min spread)	mm	590
10	Outside Title Width (Hill Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg lbs	14800 32619
	0 5 11111	ka	20278
	Operating Weight	lbs	44692





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.

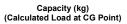
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

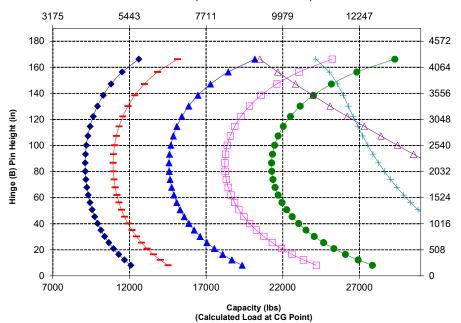
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on ground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

tipping load on firm and level ground or hydraulic limit.

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\*\*CEN - European Committee for

Lubricants, and Operator.

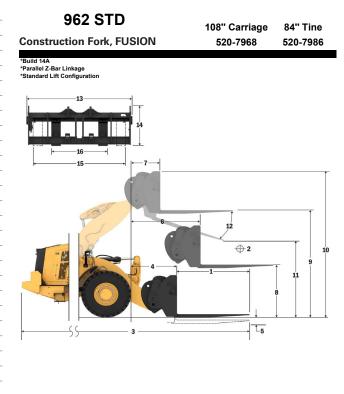




<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

	··· • p••······		
1	Tine Length	mm in	2134 84.0
_	1	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9188
	11 0 0 0 7	lbs kg	20250 7862
	Static Tipping Load - Articulated (Forks Level)	lbs	17328
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3931
	Traica Edda (G/IE 01107 - 00/01 1012)	lbs	8664
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4717 10397
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6290
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F151L)	lbs	13862
3	Maximum Overall Length	mm	9799
		in mm	385.8 1333
4	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
-	Ground to Bottom of Time at Millimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
_		in mm	72.5 963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	Glound to Top of Title with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
40	O	mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2019
	<u> </u>	in	79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
		in	111.5 1130
14	Overall Carriage Height	mm in	44.5
4 =	Outside Tine Width (max spread)	mm	2483
15	Outside Tifle Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
		in mm	23.2 180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq lbs	12700 27991
	O	ka	20340
	Operating Weight	lbs	44828



\*Negative values indicate below grade

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

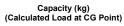
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator.

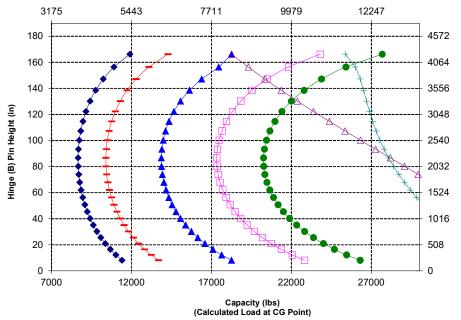
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Lubricants, and Operator.



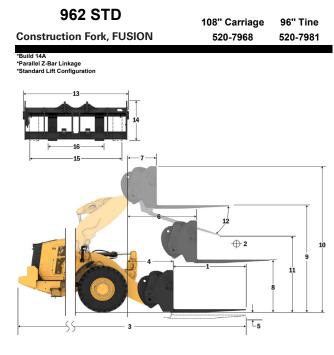


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### **Fork Specifications**

#### **Fork Specifications**

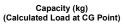
. •	in opecinications		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8760
		lbs	19307 7486
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	16498
		kg	3743
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8249
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4491
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	9899
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5988
	Traise Essas (SETT ETT III TOT IIII and Estat Stoand Stoand Stoand Stoand	lbs	13199
3	Maximum Overall Length	mm	10103
		in mm	397.7 1333
4	Reach with Forks at Ground Level	in	52.5
_		mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
_	Decelorable Americal Indicated and Ended Level	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	Treach with Fork at Maximum Fleight	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
_		in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026 158.5
	<u> </u>	in mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
	0	mm	1779
11	Clearance at Full Lift and Max Dump	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
12	Wax Discharge Angle Iron Fronzontal		
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 (outside several))	mm	590
10	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Thie Width (Single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	11300
_		lbs ka	24905 20403
	Operating Weight	lbs	44967
_		IDS	44967

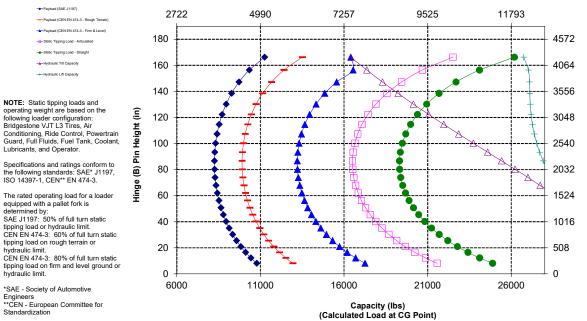


Hinge (B) Pin Height (mm)

\*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.

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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.

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\*\*CEN - European Committee for

#### **Material Handling Arm Specifications**

**Construction Fork, FUSION** 

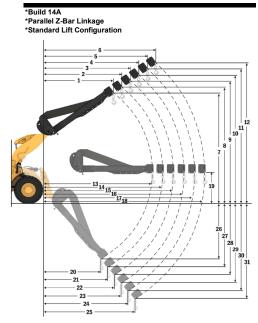
962 STD

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Material Handling Arm, FUSION

6 Position

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
17. 11. 15. 11. 11. 11. 11. 11. 11. 11. 11	mm	2,386	2,539	2,692	2,845	2,998	3,151
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	7' 9"	8' 3"	8' 9"	9' 4"	9' 10"	10' 4"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	6,963	7,226	7,490	7,754	8,017	8,281
Max Lift - Hook Eyelet Height (7, 6, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 6"	25' 5"	26' 3"	27' 2"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,708	5,013	5,317	5,622	5,927	6,232
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 16)	ft, in	15' 5"	16' 5"	17' 5"	18' 5"	19' 5"	20' 5"
Level - Hook Eyelet Height (19)	mm	1,839	1,839	1,839	1,839	1,839	1,839
Level - Hook Eyelet Height (19)	ft, in	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	2,511	2,688	2,866	3,043	3,221	3,399
Min Litt - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"
mi in Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)		(2,614)	(2,862)	(3,109)	(3,357)	(3,605)	(3,852)
Min Litt - Hook Eyelet Height (26, 27, 26, 29, 30, 31)	ft, in	-8' 5"	-9' 7"	-10' 9"	-11' 11"	-11' 2"	-12' 4"
Static Tipping Load, Straight	kg	6,554	6,205	5,890	5,604	5,344	5,107
Static Tipping Load, Straight	lb	14,446	13,675	12,981	12,351	11,779	11,255
Static Tipping Load, Articulated	kg	5,665	5,362	5,088	4,841	4,616	4,410
Static Tipping Load, Articulated	lb	12,485	11,817	11,215	10,669	10,173	9,719
Operating Weight	kg	19,550	19,550	19,550	19,550	19,550	19,550
Operating Weight	lb	43,087	43,087	43,087	43,087	43,087	43,087



# ■ Retracted ■ Extension 1 ■ Extension 2 ■ Extension 3 ■ Extension 4 ■ Extended NOTE: Static tipping loads and

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.

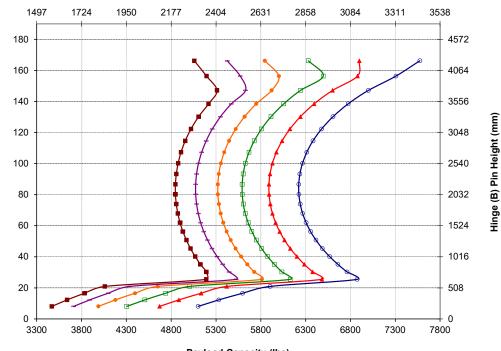
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1 Hinge (B) Pin Height (in)

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

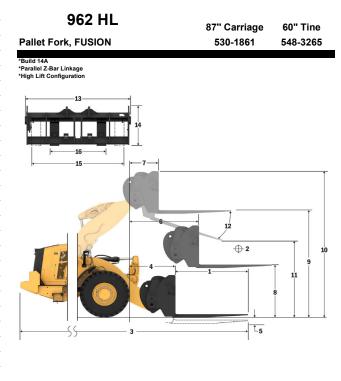
#### Payload Capacity (kg) (Calculated Load at CG Point)



#### **Fork Specifications**

#### **Fork Specifications**

	ik Opcomoduona		
1	Tine Length	mm	1524 60.0
		in mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10229
	Otatic Tipping Load - Otraignt (Forks Lever)	lbs	22546
	Static Tipping Load - Articulated (Forks Level)	kg	8766
	11 5 7	lbs	19320
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4383 9660
		kg	5259
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11592
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7013
	Nated Load (CEN EN 474-3 Film and Level Glound - 80 % F131L)	lbs	15456
3	Maximum Overall Length	mm	9617
	maximam overall congli	in	378.6
4	Reach with Forks at Ground Level	mm	1699
_		in	66.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-167 -6.6
_		mm	2127
6	Reach with Arms Horizontal and Forks Level	in	83.7
7	Reach with Fork at Maximum Height	mm	1072
′	Reach with Fork at Maximum Height	in	42.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1769
	Cround to 10p or this man rame riorizontal and 1 on 2010	in	69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4209
	<u> </u>	in mm	165.7 4984
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	196.2
	0	mm	2884
11	Clearance at Full Lift and Max Dump	in	113.5
12	Max Discharge Angle from Horizontal	deg	44
-12	Wax Discharge Angle Iron Honzontal		
13	Overall Carriage Width	mm	2217
_		in	87.3
14	Overall Carriage Height	mm in	840 33.1
		mm	2070
15	Outside Tine Width (max spread)	in	81.5
40	Outside Tine Width (min spread)	mm	470
10	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	This Trial (onigio and)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6 6300
	Tine Capacity	kg lbs	13885
	0 E W. H.	kg	20463
	Operating Weight	lbs	45101



(B) Pin Height (mm)

-Payload (CEN EN 474-3 - Rough Terrain

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

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



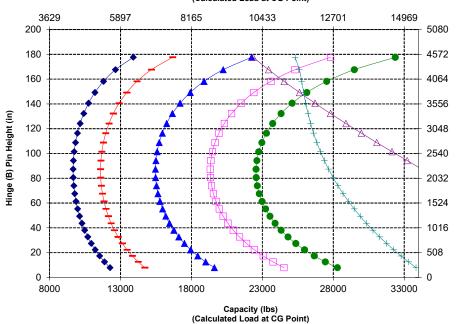
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lutricater, and Operator. Lubricants, and Operator.

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 groups the static tipping load on the static limit.

tipping load on firm and level ground or hydraulic limit.

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

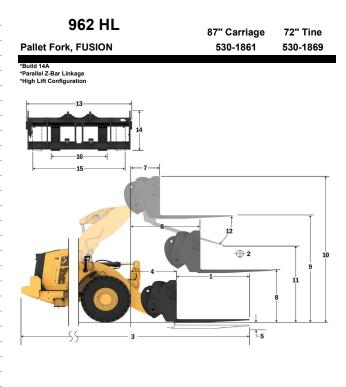




<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

	ik Opecinications		
1	Tine Length	mm in	1830 72.0
_	1	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9779
		lbs	21554
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8373 18455
_	D + 11	kg	4187
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9228
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5024
	Trace Load (OLIVEIV 474-0 Trough Tenam - 00701 TOTE)	lbs	11073
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6699 14764
	<u> </u>	lbs mm	9923
3	Maximum Overall Length	in	390.7
4	Reach with Forks at Ground Level	mm	1699
4	Reach with Forks at Ground Level	in	66.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-167
	Ground to Bottom of time at william freight and fork Edver	in	-6.6
6	Reach with Arms Horizontal and Forks Level	mm	2127
		in	83.7 1072
7	Reach with Fork at Maximum Height	mm in	42.2
_	0 11 T (T 31 A 11 : 11 15 11 1	mm	1769
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4209
	Ordana to Top of Time at Maximum Holght and Folk 2010	in	165.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4984 196.2
		mm	2672
11	Clearance at Full Lift and Max Dump	in	105.2
42	Max Discharge Angle from Horizontal		44
-12	Max Discharge Angle Iron Horizontal	deg	
13	Overall Carriage Width	mm	2217
_	· · · ·	in	87.3
14	Overall Carriage Height	mm in	840 33.1
		mm	2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Outside Time Width (mini-spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	· · · · · · · · · · · · · · · · · · ·	in	5.9 65.0
	Tine Thickness	mm in	2.6
	T 0 "	kg	5246
	Tine Capacity	lbs	11562
	Operating Weight	kg	20510
	Operating Weight	lbs	45204

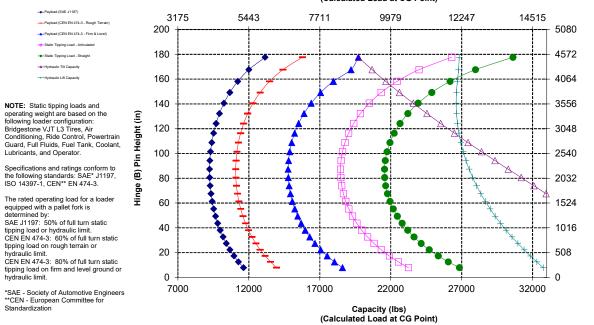


Payload (CEN EN 474-3 - Firm & Level

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.

Pin Height (mm)

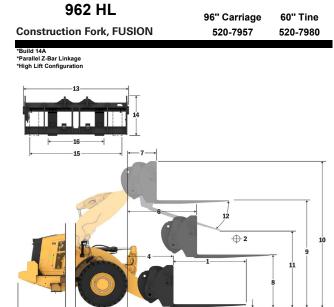
<u>@</u> Hinge (

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

#### **Fork Specifications**

#### **Fork Specifications**

	opeomeanere		
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	9951
	,	lbs ka	21931 8483
	Static Tipping Load - Articulated (Forks Level)	lbs	18697
	D-4-414 (OAE 14407, FOO/ ETOTI.)	kg	4242
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9349
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5090
	rtaica coad (OCIV CIV 474-0 rtough romain - 00 /01 rolle)	lbs	11218
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6787
	,	lbs mm	14958 9577
3	Maximum Overall Length	in	377.1
_	Barack with Fadra at Orangel Land	mm	1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
_	Cloude to Bottom of Time at William Theight and Tork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
_		in	83.4
7	Reach with Fork at Maximum Height	mm in	1064 41.9
_		mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
	Ground to Top of Time at Maximum Fleight and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355
		in	210.8
11	Clearance at Full Lift and Max Dump	mm	2823 111.1
	<u> </u>	in	
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Tine Width (min spread)	mm	576
10	Outside Tine Width (Milh spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	···- ·· (-···g·- ···-)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 17800
	Tine Capacity	ka lbs	39231
	O	ka	20838
	Operating Weight	lbs	45927



Ĺ<sub>5</sub>

Hinge (B) Pin Height (mm)

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



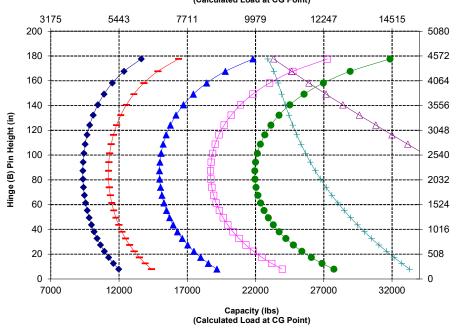
Lubricants, and Operator.

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

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

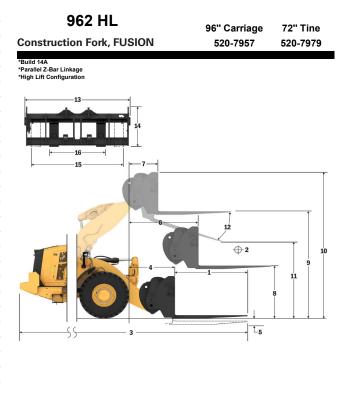




<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

	nk opecinications		
1	Tine Length	mm in	1829 72.0
_	1 10 1	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9495
	Static Tipping Load - Straight (Forks Lever)	lbs	20926
	Static Tipping Load - Articulated (Forks Level)	kg	8085
	State Tipping Load Tracalated (Ferre Level)	lbs	17819
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4043
		lbs kg	8910 4851
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10692
		kg	6468
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14256
3	Maximum Overall Length	mm	9882
3	Maximum Overali Lengin	in	389.1
4	Reach with Forks at Ground Level	mm	1659
	Treach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
	Ordana to Bottom of Timo at miniman Froight and Fork 2070.	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
		in	83.4
7	Reach with Fork at Maximum Height	mm	1064
	<u> </u>	in mm	41.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
_		mm	4315
9	Ground to Top of Tine at Maximum Height and Fork Level	in	169.9
40	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355
10	Overall neight of Fork at Full Lift (top of carnage to ground)	in	210.8
11	Clearance at Full Lift and Max Dump	mm	2589
	Clearance at Full Lift and Max Dump	in	101.9
12	Max Discharge Angle from Horizontal	deg	50
	Wax Districting 7 (rigid from Fronzontal)		
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	O. 4-14- Ti Width (i	mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Tille Wider (Single tille)	in	7.1
	Tine Thickness	mm	90.0
	***************************************	in	3.5
	Tine Capacity	ka	14800
	· 1 · V	lbs	32619
	Operating Weight	kq	20899
	• •	lbs	46061

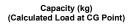


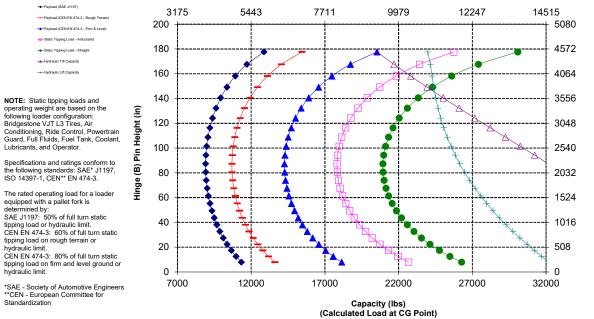
- Payload (CEN EN 474-3 - Rough Ter

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)







Standardization

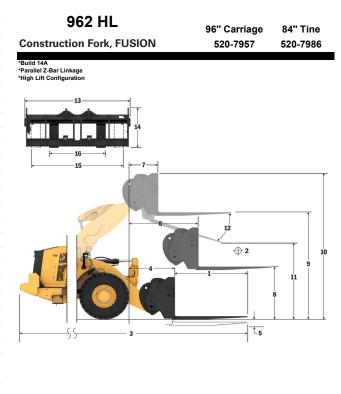
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

#### **Fork Specifications**

#### **Fork Specifications**

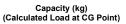
Static Tipping Load - Articulated (Forks Level)   kg 1994		ik Opecinications		
2   Load Center	1	Tine Length		
Static Tipping Load - Straight (Forks Level)		1 1 0		
Static Tipping Load - Straight (Forks Level)   bs   19984	2	Load Center		
Static Tipping Load - Articulated (Forks Level)   Right   Roger   Ro		Static Tipping Load - Straight (Forks Level)		
Rated Load (SAE J1197 - 50% FTSTL)   Ibs   16994   Rated Load (SAE J1197 - 50% FTSTL)   Ibs   8497   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rq   4626   Ibs   10197   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq   6169   Ibs   10367   1037   10387		Citatio Tipping Load - Citatignt (1 Citto Level)		19984
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Bis   8497		· · · · · · · · · · · · · · · · · · ·		
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   10197				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   kg   6189   lbs   13583   lbs   1358		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
Bis   13595		D-4-414 (OFN EN 474 0 Firm411 O4 000/ FTOTI )		
Maximum Overall Length   In   401.1		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% F1S1L)		13595
Reach with Forks at Ground Level   mm   165.3   mm   401.1   mm   65.3   mm   66.3   mm   65.3   mm   66.3   mm   65.3   mm   66.3   mm   61.3   mm	-	Maximum Ovorall Langth	mm	10187
Reach with Forks at Ground Level   in 65.3   mm -86   mm -86   mm -3.4   mm -3.5   m		Maximum Overali Lengui	in	
1	4	Reach with Forks at Ground Level	mm	
Forume to Bottom of Time at Minimum Height and Fork Level   m   -3.4 mm   2119 mm		Trought Will 1 onto at Ground Eever		
Reach with Arms Horizontal and Forks Level   mm   21.4   mm   21.8   mm   21.9   mm   21	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
6         Reach with Fork at Maximum Height         in         83.4           7         Reach with Fork at Maximum Height         mm         108.4           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm         187.4           9         Ground to Top of Tine at Maximum Height and Fork Level         mm         4315           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm         5355           11         Clearance at Full Lift and Max Dump         mm         2355           12         Max Discharge Angle from Horizontal         deg         50           13         Overall Carriage Width         mm         2528           14         Overall Carriage Height         in         44.5           15         Outside Tine Width (max spread)         mm         177           16         Outside Tine Width (min spread)         mm         180.0           Tine Width (single tine)         mm         180.0           Tine Capacity         kq         20962				
7         Reach with Fork at Maximum Height         mm 1064 in 41). 41         41.9           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 1874 in 73.8           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 4315 in 169.9           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 536.0           11         Clearance at Full Lift and Max Dump         mm 210.8           12         Max Discharge Angle from Horizontal         deg 50           13         Overall Carriage Width         mm 2528           14         Overall Carriage Height         mm 2178           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         7.1           19         Tine Capacity         mm 90.0           10         10         2792.1	6	Reach with Arms Horizontal and Forks Level		
Reacti with Fork at waximith Height   in   41.9   mm   1874   mm   73.8   mm   4315   mm				
8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm / 1874 in 73.8 mm         4315 in 73.8 mm           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 4315 in 169.9 mm         4315 in 169.9 mm           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 530.8 mm         169.9 mm           11         Clearance at Full Lift and Max Dump         mm 20.2 mm         20.2 mm           12         Max Discharge Angle from Horizontal         deg 50           13         Overall Carriage Width         mm 2528 in 99.5 mm         99.5 mm           14         Overall Carriage Height         mm 1130 in 4130 in 1845 in 85.7 mm         17.0 mm         17.0 mm           15         Outside Tine Width (max spread)         mm 2178 in 85.0 in 85.7 mm         57.6 in 22.7 mm         57.6 in 22.7 mm           16         Outside Tine Width (min spread)         mm 180.0 in 7.1 mm         15.0 in 7.1 mm         15.0 in 7.1 mm         15.0 in 7.1 mm         15.0 in 7.2 mm	7	Reach with Fork at Maximum Height		
of Ground to Top of Time with Arms Horizontal and Fork Level         in 73.8 mm         431.5 mm         73.8 mm		<u> </u>		
9         Ground to Top of Tine at Maximum Height and Fork Level         mm 4315 in 169.9           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 5355 in 210.8           11         Clearance at Full Lift and Max Dump         mm 202.7           12         Max Discharge Angle from Horizontal         deg 50           13         Overall Carriage Width         in 99.5           14         Overall Carriage Height         mm 1130           15         Outside Tine Width (max spread)         mm 2178 in 856           16         Outside Tine Width (min spread)         mm 576 in 22.7           Tine Width (single tine)         mm 180.0 in 7.7           Tine Thickness         mm 90.0 in 3.5           Tine Capacity         kg 21995           Operating Weight         kg 29962	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   535   10   11   Clearance at Full Lift and Max Dump   mm   2355   12   Max Discharge Angle from Horizontal   deg   50   13   Overall Carriage Width   mm   2528   mm   2	_			
10   Overall Height of Fork at Full Lift (top of carriage to ground)	9	Ground to Top of Tine at Maximum Height and Fork Level		
11   Clearance at Full Lift and Max Dump   mm   231.8 mm   235.8		O		
11 Clearance at Full Lift and Max Dump   in   92.7     12 Max Discharge Angle from Horizontal   deg   50     13 Overall Carriage Width   mm   2528     14 Overall Carriage Height   mm   4130     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 Tine Width (single tine)   mm   180.0     18 Tine Thickness   mm   90.0     19 Tine Thickness   mm   90.0     10 Tine Capacity   kg   20962     10 Operating Weight   20962   20962     10 Operating Weight   20962   20962     10 Operating Weight   20062   20962     11 Operating Weight   20062   20062     12 Operating Weight   20062   20062     13 Overall Carriage Angle from Horizontal   20062     14 Overall Carriage Weight   20062     15 Operating Weight   20062     17 Operating Weight   20062     18 Operatin	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
12 Max Discharge Angle from Horizontal         deg         50.           13 Overall Carriage Width         mm         2528 in         99.5           14 Overall Carriage Height         in         44.5         44.5           15 Outside Tine Width (max spread)         mm         1708 in         8.7           16 Outside Tine Width (min spread)         mm         576 in         12.7           Tine Width (single tine)         mm         180.0 in         3.5           Tine Thickness         mm         90.0 in         3.5           Tine Capacity         lbs         27991           Operating Weight         kg         20962	11	Clearance at Full Lift and Max Dump	mm	
13   Overall Carriage Width   mm   2528   in   99.5     14   Overall Carriage Height   mm   1317     15   Outside Tine Width (max spread)   mm   2178     16   Outside Tine Width (min spread)   mm   576   in   22.7     Tine Width (single tine)   mm   180.0   in   7.7     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   kq   27962     Operating Weight   Queen   Q		Clearance at Full List and Max Dump	in	92.7
13   Overall Carriage Width   mm   2528   in   99.5     14   Overall Carriage Height   mm   1317     15   Outside Tine Width (max spread)   mm   2178     16   Outside Tine Width (min spread)   mm   576   in   22.7     Tine Width (single tine)   mm   180.0   in   7.7     Tine Thickness   mm   90.0   in   3.5     Tine Capacity   kq   27962     Operating Weight   Queen   Q	12	Max Discharge Angle from Horizontal	dea	50
14 Overall Carriage Width		Max Bisonarge 7 mgie nom monzonia		
14 Overall Carriage Height	13	Overall Carriage Width		
14 Overain Carnage Reight   in   44,5				
15         Outside Tine Width (max spread)         mm ks 7 ks	14	Overall Carriage Height		
16 Outside Tine Width (min spread)   in 85.7   mm 576   m. 22.7     Tine Width (single tine)   mm 90.0   m. 9.5   m. 9.5   m. 90.0   m				
16 Outside Tine Width (min spread)         mm branch in 22.7         576 in 22.7           Tine Width (single tine)         mm 180.0 in 7.1           Tine Thickness         mm 90.3         s.5           Tine Capacity         ka 127.0           Operating Weight         ka 27991	15	Outside Tine Width (max spread)		
Tine Width (single tine)				
Tine Width (single tine)   mm   180.0   in   7.1     7.1	16	Outside Tine Width (min spread)		
Tine Width (single line)         in         7.1           Tine Thickness         mm         90.0           Tine Capacity         kq         12700           Operation Weight         kq         20962		T. M.C. M. ( )   C. ( )		
Inc Trickriess		Tine Width (single tine)	in	7.1
In 3.5		Tino Thickness	mm	90.0
Operating Weight kg 20962		THE THICKNESS	in	3.5
Operating Weight kg 20962		Tine Canacity	kg	12700
		Tino Oupdoity	lbs	27991
lbs 46200		Operating Weight		20962
		-1 5 5 "	lbs	46200



Hinge (B) Pin Height (mm)

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

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

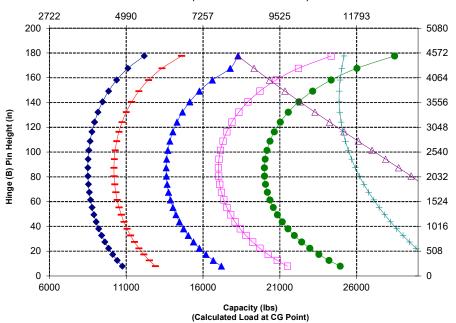




Lubricants, and Operator.

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

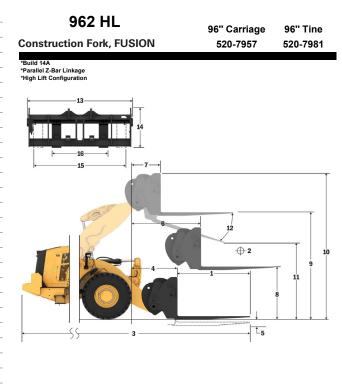




<sup>\*</sup>Negative values indicate below grade

#### **Fork Specifications**

. •	opeomouneme		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8668 19105
	Static Tipping Load - Articulated (Forks Level)	kg	7361
	· · · · · · · · · · · · · · · · · · ·	lbs	16225 3681
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	8112
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4417
		lbs kg	9735 5889
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	12980
3	Maximum Overall Length	mm in	10491 413.0
		mm	1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
	Croana to Bottom of Time at Miniman Freight and Fork Ecver	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	2119 83.4
_	B 1 70 E 1 111 1 111 11	mm	1064
7	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in mm	73.8 4315
9	Ground to Top of Tine at Maximum Height and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5355 210.8
	0	mm	2122
11	Clearance at Full Lift and Max Dump	in	83.5
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2528
		in mm	99.5 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 in	576 22.7
	Tine Width (single tine)	mm in	180.0 7.1
		mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	11300
	· ,	lbs	24905
	Operating Weight	kg lbs	21024 46337
		ina	+0001



\*Negative values indicate below grade



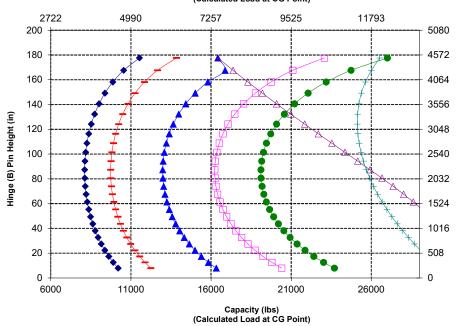


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator. Lubricants, and Operator.

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

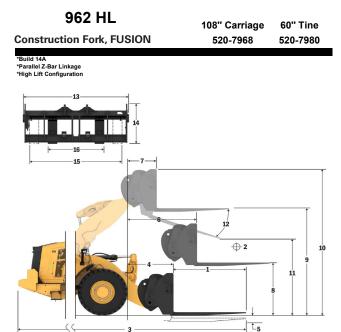


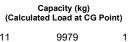


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

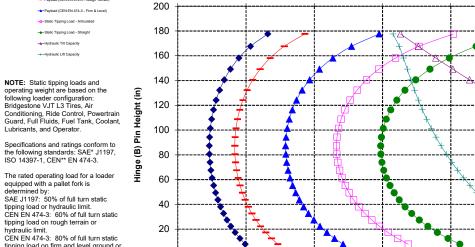
#### **Fork Specifications**

	ik opecifications		
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	9914
	11 0 0 0 7	lbs kg	21851 8447
	Static Tipping Load - Articulated (Forks Level)	lbs	18617
	D-4-414/04E 14407	ka	4223
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9308
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5068
	Traise 25dd (52T 2T T T 5 Trough Tondin 55 7 T 15 T2)	lbs	11170
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6758 14894
_		mm	9577
3	Maximum Overall Length	in	377.1
4	Reach with Forks at Ground Level	mm	1659
_	Treach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
_		in	-3.4 2119
6	Reach with Arms Horizontal and Forks Level	mm in	83.4
_	Desch with Federal Manifester Height	mm	1064
7	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	Ordana to Top of Time Mary anno Horizoniai and Fork 2010.	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
		in mm	169.9 5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	210.8
44	Clearance at Full Lift and Max Dump	mm	2823
11	Clearance at Full Lift and Max Dump	in	111.1
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm in	2833 111.5
		mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
13	Outside Title Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
_	· ,	in mm	23.2 180.0
	Tine Width (single tine)	in	7.1
	Time Thirdeness	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	17800
		lbs	39231
	Operating Weight	kq	20887
		lbs	46035





Capacity (lbs) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)

tipping load on firm and level ground or hydraulic limit.

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

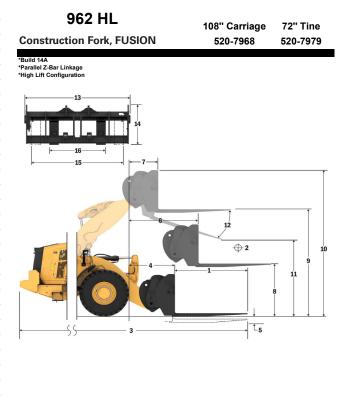


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

#### **Fork Specifications**

	ik Opecinications		
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	9459
	State Tipping Load Statight (Folio Lovel)	lbs	20847
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8049 17740
		kg	4024
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8870
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4829
	Raied Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	10644
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6439
	Trace Edad (OEIT EIT TITT and Edver Ground - 00701 1012)	lbs	14192
3	Maximum Overall Length	mm	9882
	· •	in	389.1
4	Reach with Forks at Ground Level	mm in	1659 65.3
_		mm	-86
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
_	Reach with Arms Horizontal and Forks Level	mm	2119
6	Reach with Arms Horizontal and Forks Level	in	83.4
7	Reach with Fork at Maximum Height	mm	1064
	Trought Will Fork at Waximum Froight	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
_	<u> </u>	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4315 169.9
		mm	5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	210.8
	Ol	mm	2589
11	Clearance at Full Lift and Max Dump	in	101.9
12	Max Discharge Angle from Horizontal	deg	50
	Max Districting of Miglio Horn Florizonial		
13	Overall Carriage Width	mm	2833
		in mm	111.5 1130
14	Overall Carriage Height	in	44.5
	O 1 11 T 147 H 1	mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
-10	Outside Title Width (Hill Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	(	in	7.1
	Tine Thickness	mm	90.0
		in ka	3.5 14800
	Tine Capacity	lbs	32619
_	0 E W. I.	ka	20949
	Operating Weight	lbs	46172



- Payload (CEN EN 474-3 - Rough Ter

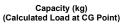
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator.

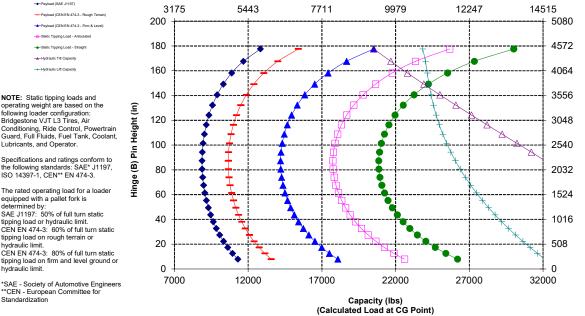
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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.

Lubricants, and Operator.

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





Standardization

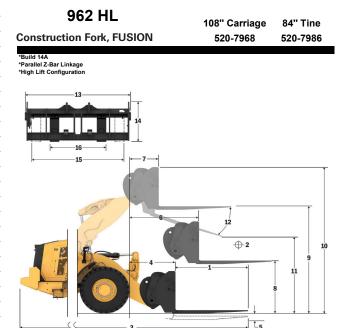
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

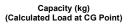
#### **Fork Specifications**

Fork Specifications	;
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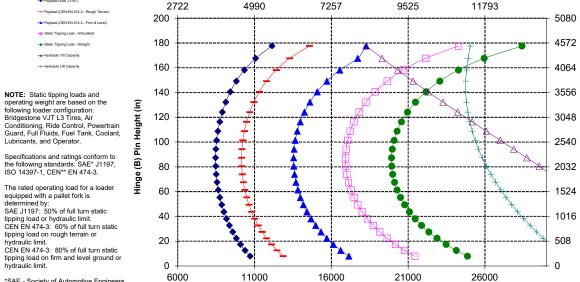
	ik Opcomoduona		
1	Tine Length	mm in	2134 84.0
_	1 10 1	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9033
	Static Tipping Load - Straight (Forks Level)	lbs	19909
	Static Tipping Load - Articulated (Forks Level)	kg	7677
	otatio ripping zoda i rittodiatoa (rionto zorot)	lbs	16920
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3838
	,	lbs	8460
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4606 10152
		kg	6142
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13536
		mm	10187
3	Maximum Overall Length	in	401.1
_	Reach with Forks at Ground Level	mm	1659
4	Reach with Forks at Ground Level	in	65.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-86
- 5	Glound to Bottom of Time at William Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
	Treadil Will / Will S Fiorizontal and T ones Edver	in	83.4
7	Reach with Fork at Maximum Height	mm	1064
	Trought man Fortal maximum Froight	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	<u> </u>	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315
	<u> </u>	in mm	169.9 5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	210.8
		mm	2355
11	Clearance at Full Lift and Max Dump	in	92.7
	M 5: 1 A 1 C 11: 11		
12	Max Discharge Angle from Horizontal	deg	50
12	Overall Carriage Width	mm	2833
-13	Overall Carriage vvidin	in	111.5
14	Overall Carriage Height	mm	1130
	Overdii Odinage Holgiti	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	(···)	in	97.8
16	Outside Tine Width (min spread)	mm	590
		in mm	23.2 180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	T. 0. "	ka	12700
	Tine Capacity	lbs	27991
	Oneveting Weight	ka	21011
	Operating Weight	lbs	46308
		2	



Hinge (B) Pin Height (mm)



Capacity (lbs) (Calculated Load at CG Point)



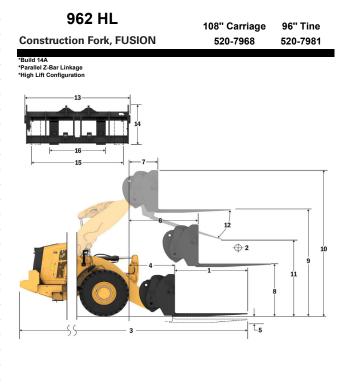
\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization



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

#### **Fork Specifications**

. •			
1	Tine Length	mm in	2438 96.0
_	1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8635
	otatio ripping 2000 orangin (romo 2010)	lbs	19031
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7328 16151
		kg	3664
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8075
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4397
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	9691
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5862
		lbs	12921
3	Maximum Overall Length	mm in	10491 413.0
	<del>-</del>	mm	1659
4	Reach with Forks at Ground Level	in	65.3
_	todt- D-tttTitMinimum Unicht and E-d-Ll	mm	-86
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
	Treadil Will 7 tillo Florizontal and 1 onto Ecvel	in	83.4
7	Reach with Fork at Maximum Height	mm	1064
		in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
_		mm	4315
9	Ground to Top of Tine at Maximum Height and Fork Level	in	169.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	210.8
11	Clearance at Full Lift and Max Dump	mm	2122
• • •	Olouranoo at i an Elit ana max Bamp	in	83.5
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2833
	O Totali Garriago Triati	in	111.5
14	Overall Carriage Height	mm	1130 44.5
		in mm	2483
15	Outside Tine Width (max spread)	in	97.8
40	Outside Time (Middle (min annual))	mm	590
10	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Timo Triadir (origina dira)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka lbs	11300 24905
	0 " W : II	ka	21074
	Operating Weight	lbs	46447



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

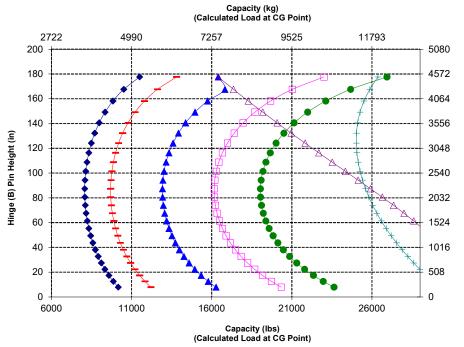


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

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\*\*CEN - European Committee for Standardization





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

#### **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
M 1.75 11 15 11 15 11 16 10 10 10 15 10)	mm	2,460	2,611	2,761	2,912	3,062	3,213
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	8' 0"	8' 6"	9' 0"	9' 6"	10' 0"	10' 6"
Manual iffe Library Evision Library (7, 0, 0, 40, 44, 40)	mm	7,270	7,535	7,800	8,065	8,330	8,595
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	ft, in	23' 10"	24' 8"	25' 7"	26' 5"	27' 3"	28' 2"
Lavel Harly Evelet Dearly (42, 44, 45, 46, 47, 40)	mm	4,985	5,290	5,595	5,900	6,204	6,509
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	ft, in	16' 4"	17' 4"	18' 4"	19' 4"	20' 4"	21' 4"
Lavel Harle Evelet Height (40)	mm	1,839	1,839	1,839	1,839	1,839	1,839
Level - Hook Eyelet Height (19)	ft, in	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"
Nr. 1-77 11 1 5 1 1 B 1 1 (22 24 22 22 24 25)	mm	2,812	2,987	3,161	3,336	3,510	3,685
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	9' 2"	9' 9"	10' 4"	10' 11"	11' 6"	12' 1"
Min Life Hands Frederick (OC 07 00 00 00 04)	mm	(2,641)	(2,891)	(3,141)	(3,391)	(3,641)	(3,891)
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 4"	-9' 6"	-10' 8"	-11' 10"	-11' 0"	-12' 2"
Chaffe Timelers I and Chaffeha	kg	6,611	6,275	5,970	5,693	5,439	5,207
Static Tipping Load, Straight	lb	14,572	13,830	13,158	12,547	11,988	11,476
Static Tipping Load, Articulated	kg	5,681	5,391	5,128	4,889	4,671	4,470
Static Tipping Load, Articulated	lb	12,522	11,882	11,303	10,776	10,295	9,853
On a selice i Wai also	kg	20,221	20,221	20,221	20,221	20,221	20,221
Operating Weight	lb	44,567	44,567	44,567	44,567	44,567	44,567

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

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

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## -Retracted -Extension 1 -Extension 2 -Extension 3 -Extension 4 -Extended

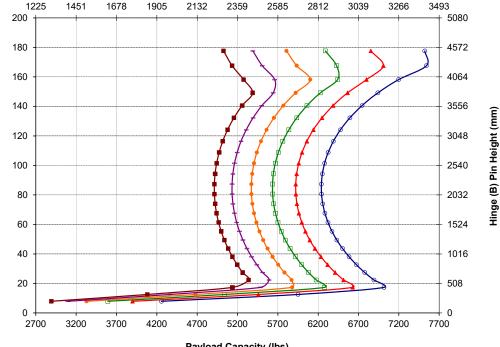
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

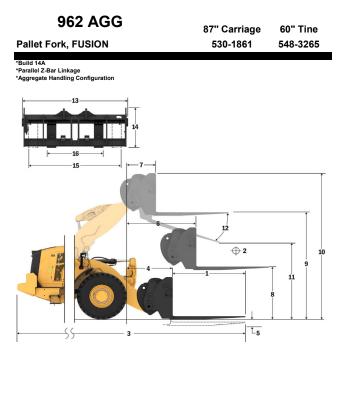
\*SAE - Society of Automotive Engineers

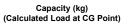
#### Payload Capacity (kg) (Calculated Load at CG Point)



#### **Fork Specifications**

1   Tine Length
2 Load Center
Static Tipping Load - Straight (Forks Level)
Static Tipping Load - Straight (Forks Level)   Static Tipping Load - Articulated (Forks Level)   Rq 9   Rq 9   Rated Load (SAE J1197 - 50% FTSTL)   Rq 48   Static Tipping Load - Articulated (Forks Level)   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rq 58   Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq 77   Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq 77   Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq 77   Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq 77   Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq 77   Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rq 77   Reach with Forks at Ground Level   Rm 10   Stated Load (Rq 77   Rq 84   Rq 77   Rq 78   Rq 77   Rq 78
Static Tipping Load - Articulated (Forks Level)   Static Tipping Load - Articulated (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
State   Ipping Load - Articulated (Forks Level)   Ibs   21:
Rated Load (SAE J1197 - 50% FTSTL)
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Sis   10
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)  Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)  Maximum Overall Length  Reach with Forks at Ground Level  Ground to Bottom of Tine at Minimum Height and Fork Level  Ground to Bottom of Tine at Minimum Height and Fork Level  Mmm 18  Ground to Top of Tine with Arms Horizontal and Fork Level  Ground to Top of Tine with Arms Horizontal and Fork Level  Mmm 18  Ground to Top of Tine at Maximum Height and Fork Level  Mmm 19  Ground to Top of Tine with Arms Horizontal and Fork Level  Mmm 19  Ground to Top of Tine at Maximum Height and Fork Level  Mmm 19  Ground to Top of Tine at Maximum Height and Fork Level  Mmm 19  Mmm 25  Max Discharge Angle from Horizontal  Meg 4  May Discharge Angle from Horizontal  Meg 4  May Discharge Height  Mmm 25  Mmm 35  Meg 4  Meg
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Right
Asked Load (CEN EN 4/4-3 Firm and Level Ground - 80% F1S1L)    Sa
3   Maximum Overall Length   mm   92
A Reach with Forks at Ground Level
4 Reach with Forks at Ground Level  5 *Ground to Bottom of Tine at Minimum Height and Fork Level  6 Reach with Arms Horizontal and Forks Level  7 Reach with Fork at Maximum Height  8 Ground to Top of Tine with Arms Horizontal and Fork Level  9 Ground to Top of Tine with Arms Horizontal and Fork Level  10 Overall Height of Fork at Full Lift (top of carriage to ground)  11 Clearance at Full Lift and Max Dump  12 Max Discharge Angle from Horizontal  13 Overall Carriage Width  14 Overall Carriage Height  15 Outside Tine Width (max coread)
1
1
1
6         Reach with Arms Horizontal and Forks Level         mm 18 in 77.         18 in 77.           7         Reach with Fork at Maximum Height         mm 9 in 38.           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 17 in 66.           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 38.           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 46.           11         Clearance at Full Lift and Max Dump         mm 25.           12         Max Discharge Angle from Horizontal         deg         4           13         Overall Carriage Width         mm 22.         3           4         Overall Carriage Height         mm 8.         3           5         Outside Tine Width (max except)         mm 22.
7   Reach with Fork at Maximum Height   n   7;   7   Reach with Fork at Maximum Height   n   38   8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   38   19   9   Ground to Top of Tine at Maximum Height and Fork Level   mm   38   10   10   10   10   10   10   10   1
Reach with Fork at Maximum Height   In   38   38   39   39   39   39   39   39
8   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   17   in   66   mm   18   19   Ground to Top of Tine at Maximum Height and Fork Level   mm   38   10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   46   mm   26   mm   27   mm   28   mm   28   mm   28   mm   29   mm   29   mm   20   mm   20
Ground to Top of Time with Arms Horizontal and Fork Level   in 60   Ground to Top of Time at Maximum Height and Fork Level   in 15   in 15   in 16   in 18
9 Ground to Top of Tine at Maximum Height and Fork Level in 15 in 16 in 18 in 19 in
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   46   mm
10
1   Clearance at Full Lift and Max Dump   mm   25   m   26   m   26   m   26   m   26   m   27   m   27   m   27   m   27   m   27   m   28   m
1 Clearance at Full Lift and Max Dump   mm   25 in   10     2 Max Discharge Angle from Horizontal   deg   4     3 Overall Carriage Width   mm   22 in   87 in     4 Overall Carriage Height   mm   8 in   33     5 Outside Tire Width (max exceed)   mm   26     6 Outside Tire Width (max exceed)   mm   26     7 Outside Tire Width (max exceed)   mm   26     8 Outside Tire Width (max exceed)   mm   26     9 Outside Tire Width (max exceed)   mm   26     10 Outside Tire Width (max exceed)   mm   26     11 Outside Tire Width (max exceed)   mm   26     12 Outside Tire Width (max exceed)   mm   26     13 Outside Tire Width (max exceed)   mm   26     14 Outside Tire Width (max exceed)   mm   26     15 Outside Tire Width (max exceed)   mm   26     16 Outside Tire Width (max exceed)   mm   26     17 Outside Tire Width (max exceed)   mm   26     18 Outside Tire Width (max
2   Max Discharge Angle from Horizontal   deg   4     3   Overall Carriage Width   mm   8     4   Overall Carriage Height   mm   8     5   Outside Tine Width (may exceed)   mm   20     6   Outside Tine Width (may exceed)   mm   20     7   Outside Tine Width (may exceed)   mm   20     8   Outside Tine Width (may exceed)   mm   20     9   Outside Tine Width (may exceed)   mm   20     10   Outside Tine Width (may exceed)   mm   20     11   Outside Tine Width (may exceed)   mm   20     12   Outside Tine Width (may exceed)   mm   20     13   Outside Tine Width (may exceed)   mm   20     14   Outside Tine Width (may exceed)   mm   20     15   Outside Tine Width (may exceed)   mm   20     15   Outside Tine Width (may exceed)   mm   20     15   Outside Tine Width (may exceed)   mm   20     16   Outside Tine Width (may exceed)   mm   20     17   Outside Tine Width (may exceed)   mm   20     18   Outside Tine Width (ma
3   Overall Carriage Width   mm   22
3   Overall Carriage Width   mm   22
3 Overall Carriage Width
4 Overall Carriage Height
4 Overall Carnage Reight in 33
5 Outside Tine Width (may spread) mm 20
in 81
6 Outside Tine Width (min spread) mm 4
in 18
Tine Width (single tine) mm 15
, - , III 5
Tine Thickness mm 65
in 2
Tine Capacity kg 63
Operating Weight kg 200







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

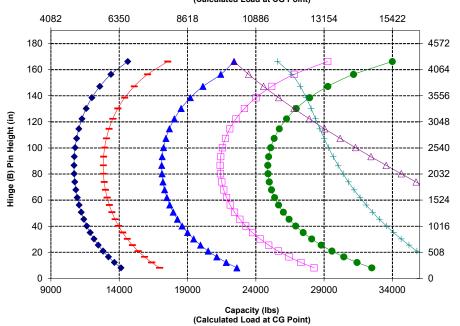
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricater, and Operative Lubricants, and Operator.

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.

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.

Pin Height (mm)

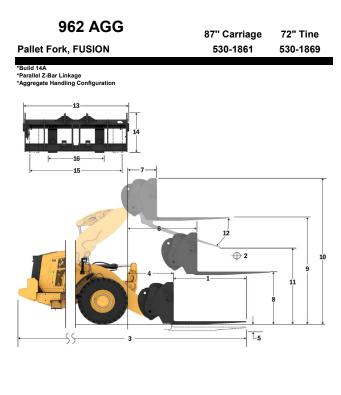
<u>@</u> Hinge (

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

#### **Fork Specifications**

#### **Fork Specifications**

	opoomounomo		
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	10757
		ka	23709 9243
	Static Tipping Load - Articulated (Forks Level)	lbs	20372
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4621
	Nated Load (GAL 91197 - 30701 101L)	lbs	10186
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5546
		lbs ka	12223 7394
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16297
_	W : 0 III II	mm	9600
3	Maximum Overall Length	in	378.0
4	Reach with Forks at Ground Level	mm	1376
_	Trouble Will Folks at Ground Edver	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-161
_	<u> </u>	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm in	1849 72.8
_		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	1769
۰	Ground to Top of Time with Arms Horizontal and Fork Level	in	69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3920
_		in	154.3
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4695 184.9
		mm	2337
11	Clearance at Full Lift and Max Dump	in	92.0
42	Max Discharge Angle from Horizontal	deg	46
12	Max Discharge Angle Ironi Horizontal	ueg	
13	Overall Carriage Width	mm	2217
		in	87.3
14	Overall Carriage Height	mm in	840 33.1
		mm	2070
15	Outside Tine Width (max spread)	in	81.5
40	Outside Tine Width (min spread)	mm	470
10	Outside Title Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	The Wall (single tile)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6 5246
	Tine Capacity	kg lbs	11562
		kg	20416
	Operating Weight	lbs	44996
		IDS	44990



Hinge (B) Pin Height (mm)

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



Payload (CEN EN 474-3 - Firm & Level

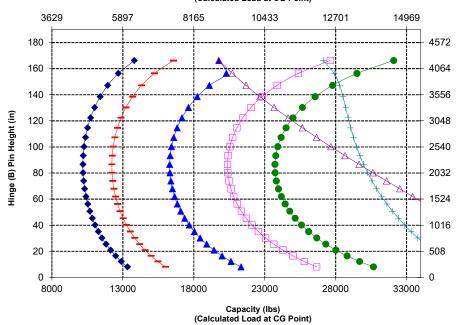
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricater, and Operative Lubricants, and Operator.

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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.

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

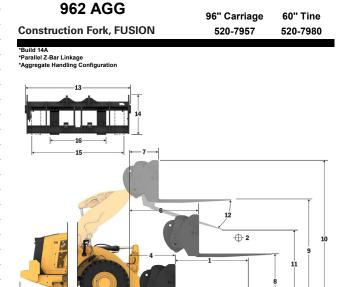
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Hinge (B) Pin Height (mm)

#### **Fork Specifications**

#### **Fork Specifications**

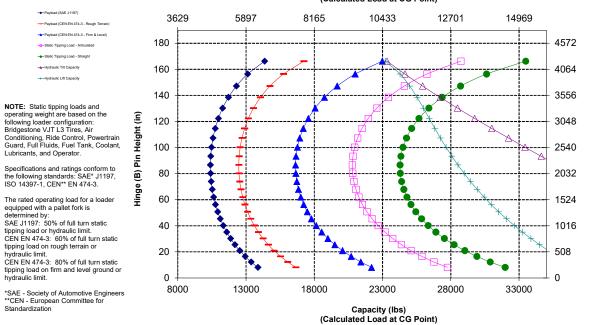
	opeoinounene		
1	Tine Length	mm in	1524 60.0
_	1 10 1	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	11013
	Otatic Tipping Load - Straight (1 Orks Level)	lbs	24273
	Static Tipping Load - Articulated (Forks Level)	kg	9427
	, ,	lbs kg	20777 4714
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10389
	D + 11	kg	5656
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12466
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7542
	Trated Load (CEN EN 474-51 IIIII and Level Gloding - 60 % 1 151E)	lbs	16622
3	Maximum Overall Length	mm	9251
		in	364.2
4	Reach with Forks at Ground Level	mm	1333 52.5
		in mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
_	D 1 31 A 11 1 1 1 1 1 1 1	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
′	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
	<u>-</u>	in mm	158.5 5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
	0	mm	2500
11	Clearance at Full Lift and Max Dump	in	98.4
12	Max Discharge Angle from Horizontal	doa	52
12	Max Discharge Angle Iron Horizontal	deg	
13	Overall Carriage Width	mm	2528
	O Torian Carriago Triadi	in	99.5
14	Overall Carriage Height	mm	1130 44.5
		in mm	2178
15	Outside Tine Width (max spread)	in	85.7
	0 + : 1 T W: W / : N	mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Title Width (single title)	in	7.1
	Tine Thickness	mm	90.0
	***************************************	in	3.5
	Tine Capacity	kq	17800
	·	lbs ka	39231 20744
	Operating Weight	lbs	45719
		เมอ	40/18



\*Negative values indicate below grade

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

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

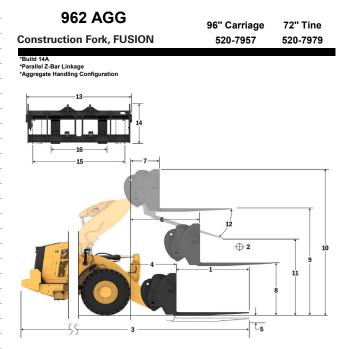


Lubricants, and Operator.

#### **Fork Specifications**

#### **Fork Specifications**

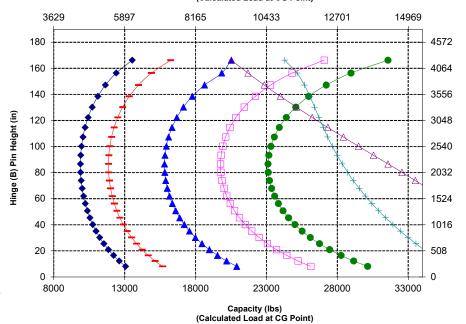
	ik Opecinications		
1	Tine Length	mm	1829 72.0
2	Load Center	in mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10483
	7, 0	lbs	23104
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8964 19757
		kg	4482
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9878
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5378
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	11854
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7171
		lbs	15805
3	Maximum Overall Length	mm in	9556 376.2
		mm	1333
4	Reach with Forks at Ground Level	in	52.5
	*Cround to Bottom of Tine at Minimum Height and Fork Lavel	mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
_	Treadil Will 7 time Florizonial and Forte Edver	in	72.5
7	Reach with Fork at Maximum Height	mm	963
		in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
_		mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
-10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2259
	Ologiano at i an Elitana max Bamp	in	88.9
12	Max Discharge Angle from Horizontal	deg	52
	0 110 : 141:111	mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
	Overall ournage rieight	in	44.5
15	Outside Tine Width (max spread)	mm	2178
_	· ( i /	in	85.7 576
16	Outside Tine Width (min spread)	mm in	22.7
	Tine Width (single tine)	mm	180.0
	Tille Width (Single tille)	in	7.1
	Tine Thickness	mm	90.0
	1975 1195000000	in	3.5
	Tine Capacity	ka	14800
_	· · ·	lbs ka	32619 20805
	Operating Weight	lbs	45853
_		ing	70000



Hinge (B) Pin Height (mm)

Payload (CEN EN 474-3 - Firm & Level

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



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

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

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

Lubricants, and Operator.

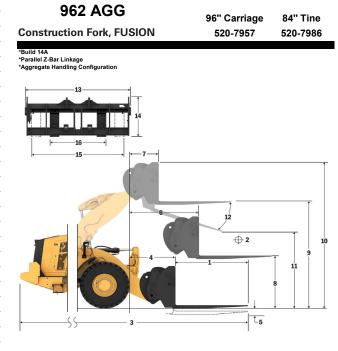
\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization



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

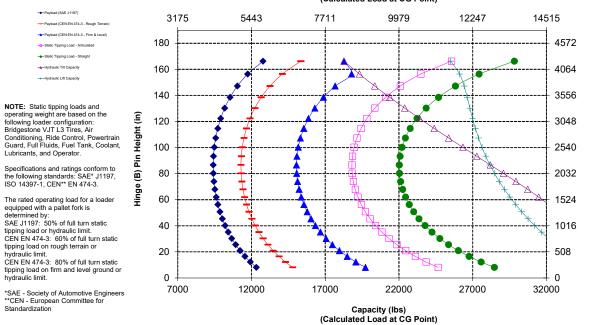
#### **Fork Specifications**

	nk 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	9989
	Otatic Tipping Load - Otraight (1 Orks Level)	lbs	22016
	Static Tipping Load - Articulated (Forks Level)	kg	8532
	otato ripping zoda i ratioalatoa (i onto zovot)	lbs	18804
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4266
		lbs	9402 5119
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	11282
		kg	6825
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15043
_	Maniference Occasillation with	mm	9861
3	Maximum Overall Length	in	388.2
4	Reach with Forks at Ground Level	mm	1333
	Treach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
	Croana to Bottom or timo at miniman riolgitt and riolt 2010.	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
		in	72.5
7	Reach with Fork at Maximum Height	mm	963
	<u> </u>	in mm	37.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
_		mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
40	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
10	Overall neight of Fork at Full Lift (top of carnage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2019
-''	Clearance at Full List and Max Dump	in	79.5
12	Max Discharge Angle from Horizontal	deg	52
	Wax Districting of Arrigin from Fronzontal		
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	O. 4-14- Ti \ \( \) \(	mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Tille VVidur (Sirigle tille)	in	7.1
	Tine Thickness	mm	90.0
	1005 1005000555	in	3.5
	Tine Capacity	kq	12700
	• •	lbs	27991
	Operating Weight	kq	20868 45992
	• •	lbs	45992



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.

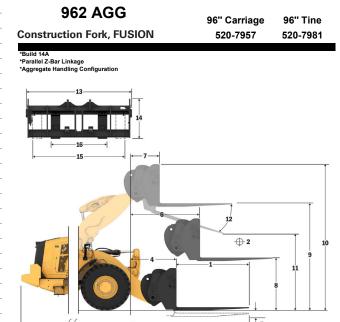
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

#### **Fork Specifications**

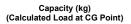
#### **Fork Specifications**

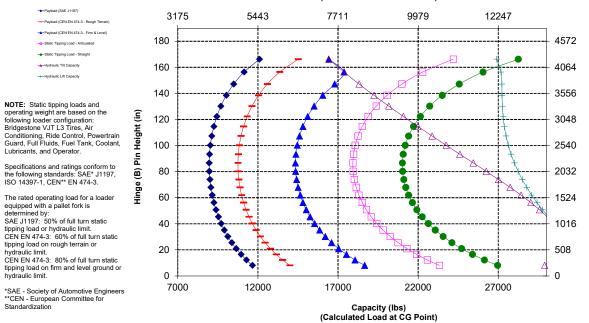
. •	openious		
1	Tine Length	mm in	2438 96.0
_	1404	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9531
	Otatio Tipping Load - Ottaight (1 Otto Lovel)	lbs	21007
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8131 17921
		kg	4065
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8960
	Detect Level (OFN EN 474 & Decemb Terreion COO/ FTOTI )	kg	4879
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10752
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6505
	rtated Edda (OE14 E14 474-01 IIIII alia Eevel Glouna - 00 % 1 10 1E)	lbs	14336
3	Maximum Overall Length	mm	10165
	· <u> </u>	in	400.2
4	Reach with Forks at Ground Level	mm in	1333 52.5
		mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
_	Decelorable Association and Control and	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	Treach with Fork at Maximum Fleight	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	- !	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
		mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
	Olesses of Full 1:4 and Marc Prince	mm	1779
11	Clearance at Full Lift and Max Dump	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
12	Wax Discharge Angle Irom Horizontal		-
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
10	Outside Title Width (Hilli Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	( J = ***:=/	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 11300
	Tine Capacity	kg lbs	24905
	A W	ka	20930
	Operating Weight	lbs	46129



Hinge (B) Pin Height (mm)

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





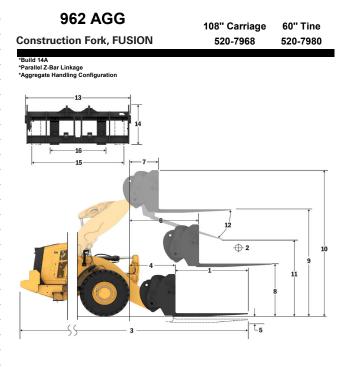
Lubricants, and Operator.

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

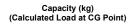
<sup>\*</sup>Negative values indicate below grade

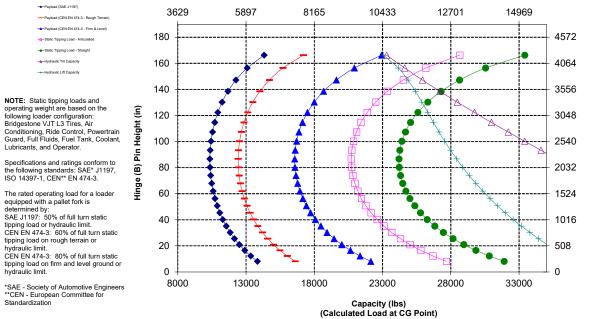
#### **Fork Specifications**

	nk opecinications		
1	Tine Length	mm	1524
	<u> </u>	in mm	60.0 762
2	Load Center	in	30.0
		kg	10978
	Static Tipping Load - Straight (Forks Level)	lbs	24195
	Otatia Timpia at and Additional (Foulant and)	kg	9392
	Static Tipping Load - Articulated (Forks Level)	lbs	20699
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4696
	Nated Load (SAE 31197 - 30 % F131L)	lbs	10350
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5635
	Trated Load (OLIV LIV 474-5 Rought Terrain - 00 701 TOTL)	lbs	12420
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7513
	Traced Educ (DETV ETV 474 OT HITT WHO EGVET GROWING - 00 701 TOTE)	lbs	16559
3	Maximum Overall Length	mm	9251
	maximum oronai zongan	in	364.2
4	Reach with Forks at Ground Level	mm	1333
		in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
_		in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
_		in	72.5
7	Reach with Fork at Maximum Height	mm	963
_	<u> </u>	in mm	37.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
_		mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
	0	mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
	Ol	mm	2500
11	Clearance at Full Lift and Max Dump	in	98.4
40	May Discharge Angle from Harizontal	don	52
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
-13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
	Overall Carriage Fieight	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	Catalas Tino Trian (max oproda)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	·	in	23.2
	Tine Width (single tine)	mm	180.0
	,	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	17800 39231
_		ka	20793
	Operating Weight	lbs	45827
_		IDS	40021



Payload (CEN EN 474-3 - Firm & Level





Lubricants, and Operator.

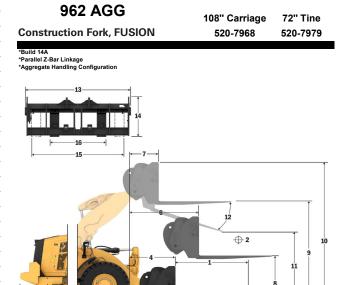
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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

#### **Fork Specifications**

#### **Fork Specifications**

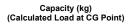
	opeomeanem		
1	Tine Length	mm in	1829 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10448
	Otatio Tipping Load - Ottaignt (Fonto Lovo)	lbs	23027
	Static Tipping Load - Articulated (Forks Level)	kg	8929
	, ,	lbs kg	19679 4464
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9840
	Detect   cod (OFN EN 474 & Devel Terreir COO/ ETCT)	kg	5357
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11808
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7143
	Trated Load (CEIV EIV 474-51 IIIII and Level Glound - 00 /61 151E)	lbs	15744
3	Maximum Overall Length	mm	9556
	- <u>y</u>	in	376.2
4	Reach with Forks at Ground Level	mm in	1333 52.5
		mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
_	Reach with Arms Horizontal and Forks Level	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	Treach with Fork at Maximum Fleight	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	· !	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026 158.5
		mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
44	Olasson at Full Life and Mary Duran	mm	2259
11	Clearance at Full Lift and Max Dump	in	88.9
12	Max Discharge Angle from Horizontal	deg	52
12	Wax Discharge Angle Horri Horizontal		
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
40	Outside Tine Width (min spread)	mm	590
10	Outside Title Width (Hill Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq lbs	14800 32619
	0 5 111:11	ka	20855
	Operating Weight	lbs	45963
			.0000

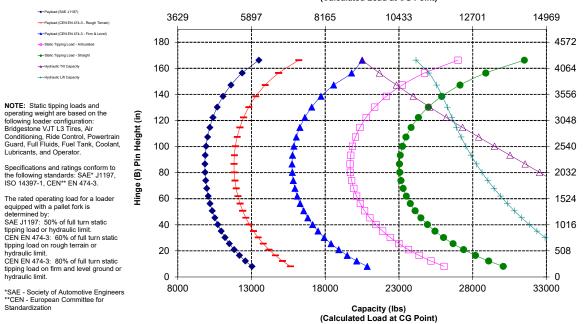


Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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



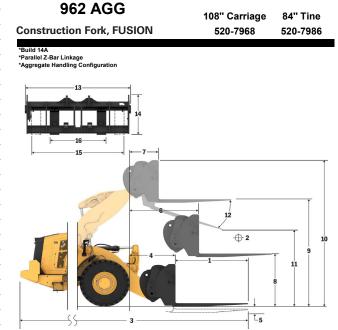


Lubricants, and Operator.

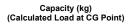
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

#### **Fork Specifications**

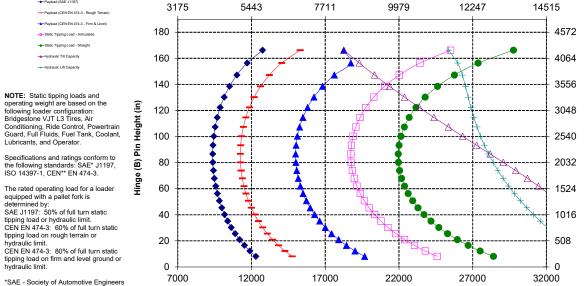
	opeomeanene		
1	Tine Length	mm in	2134 84.0
_	1404	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9956
	Otatio Tipping Load - Ottaight (Folks Lovel)	lbs	21944
	Static Tipping Load - Articulated (Forks Level)	kg	8499
		lbs kg	18732 4250
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9366
	Detect Level (OFN EN 474 0 Decemb Terreion COO/ FTOTI )	kg	5100
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11239
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6799
	Trace Essa (SET ETT IT FOT IIII and Estat Statia Set IT FOTE)	lbs	14986
3	Maximum Overall Length	mm in	9861
	<del>-</del>	mm	388.2 1333
4	Reach with Forks at Ground Level	in	52.5
_	todt- B-tttTitMi-itI-ittd Fd-1	mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
	Trought Will 7 time Florizontal and Forto Ecvel	in	72.5
7	Reach with Fork at Maximum Height	mm	963
		in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
_	0 11 7 77 111 1 1111 15 11 1	mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	everall Holght of Fork at Fall (top of barriage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2019
	· '	in	79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
		in	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
	Odiside Tille Width (Illin spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm in	90.0 3.5
	T. 0. "	kg	12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	20917
	Operating Weight	lbs	46100



\*Negative values indicate below grade



Capacity (lbs) (Calculated Load at CG Point)



tipping load on firm and level ground or hydraulic limit.

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

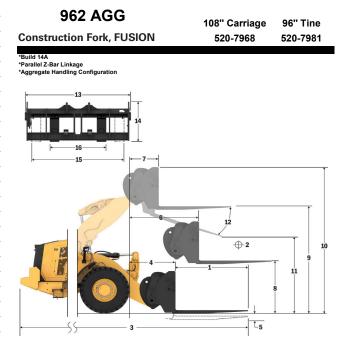


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### **Fork Specifications**

#### **Fork Specifications**

10	ik opecilications		
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	9499
	Static ripping Load - Straight (Forks Level)	lbs	20936
	Static Tipping Load - Articulated (Forks Level)	kg	8099
	Static ripping Load - Articulated (Forks Level)	lbs	17849
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4049
	Traica Edad (GAE 91107 - 30701 TOTE)	lbs	8925
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4859
	Traiba Esaa (SEIT ETT IT FORTONGIT FORTAIN SONT FORE)	lbs	10710
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6479
	(	lbs	14280
3	Maximum Overall Length	mm in	10165
	<u>*</u>		400.2 1333
4	Reach with Forks at Ground Level	mm in	52.5
_		mm	-81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
		mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
_	D 1 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	Ground to Top or Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
	Ground to Top of Time at Maximum Troight and Tork Edver	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066
			199.5
11	Clearance at Full Lift and Max Dump	mm	1779
	<u> </u>	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm in	2483 97.8
		mm	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
	Tine Thickness	in	3.5
	Tine Capacity	kg	11300
	тне Сараску	lbs	24905
	Operating Weight	kg	20980
	Operating Weight	lbs	46239



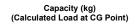
Hinge (B) Pin Height (mm)

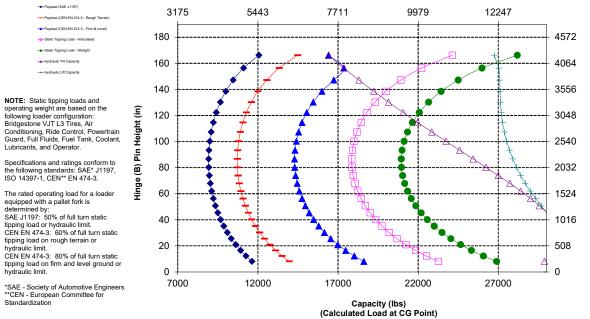
-Payload (CEN EN 474-3 - Firm & Level

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.



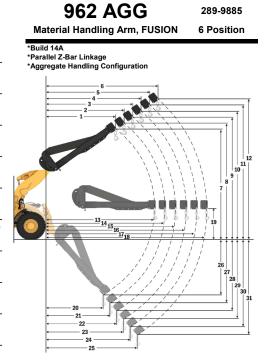


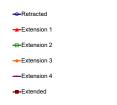


<sup>\*</sup>Negative values indicate below grade

#### **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
	mm	2,386	2,539	2,692	2,845	2,998	3,151
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	7' 9"	8' 3"	8' 9"	9' 4"	9' 10"	10' 4"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	6,963	7,226	7,490	7,754	8,017	8,281
wax Litt - Hook Eyelet Height (7, 6, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 6"	25' 5"	26' 3"	27' 2"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,708	5,013	5,317	5,622	5,927	6,232
Level - Hook Eyelet Reach (13, 14, 13, 10, 17, 16)	ft, in	15' 5"	16' 5"	17' 5"	18' 5"	19' 5"	20' 5"
Level Heat Sudet Height (40)	mm	1,839	1,839	1,839	1,839	1,839	1,839
Level - Hook Eyelet Height (19)	ft, in	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"
Mr. 1-77 11 1 5 1 1 5 1 1 60 04 00 00 04 05	mm	2,511	2,688	2,866	3,043	3,221	3,399
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"
Min Life Hank Friedrik Haink (OC 07 00 00 00 04)	mm	(2,614)	(2,862)	(3,109)	(3,357)	(3,605)	(3,852)
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 5"	-9' 7"	-10' 9"	-11' 11"	-11' 2"	-12' 4"
Static Tipping Load, Straight	kg	7,081	6,704	6,364	6,057	5,776	5,520
Static Tipping Load, Straight	lb	15,606	14,776	14,027	13,349	12,731	12,167
Static Tipping Load, Articulated	kg	6,104	5,778	5,485	5,219	4,977	4,755
Static Tipping Load, Articulated	lb	13,454	12,736	12,088	11,502	10,968	10,480
Operating Weight	kg	20,127	20,127	20,127	20,127	20,127	20,127
Operating Weight	lb	44,359	44,359	44,359	44,359	44,359	44,359





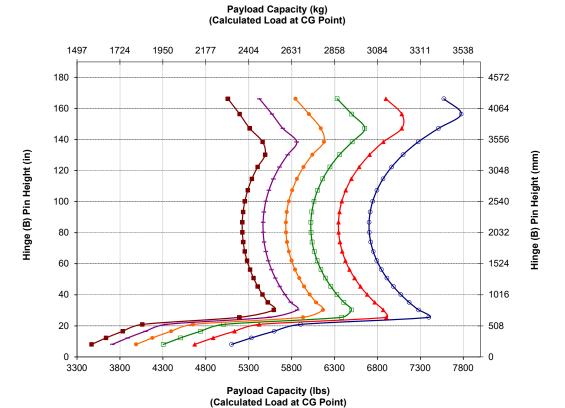
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, FuelTank, Coolant, Lubricants, and Operator.

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

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

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

\*SAE - Society of Automotive Engineers



#### **Standard and Optional Equipment**

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

	Standard	Optional
POWERTRAIN		
Cat® C7.1 engine	$\checkmark$	
Electric fuel priming pump	✓	
Fuel-water separator and secondary fuel	✓	
filter		
Engine, air precleaner	✓	
Turbine, air precleaner		✓
Radiator, high debris		✓
Cooling fan, reversible		✓
Axles, auto front differential lock (LHD)	✓	
Axles, auto front differential lock (HMU)		✓
Axles, front differential lock**	✓	
Axles, auto differential locks front and rear		✓
Axles, ecology drains, AOC ready, extreme temperature seals		✓
Axles, oil cooler		✓
Transmission, countershaft, automatic powershift	✓	
Torque converter with lock-up	✓	
Service brakes, hydraulic, fully enclosed wet disc, wear indicators	✓	
Park brake, caliper on front axles, spring applied-pressure released	✓	
Brake pedal neutralizer with decel function	✓	
ONBOARD TECHNOLOGIES		
Autodig with auto set tires	✓	
Operator ID and machine security	✓	
Application profiles	✓	
Job aids	✓	
Controls help and eOMM	✓	
Cat Payload scale	<b>√</b>	
Cat Advanced Payload		<b>√</b>
Cat Payload for Trade***		✓
Cat Payload Printer with E-ticket		<b>√</b>
Key Features Inform	<b>√</b>	
Bucket Carry Display Widget	<b>√</b>	
Remote Flash	✓	

	Standard	Optional
OPERATOR ENVIRONMENT		
Cab, pressurized, sound suppression	✓	
Door, remote opening system**		✓
EH implement controls, parking brake	✓	
Footrest		✓
HMU steering wheel	✓	
Steering, joystick		✓
Implement joystick (2V, 3V only)		✓
Entertainment radio		✓
CB radio ready		✓
Seat belt, monitored	✓	
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		✓
Touchscreen display	✓	
Keypad, programmable buttons	✓	
Mirrors, heated		✓
Air conditioner, heater, defroster (auto temp, fan)	✓	
Sun visor, front and rear retractable	✓	
Window, front, laminated		✓
Windows, front, heavy duty		✓
Full cab window guard		✓

(continued on next page)

#### Standard and Optional Equipment (continued)

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

	Standard	Optional
ELECTRICAL		
Starting and charging system, 24V	✓	
Starter, electric, heavy duty	✓	
Cold start, 120V or 240V		✓
Lights: halogen, 4 work lights, 2 front roading lights with turn signals, 2 rearview lights	✓	
Lights: LED		✓
HYDRAULICS		
Implement system, load sensing with variable displacement piston pump	✓	
Steering system, load sensing with dedicated variable displacement piston pump	✓	
Ride control, dual accumulators**		✓
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		
Parallel lift, Z-bar	✓	
High lift		✓
Kickouts: lift and tilt	✓	
MONITORING SYSTEM		
Front dash with analog gauges, LCD display, and warning lights	✓	
Primary touchscreen monitor (Cat Payload, quad screens, machine settings and messages)	✓	
Tire Pressure Monitor		✓
Maintenance Reminders	✓	
ADDITIONAL EQUIPMENT		
Cat Autolube system		$\checkmark$
Fenders, extensions or roading		✓
Guards: powertrain, crankcase, window glass, cylinders, rear		✓
Biodegradable hydraulic oil		✓
High-speed oil change system		✓
Rear cab access		✓
Toolbox		✓

	Standard	Optional
SAFETY		
Cat Detect rear radar system		✓
Dedicated rearview screen		✓
Visibility: mirrors, rearview camera	✓	
Multiview (360°) vision system		✓
Window cleaning platform, front	✓	
4-Point seat belt retractor		✓
Reversing strobe lights		✓
Seat belt monitoring beacon		✓
Secondary steering system, electrical**		✓
Wheel chocks		✓
Warning beacon		✓
Collision Warning System with Motion Inhibit and People Detection		✓
Remote control		✓
SPECIAL CONFIGURATIONS*		
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.

<sup>\*\*\*</sup> Available in Europe, Türkiye, Australia, and New Zealand. Country certifications vary. Contact your Cat dealer for more information.

## 962 Environmental Declaration

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

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

#### **Engine**

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

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

- \* Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.
- \*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

#### **Air Conditioning System**

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

#### **Paint**

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

#### Sound

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

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

#### **Oils and Fluids**

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

#### **Features and Technology**

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

#### Recycling

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

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

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

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

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

Recyclability - 98%



## 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.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with diesel particulate filter (DPF), and diesel exhaust fluid (DEF) tank and pump.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

#### **Durability**

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

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

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

#### **Safety Features**

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

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

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

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

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

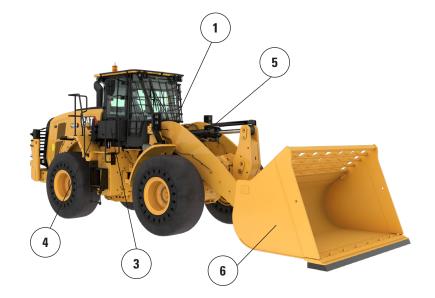
- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness (kit).
-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

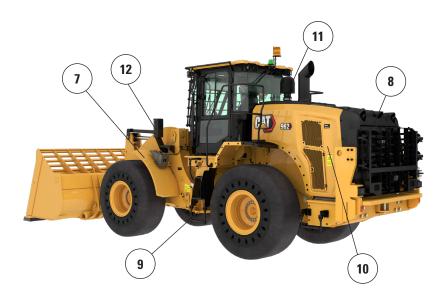
<sup>\*</sup>Parts and fluids only.

## 962 Waste & Scrap Handler Specifications

#### 962 Waste and Scrap Handler Features

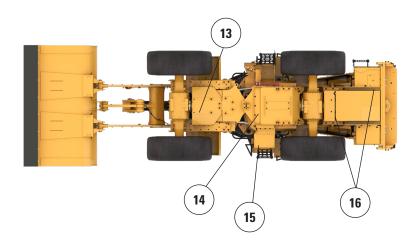
- 1. Optional window guarding to provide impact resistance to the glass
- Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
- 3. Carbon cab air filter removes harsh odors
- Optional powered 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
- Heavy-duty steel cable lower steps stand up to the harshest conditions
- Optional variable pitch fan and high debris cooling cores help to keep the cooling package clean
- 11. Optional turbine engine air precleaner with a trash screen option helps to extend engine air filter life
- 12. Front lights are guarded and positioned close to the frame for added protection

- 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				Standa	rd Linkage		
Bucket Type				General Pu	rpose – 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>	3.10	3.10	2.90	3.40	3.40	3.20
	yd³	4.00	4.00	3.75	4.50	4.50	4.25
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.40	3.40	3.20	3.70	3.70	3.50
	$yd^3$	4.50	4.50	4.25	4.75	4.75	4.50
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
6† Dump Clearance at Maximum Lift	mm	3146	3028	3028	3089	2970	2970
and 45° Discharge	ft/in	10'3"	9'11"	9'11"	10'1"	9'8"	9'8"
7† Reach at Maximum Lift and	mm	1354	1465	1465	1397	1507	1507
45° Discharge	ft/in	4'5"	4'9"	4'9"	4'7"	4'11"	4'11"
Reach at Level Lift Arm and	mm	2777	2938	2938	2850	3011	3011
Bucket Level	ft/in	9'1"	9'7"	9'7"	9'4"	9'10"	9'10"
A† Digging Depth	mm	35	35	5	35	35	5
	in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
2† Overall Length	mm	8445	8619	8619	8518	8692	8692
	ft/in	27'9"	28'4"	28'4"	28'0"	28'7"	28'7"
<b>B</b> † Overall Height with Bucket at	mm	5795	5795	5795	5866	5866	5866
Maximum Lift	ft/in	19'1"	19'1"	19'1"	19'3"	19'3"	19'3"
Loader Clearance Circle Radius	mm	6783	6869	6869	6805	6892	6892
with Bucket at Carry Position	ft/in	22'4"	22'7"	22'7"	22'4"	22'8"	22'8"
Static Tipping Load, Straight	kg	15 448	15 308	15 618	15 274	15 132	15 437
(No tire deflection)	lb	34,059	33,748	34,432	33,675	33,361	34,034
Static Tipping Load, Articulated	kg	13 485	13 344	13 634	13 319	13 177	13 462
(No tire deflection)	lb	29,730	29,419	30,058	29,364	29,051	29,679
Breakout Force(§)	kN	196	195	213	185	184	200
	lbf	44,188	43,967	48,064	41,627	41,406	45,080
Operating Weight*	kg	23 117	23 225	23 068	23 211	23 319	23 162
	lb	50,965	51,203	50,856	51,170	51,409	51,062

<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.

Linkage				Standa	rd Linkage		
Bucket Type				General Pu	rpose – 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>	3.60	3.60	3.40	3.80	3.80	3.60
	yd³	4.75	4.75	4.50	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00	3.70	4.20	4.20	4.00
	$yd^3$	5.25	5.25	4.75	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
6† Dump Clearance at Maximum Lift	mm	3063	2943	2943	3028	2908	2908
and 45° Discharge	ft/in	10'0"	9'7"	9'7"	9'11"	9'6"	9'6"
7† Reach at Maximum Lift and	mm	1419	1528	1528	1448	1557	1557
45° Discharge	ft/in	4'7"	5'0"	5'0"	4'9"	5'1"	5'1"
Reach at Level Lift Arm and	mm	2885	3046	3046	2931	3092	3092
Bucket Level	ft/in	9'5"	9'11"	9'11"	9'7"	10'1"	10'1"
A† Digging Depth	mm	35	35	5	35	35	5
	in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
<b>2</b> † Overall Length	mm	8553	8727	8727	8599	8773	8773
	ft/in	28'1"	28'8"	28'8"	28'3"	28'10"	28'10"
B† Overall Height with Bucket at	mm	5900	5900	5900	5947	5947	5947
Maximum Lift	ft/in	19'5"	19'5"	19'5"	19'7"	19'7"	19'7"
Loader Clearance Circle Radius	mm	6816	6903	6903	6830	6918	6918
with Bucket at Carry Position	ft/in	22'5"	22'8"	22'8"	22'5"	22'9"	22'9"
Static Tipping Load, Straight	kg	15 199	15 056	15 357	15 092	14 949	15 245
(No tire deflection)	lb	33,508	33,193	33,857	33,273	32,957	33,610
Static Tipping Load, Articulated	kg	13 248	13 105	13 386	13 147	13 003	13 280
(No tire deflection)	lb	29,207	28,892	29,512	28,985	28,668	29,278
Breakout Force(§)	kN	180	179	194	173	172	187
	lbf	40,500	40,278	43,774	39,095	38,872	42,155
Operating Weight*	kg	23 247	23 355	23 198	23 302	23 410	23 253
	lb	51,251	51,489	51,143	51,371	51,610	51,263

<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.

Linkage				Standa	rd Linkage		
Bucket Type			Ger	neral Purpose	– Hook-On – Fusi	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>	3.10	3.10	2.90	3.40	3.40	3.20
	yd³	4.00	4.00	3.75	4.50	4.50	4.25
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.40	3.40	3.20	3.70	3.70	3.50
	$yd^3$	4.50	4.50	4.25	4.75	4.75	4.50
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3106	2988	2988	3049	2930	2930
and 45° Discharge	ft/in	10'2"	9'9"	9'9"	10'0"	9'7"	9'7"
17† Reach at Maximum Lift and	mm	1399	1510	1510	1442	1552	1552
45° Discharge	ft/in	4'7"	4'11"	4'11"	4'8"	5'1"	5'1"
Reach at Level Lift Arm and	mm	2837	2998	2998	2910	3071	3071
Bucket Level	ft/in	9'3"	9'10"	9'10"	9'6"	10'0"	10'0"
A† Digging Depth	mm	35	35	5	35	35	5
	in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
2† Overall Length	mm	8505	8679	8679	8578	8752	8752
	ft/in	27'11"	28'6"	28'6"	28'2"	28'9"	28'9"
B† Overall Height with Bucket at	mm	5828	5828	5828	5900	5900	5900
Maximum Lift	ft/in	19'2"	19'2"	19'2"	19'5"	19'5"	19'5"
Loader Clearance Circle Radius	mm	6797	6884	6884	6820	6908	6908
with Bucket at Carry Position	ft/in	22'4"	22'8"	22'8"	22'5"	22'8"	22'8"
Static Tipping Load, Straight	kg	14 822	14 682	15 039	14 680	14 539	14 893
(No tire deflection)	lb	32,678	32,369	33,156	32,366	32,053	32,834
Static Tipping Load, Articulated	kg	12 889	12 749	13 086	12 755	12 613	12 948
(No tire deflection)	lb	28,416	28,106	28,849	28,120	27,808	28,546
Breakout Force(§)	kN	187	186	202	176	175	190
	lbf	42,081	41,859	45,605	39,754	39,532	42,911
Operating Weight*	kg	23 587	23 695	23 538	23 657	23 765	23 608
	lb	52,000	52,238	51,892	52,154	52,392	52,046

<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.

Linkage				Standa	rd Linkage		
Bucket Type			Gei	neral Purpose	– Hook-On – Fusi	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>	3.60	3.60	3.40	3.80	3.80	3.60
	yd³	4.75	4.75	4.50	5.00	5.00	4.75
Capacity - Rated at 110% Fill Factor	$m^3$	4.00	4.00	3.70	4.20	4.20	4.00
	$yd^3$	5.25	5.25	4.75	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3023	2903	2903	2988	2868	2868
and 45° Discharge	ft/in	9'11"	9'6"	9'6"	9'9"	9'4"	9'4"
17† Reach at Maximum Lift and	mm	1464	1573	1573	1493	1602	1602
45° Discharge	ft/in	4'9"	5'1"	5'1"	4'10"	5'3"	5'3"
Reach at Level Lift Arm and	mm	2945	3106	3106	2991	3152	3152
Bucket Level	ft/in	9'7"	10'2"	10'2"	9'9"	10'4"	10'4"
A† Digging Depth	mm	35	35	5	35	35	5
	in	1.4"	1.4"	0.2"	1.4"	1.4"	0.2"
12† Overall Length	mm	8613	8787	8787	8659	8833	8833
	ft/in	28'4"	28'10"	28'10"	28'5"	29'0"	29'0"
<b>B</b> † Overall Height with Bucket at	mm	5934	5934	5934	5981	5981	5981
Maximum Lift	ft/in	19'6"	19'6"	19'6"	19'8"	19'8"	19'8"
Loader Clearance Circle Radius	mm	6831	6919	6919	6846	6934	6934
with Bucket at Carry Position	ft/in	22'5"	22'9"	22'9"	22'6"	22'9"	22'9"
Static Tipping Load, Straight	kg	14 610	14 468	14 821	14 517	14 374	14 726
(No tire deflection)	lb	32,210	31,896	32,675	32,006	31,690	32,466
Static Tipping Load, Articulated	kg	12 688	12 546	12 880	12 601	12 458	12 791
(No tire deflection)	lb	27,974	27,660	28,396	27,781	27,465	28,199
Breakout Force (§)	kN	172	171	185	166	165	179
	lbf	38,718	38,496	41,719	37,428	37,205	40,241
Operating Weight*	kg	23 691	23 799	23 642	23 736	23 844	23 687
	lb	52,229	52,468	52,121	52,329	52,567	52,221

<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.

Linkage		Standard Linkage	
Bucket Type		High Dump — Hook-On — Fusion	
Edge Type		Bolt-On Cutting Edges	
Capacity – Rated	m <sup>3</sup>	6.10	
	$yd^3$	8.00	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	6.70	
	$yd^3$	8.75	
Width	mm	2910	
	ft/in	9'6"	
16† Dump Clearance at Maximum Lift	mm	2607	
and 45° Discharge	ft/in	8'6"	
17† Reach at Maximum Lift and	mm	1661	
45° Discharge	ft/in	5'5"	
Reach at Level Lift Arm and	mm	3393	
Bucket Level	ft/in	11'1"	
A† Digging Depth	mm	102	
	in	4"	
12† Overall Length	mm	9110	
	ft/in	29'11"	
<b>B</b> † Overall Height with Bucket at	mm	6356	
Maximum Lift	ft/in	20'11"	
Loader Clearance Circle Radius	mm	6998	
with Bucket at Carry Position	ft/in	23'0"	
Static Tipping Load, Straight	kg	12 552	
(No tire deflection)	lb	27,672	
Static Tipping Load, Articulated	kg	10 749	
(No tire deflection)	lb	23,699	
Breakout Force (§)	kN	125	
	lbf	28,176	
Operating Weight*	kg	24 727	
	lb	54,512	

<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.

Linkage				Standard	Linkage		
Bucket Type		Waste, Top Cla	mp – Pin-On	Waste, Load, Pin-		Waste, Dozin	g – Pin-On
Edge Type		Steel Bolt-On Cutting Edges	Rubber Cutting Edges	Steel Bolt-On Cutting Edges	Rubber Cutting Edges	Steel Bolt-On Cutting Edges	Rubber Cutting Edges
Capacity – Rated	m <sup>3</sup>	4.40	4.40	6.10	6.10	5.40	5.40
	$yd^3$	5.75	5.75	8.00	8.00	7.00	7.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.80	4.80	6.70	6.70	5.90	5.90
	$yd^3$	6.25	6.25	8.75	8.75	7.75	7.75
Width	mm	3059	3059	3059	3059	3059	3032
	ft/in	10'0"	10'0"	10'0"	10'0"	10'0"	9'11"
16† Dump Clearance at Maximum Lift	mm	2518	2421	2736	2639	3003	2905
and 45° Discharge	ft/in	8'3"	7'11"	8'11"	8'7"	9'10"	9'6"
17† Reach at Maximum Lift and	mm	1825	1764	1619	1557	1352	1292
45° Discharge	ft/in	5'11"	5'9"	5'3"	5'1"	4'5"	4'2"
Reach at Level Lift Arm and	mm	3572	3598	3272	3297	2895	2921
Bucket Level	ft/in	11'8"	11'9"	10'8"	10'9"	9'5"	9'7"
A† Digging Depth	mm	13	13	5	5	40	152
	in	0.5"	0.5"	0.2"	0.2"	1.6"	6"
12† Overall Length	mm	9250	9354	8944	9048	8567	8672
	ft/in	30'5"	30'9"	29'5"	29'9"	28'2"	28'6"
<b>B</b> † Overall Height with Bucket at	mm	5549	5549	6148	6148	6355	6355
Maximum Lift	ft/in	18'3"	18'3"	20'3"	20'3"	20'11"	20'11"
Loader Clearance Circle Radius	mm	7378	7433	7000	7052	6876	6919
with Bucket at Carry Position	ft/in	24'3"	24'5"	23'0"	23'2"	22'7"	22'9"
Static Tipping Load, Straight	kg	9814	9876	13 944	13 901	14 908	14 865
(No tire deflection)	lb	21,636	21,773	30,742	30,647	32,868	32,772
Static Tipping Load, Articulated	kg	8310	8373	12 057	12 014	12 904	12 860
(No tire deflection)	lb	18,322	18,459	26,581	26,486	28,448	28,352
Breakout Force(§)	kN	23	31	142	142	176	172
	lbf	5,215	7,033	32,010	32,011	39,604	38,874
Operating Weight*	kg	24 964	24 892	23 967	24 005	24 094	24 124
	lb	55,035	54,876	52,837	52,920	53,118	53,184

<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.

Linkage				High Li	ft 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>	3.10	3.10	2.90	3.40	3.40	3.20
	$yd^3$	4.00	4.00	3.75	4.50	4.50	4.25
Capacity - Rated at 110% Fill Factor	$m^3$	3.40	3.40	3.20	3.70	3.70	3.50
	$yd^3$	4.50	4.50	4.25	4.75	4.75	4.50
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3434	3316	3316	3378	3258	3258
and 45° Discharge	ft/in	11'3"	10'10"	10'10"	11'0"	10'8"	10'8"
17† Reach at Maximum Lift and	mm	1456	1566	1566	1499	1609	1609
45° Discharge	ft/in	4'9"	5'1"	5'1"	4'11"	5'3"	5'3"
Reach at Level Lift Arm and	mm	3054	3215	3215	3127	3288	3288
Bucket Level	ft/in	10'0"	10'6"	10'6"	10'3"	10'9"	10'9"
A† Digging Depth	mm	41	41	11	41	41	11
	in	1.6"	1.6"	0.4"	1.6"	1.6"	0.4"
12† Overall Length	mm	8783	8955	8955	8856	9028	9028
	ft/in	28'10"	29'5"	29'5"	29'1"	29'8"	29'8"
<b>B</b> † Overall Height with Bucket at	mm	6083	6083	6083	6155	6155	6155
Maximum Lift	ft/in	20'0"	20'0"	20'0"	20'3"	20'3"	20'3"
Loader Clearance Circle Radius	mm	6937	7028	7028	6960	7052	7052
with Bucket at Carry Position	ft/in	22'10"	23'1"	23'1"	22'11"	23'2"	23'2"
Static Tipping Load, Straight	kg	13 555	13 417	13 694	13 396	13 257	13 530
(No tire deflection)	lb	29,883	29,580	30,191	29,534	29,228	29,829
Static Tipping Load, Articulated	kg	11 789	11 652	11 912	11 637	11 498	11 755
(No tire deflection)	lb	25,991	25,688	26,262	25,656	25,350	25,915
Breakout Force(§)	kN	195	194	212	184	183	199
	lbf	43,919	43,677	47,749	41,373	41,131	44,783
Operating Weight*	kg	23 212	23 320	23 163	23 305	23 413	23 256
	lb	51,173	51,411	51,065	51,379	51,617	51,271

<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.

Linkage				High Li	ft Linkage		
Bucket Type				General Pu	rpose – 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>	3.60	3.60	3.40	3.80	3.80	3.60
	$yd^3$	4.75	4.75	4.50	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00	3.70	4.20	4.20	4.00
	$yd^3$	5.25	5.25	4.75	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3351	3232	3232	3317	3197	3197
and 45° Discharge	ft/in	10'11"	10'7"	10'7"	10'10"	10'5"	10'5"
17† Reach at Maximum Lift and	mm	1521	1630	1630	1550	1659	1659
45° Discharge	ft/in	4'11"	5'4"	5'4"	5'1"	5'5"	5'5"
Reach at Level Lift Arm and	mm	3162	3323	3323	3208	3369	3369
Bucket Level	ft/in	10'4"	10'10"	10'10"	10'6"	11'0"	11'0"
A† Digging Depth	mm	41	41	11	41	41	11
	in	1.6"	1.6"	0.4"	1.6"	1.6"	0.4"
12† Overall Length	mm	8891	9063	9063	8937	9109	9109
	ft/in	29'3"	29'9"	29'9"	29'4"	29'11"	29'11"
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	6189	6189	6189	6236	6236	6236
Maximum Lift	ft/in	20'4"	20'4"	20'4"	20'6"	20'6"	20'6"
Loader Clearance Circle Radius	mm	6972	7064	7064	6987	7079	7079
with Bucket at Carry Position	ft/in	22'11"	23'3"	23'3"	23'0"	23'3"	23'3"
Static Tipping Load, Straight	kg	13 328	13 189	13 458	13 232	13 092	13 357
(No tire deflection)	lb	29,384	29,077	29,671	29,172	28,863	29,448
Static Tipping Load, Articulated	kg	11 573	11 433	11 687	11 481	11 341	11 590
(No tire deflection)	lb	25,514	25,207	25,765	25,312	25,003	25,552
Breakout Force(§)	kN	179	178	193	172	171	186
	lbf	40,252	40,010	43,485	38,855	38,613	41,876
Operating Weight*	kg	23 342	23 450	23 293	23 396	23 504	23 347
	lb	51,459	51,697	51,351	51,580	51,818	51,472

<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.

Linkage				High Li	ft Linkage		
Bucket Type			Gei	neral Purpose	– Hook-On – Fusi	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>	3.10	3.10	2.90	3.40	3.40	3.20
	yd³	4.00	4.00	3.75	4.50	4.50	4.25
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.40	3.40	3.20	3.70	3.70	3.50
	$yd^3$	4.50	4.50	4.25	4.75	4.75	4.50
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3395	3277	3277	3338	3219	3219
and 45° Discharge	ft/in	11'1"	10'9"	10'9"	10'11"	10'6"	10'6"
17† Reach at Maximum Lift and	mm	1501	1612	1612	1544	1654	1654
45° Discharge	ft/in	4'11"	5'3"	5'3"	5'0"	5'5"	5'5"
Reach at Level Lift Arm and	mm	3114	3275	3275	3187	3348	3348
Bucket Level	ft/in	10'2"	10'8"	10'8"	10'5"	10'11"	10'11"
A† Digging Depth	mm	41	41	11	41	41	11
	in	1.6"	1.6"	0.4"	1.6"	1.6"	0.4"
12† Overall Length	mm	8843	9015	9015	8916	9088	9088
	ft/in	29'1"	29'7"	29'7"	29'4"	29'10"	29'10"
<b>B</b> † Overall Height with Bucket at	mm	6116	6116	6116	6188	6188	6188
Maximum Lift	ft/in	20'1"	20'1"	20'1"	20'4"	20'4"	20'4"
Loader Clearance Circle Radius	mm	6947	7038	7038	6970	7062	7062
with Bucket at Carry Position	ft/in	22'10"	23'2"	23'2"	22'11"	23'3"	23'3"
Static Tipping Load, Straight	kg	12 970	12 833	13 153	12 842	12 704	13 022
(No tire deflection)	lb	28,595	28,293	28,998	28,313	28,008	28,709
Static Tipping Load, Articulated	kg	11 229	11 092	11 395	11 108	10 969	11 271
(No tire deflection)	lb	24,756	24,454	25,123	24,489	24,184	24,849
Breakout Force(§)	kN	186	185	201	175	174	189
	lbf	41,824	41,582	45,305	39,510	39,268	42,628
Operating Weight*	kg	23 682	23 790	23 633	23 752	23 860	23 703
	lb	52,209	52,447	52,101	52,363	52,601	52,255

<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.

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

Linkage				High Li	ft Linkage		
Bucket Type			Gei	neral Purpose	– Hook-On – Fusi	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>	3.60	3.60	3.40	3.80	3.80	3.60
	yd³	4.75	4.75	4.50	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00	3.70	4.20	4.20	4.00
	$yd^3$	5.25	5.25	4.75	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	3311	3192	3192	3277	3157	3157
and 45° Discharge	ft/in	10'10"	10'5"	10'5"	10'9"	10'4"	10'4"
17† Reach at Maximum Lift and	mm	1566	1675	1675	1595	1703	1703
45° Discharge	ft/in	5'1"	5'5"	5'5"	5'2"	5'7"	5'7"
Reach at Level Lift Arm and	mm	3222	3383	3383	3268	3429	3429
Bucket Level	ft/in	10'6"	11'1"	11'1"	10'8"	11'3"	11'3"
A† Digging Depth	mm	41	41	11	41	41	11
	in	1.6"	1.6"	0.4"	1.6"	1.6"	0.4"
12† Overall Length	mm	8951	9123	9123	8997	9169	9169
	ft/in	29'5"	30'0"	30'0"	29'7"	30'1"	30'1"
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	6222	6222	6222	6270	6270	6270
Maximum Lift	ft/in	20'5"	20'5"	20'5"	20'7"	20'7"	20'7"
Loader Clearance Circle Radius	mm	6982	7074	7074	6997	7090	7090
with Bucket at Carry Position	ft/in	22'11"	23'3"	23'3"	23'0"	23'4"	23'4"
Static Tipping Load, Straight	kg	12 779	12 640	12 957	12 696	12 556	12 872
(No tire deflection)	1b	28,174	27,868	28,566	27,990	27,682	28,379
Static Tipping Load, Articulated	kg	11 048	10 909	11 210	10 969	10 829	11 130
(No tire deflection)	1b	24,356	24,050	24,714	24,182	23,874	24,537
Breakout Force(§)	kN	171	170	184	165	164	177
	lbf	38,480	38,239	41,443	37,197	36,956	39,974
Operating Weight*	kg	23 786	23 894	23 737	23 831	23 939	23 782
	lb	52,438	52,676	52,330	52,537	52,775	52,429

<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.

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Linkage		High Lift Linkage	
Bucket Type		High Dump — Hook-On — Fusion	
Edge Type		Bolt-On Cutting Edges	
Capacity – Rated	m <sup>3</sup>	6.10	
	yd³	8.00	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	6.70	
	$yd^3$	8.75	
Width	mm	2910	
	ft/in	9'6"	
16† Dump Clearance at Maximum Lift	mm	2895	
and 45° Discharge	ft/in	9'6"	
17† Reach at Maximum Lift and	mm	1763	
45° Discharge	ft/in	5'9"	
Reach at Level Lift Arm and	mm	3671	
Bucket Level	ft/in	12'0"	
A† Digging Depth	mm	108	
	in	4.2"	
12† Overall Length	mm	9442	
	ft/in	31'0"	
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	6645	
Maximum Lift	ft/in	21'10"	
Loader Clearance Circle Radius	mm	7168	
with Bucket at Carry Position	ft/in	23'7"	
Static Tipping Load, Straight	kg	10 920	
(No tire deflection)	1b	24,076	
Static Tipping Load, Articulated	kg	9286	
(No tire deflection)	lb	20,473	
Breakout Force(§)	kN	124	
	lbf	27,942	
Operating Weight*	kg	24 821	
	lb	54,720	

<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.

Linkage		High Lift Linkage						
Bucket Type		Waste, Top Cla	mp – Pin-On	Waste, Load, Pin-		Waste, Dozing – Pin-C		
Edge Type		Steel Bolt-On Cutting Edges	Rubber Cutting Edges	Steel Bolt-On Cutting Edges	Rubber Cutting Edges	Steel Bolt-On Cutting Edges	Rubber Cutting Edges	
Capacity – Rated	$m^3$	4.40	4.40	6.10	6.10	5.40	5.40	
• •	yd³	5.75	5.75	8.00	8.00	7.00	7.00	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.80	4.80	6.70	6.70	5.90	5.90	
	$yd^3$	6.25	6.25	8.75	8.75	7.75	7.75	
Width	mm	3059	3059	3059	3059	3059	3032	
	ft/in	10'0"	10'0"	10'0"	10'0"	10'0"	9'11"	
<b>16</b> † Dump Clearance at Maximum Lift	mm	2807	2709	3025	2928	3291	3193	
and 45° Discharge	ft/in	9'2"	8'10"	9'11"	9'7"	10'9"	10'5"	
17† Reach at Maximum Lift and	mm	1927	1866	1720	1659	1454	1393	
45° Discharge	ft/in	6'3"	6'1"	5'7"	5'5"	4'9"	4'6"	
Reach at Level Lift Arm and	mm	3849	3875	3549	3574	3172	3198	
Bucket Level	ft/in	12'7"	12'8"	11'7"	11'8"	10'4"	10'5"	
A† Digging Depth	mm	19	19	11	11	46	158	
	in	0.7"	0.7"	0.4"	0.4"	1.8"	6.2"	
12† Overall Length	mm	9586	9681	9281	9376	8904	9000	
	ft/in	31'6"	31'10"	30'6"	30'10"	29'3"	29'7"	
<b>B</b> † Overall Height with Bucket at	mm	5838	5838	6437	6437	6644	6644	
Maximum Lift	ft/in	19'2"	19'2"	21'2"	21'2"	21'10"	21'10"	
Loader Clearance Circle Radius	mm	7572	7622	7162	7236	7026	7087	
with Bucket at Carry Position	ft/in	24'11"	25'1"	23'6"	23'9"	23'1"	23'3"	
Static Tipping Load, Straight	kg	8627	8690	12 181	12 139	12 935	12 893	
(No tire deflection)	lb	19,020	19,159	26,856	26,763	28,518	28,425	
Static Tipping Load, Articulated	kg	7243	7306	10 478	10 435	11 136	11 094	
(No tire deflection)	lb	15,969	16,107	23,100	23,006	24,552	24,458	
Breakout Force(§)	kN	32	39	141	141	175	171	
	lbf	7,242	8,834	31,801	31,716	39,352	38,523	
Operating Weight*	kg	25 058	24 986	24 061	24 099	24 189	24 219	
	lb	55,243	55,084	53,045	53,129	53,326	53,392	

<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**Forestry Machine

The Cat 962 Wheel Loader Forestry package provides the additional performance, productivity, and safety that is demanded in the woods and the millyard.

#### **Proven Reliability**

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

#### **Durability**

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

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

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

#### **Safety Features**

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.

- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.

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

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

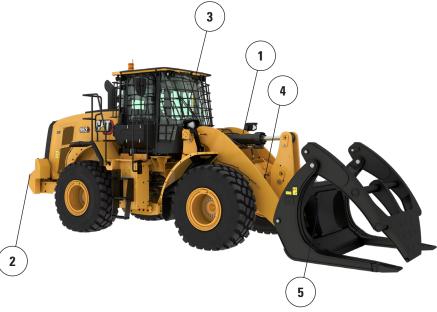
#### Work in Comfort in the All New Cab

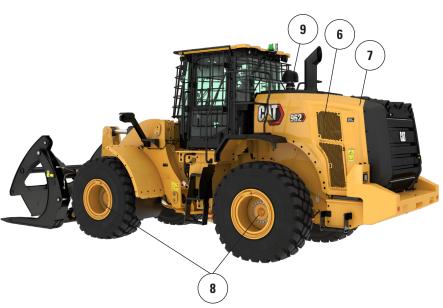
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s)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

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

#### **962 Forestry Machine Features**

- Larger tilt cylinder and larger lift cylinders for increased load control in fork applications
- 2. Heavier counterweight provides increased tipping loads in a millyard application
- 3. Optional window guarding to provide impact resistance to the glass
- 4. Optional 3<sup>rd</sup> and 4<sup>th</sup> function hydraulics provide auxiliary hydraulic control for work tools like millyard or logging forks
- 5. Wide range of millyard work tools





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

#### **Tire Options**

Tire Brand	BRIDGESTONE	MICHELIN	MICHELIN	BRIDGESTONE	MAXAM
Tire Size	23.5R25	23.5R25	750/65R25	750/65R25	23.5R25
Tread Type	L-3	L-3	L-3	L-3	L-3
Tread Pattern	VJT	XHA2	XLD	VTS	MS302
Casing Strength	*	*	*	*	**
Width over Tires – Maximum (empty)*	2804 mm 9'3"	2823 mm 9'4"	2942 mm 9'8"	2935 mm 9'8"	2825 mm 9'4"
Width over Tires – Maximum (loaded)*	2825 mm 9'4"	2830 mm 9'4"	2961 mm 9'9"	2953 mm 9'9"	2829 mm 9'4"
Change in Vertical Dimensions		10 mm	15 mm	20 mm	14 mm
(average of front and rear)		0.4"	0.6"	0.8"	0.6"
Change in Horizontal Reach		-6 mm -0.2"	5 mm 0.2"	-4 mm -0.2"	-15 mm -0.6"
Change in Clearance Circle to Outside of Tires		4 mm 0.2"	135 mm 5.3"	128 mm 5"	4 mm 0.1"
Change in Clearance Circle to Inside of Tires		-4 mm -0.2"	-135 mm -5.3"	-128 mm -5"	-4 mm -0.1"
Change in Operating Weight (without ballast)		-156 kg -344 lb	633 kg 1,395 lb	737 kg 1,625 lb	0 kg 0 lb
Change in Static Tipping Load – Straight		-99 kg -218 lb	402 kg 886 lb	468 kg 1,032 lb	0 kg 0 lb
Change in Static Tipping Load – Articulated		-87 kg -191 lb	351 kg 774 lb	409 kg 902 lb	0 kg 0 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±8 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	481 mm 1'7"	481 mm 1'7"	298 mm 1'0"	298 mm 1'0"	481 mm 1'7"

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

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

Linkage			Forestry Linkage	
Bucket Type			High Dump — Pin-On	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	6.10	7.60	9.20
	$yd^3$	8.00	10.00	12.00
Capacity - Rated at 110% Fill Factor	$m^3$	6.70	8.40	10.10
	$yd^3$	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
<b>16</b> † Dump Clearance at Maximum Lift	mm	2538	2467	2326
and 45° Discharge	ft/in	8'3"	8'1"	7'7"
17† Reach at Maximum Lift and	mm	1771	1842	1983
45° Discharge	ft/in	5'9"	6'0"	6'6"
Reach at Level Lift Arm and	mm	3476	3576	3776
Bucket Level	ft/in	11'4"	11'8"	12'4"
A† Digging Depth	mm	73	73	73
	in	2.9"	2.9"	2.9"
12† Overall Length	mm	9316	9416	9616
	ft/in	30'7"	30'11"	31'7"
<b>B</b> † Overall Height with Bucket at	mm	6176	6262	6463
Maximum Lift	ft/in	20'4"	20'7"	21'3"
Loader Clearance Circle Radius	mm	7052	7221	7289
with Bucket at Carry Position	ft/in	23'2"	23'9"	23'11"
Static Tipping Load, Straight	kg	12 776	12 445	12 088
(With tire deflection)	lb	28,168	27,437	26,649
Static Tipping Load, Straight	kg	13 602	13 271	12 917
(No tire deflection)	lb	29,987	29,257	28,477
Static Tipping Load,	kg	10 743	10 425	10 090
Articulated (With tire deflection)	lb	23,686	22,984	22,244
Static Tipping Load, Articulated	kg	11 587	11 269	10 938
(No tire deflection)	lb	25,546	24,845	24,115
Breakout Force (§)	kN	144	135	121
	lbf	32,439	30,424	27,226
Operating Weight*	kg	21 945	22 174	22 347
	lb	48,380	48,885	49,266

<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, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

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

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

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

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

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

Linkage			Forestry Linkage				
Bucket Type		High Dump — Hook-On — Fusion					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	$m^3$	6.10	7.60	9.20			
	yd³	8.00	10.00	12.00			
Capacity - Rated at 110% Fill Factor	$m^3$	6.70	8.40	10.10			
	$yd^3$	8.75	11.00	13.25			
Width	mm	3037	3350	3350			
	ft/in	9'11"	10'11"	10'11"			
16† Dump Clearance at Maximum Lift	mm	2493	2421	2280			
and 45° Discharge	ft/in	8'2"	7'11"	7'5"			
17† Reach at Maximum Lift and	mm	1816	1888	2029			
45° Discharge	ft/in	5'11"	6'2"	6'7"			
Reach at Level Lift Arm and	mm	3540	3641	3841			
Bucket Level	ft/in	11'7"	11'11"	12'7"			
A† Digging Depth	mm	103	73	73			
	in	4"	2.9"	2.9"			
12† Overall Length	mm	9380	9481	9681			
	ft/in	30'10"	31'2"	31'10"			
<b>B</b> † Overall Height with Bucket at	mm	6237	6303	6504			
Maximum Lift	ft/in	20'6"	20'9"	21'5"			
Loader Clearance Circle Radius	mm	7073	7243	7312			
with Bucket at Carry Position	ft/in	23'3"	23'10"	24'0"			
Static Tipping Load, Straight	kg	11 650	11 781	11 433			
(With tire deflection)	lb	25,685	25,972	25,206			
Static Tipping Load, Straight	kg	12 402	12 590	12 245			
(No tire deflection)	lb	27,343	27,756	26,997			
Static Tipping Load,	kg	9724	9791	9465			
Articulated (With tire deflection)	lb	21,437	21,585	20,868			
Static Tipping Load, Articulated	kg	10 497	10 619	10 297			
(No tire deflection)	lb	23,142	23,412	22,701			
Breakout Force (§)	kN	131	129	116			
	lbf	29,561	29,209	26,201			
Operating Weight*	kg	22 522	22 741	22 913			
	lb	49,652	50,135	50,514			

<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, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

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

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

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

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

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

Linkage			Forestry Linkage					
Bucket Type		High I	High Dump - Hook-On - Fusion - VCE Small					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	6.10	7.60	9.20				
	$yd^3$	8.00	10.00	12.00				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	6.70	8.40	10.10				
	$yd^3$	8.75	11.00	13.25				
Width	mm	3037	3350	3350				
	ft/in	9'11"	10'11"	10'11"				
16† Dump Clearance at Maximum Lift	mm	2481	2411	2269				
and 45° Discharge	ft/in	8'1"	7'10"	7'5"				
17† Reach at Maximum Lift and	mm	1827	1898	2040				
45° Discharge	ft/in	5'11"	6'2"	6'8"				
Reach at Level Lift Arm and	mm	3556	3656	3856				
Bucket Level	ft/in	11'8"	11'11"	12'7"				
A† Digging Depth	mm	73	73	73				
	in	2.9"	2.9"	2.9"				
2† Overall Length	mm	9396	9496	9696				
	ft/in	30'10"	31'2"	31'10"				
<b>B</b> † Overall Height with Bucket at	mm	6222	6310	6511				
Maximum Lift	ft/in	20'5"	20'9"	21'5"				
Loader Clearance Circle Radius	mm	7077	7248	7319				
with Bucket at Carry Position	ft/in	23'3"	23'10"	24'1"				
Static Tipping Load, Straight	kg	12 207	11 879	11 532				
(With tire deflection)	lb	26,913	26,190	25,424				
Static Tipping Load, Straight	kg	13 013	12 685	12 340				
(No tire deflection)	lb	28,689	27,966	27,206				
Static Tipping Load,	kg	10 212	9897	9570				
Articulated (With tire deflection)	lb	22,513	21,819	21,099				
Static Tipping Load, Articulated	kg	11 036	10 721	10 399				
(No tire deflection)	lb	24,332	23,637	22,926				
Breakout Force(§)	kN	137	128	115				
	lbf	30,806	28,929	25,961				
Operating Weight*	kg	22 290	22 520	22 693				
	lb	49,141	49,648	50,029				

<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, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

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

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

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

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

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

Linkage				Forestry Linkage		
Bucket Type		Flat Floor – Pin-On	Woodchi	p – Pin-On	Woodchip – Ho	ook-On – Fusion
Edge Type		Bolt-On Cutting Edges				
Capacity – Rated	$m^3$	6.10	9.20	9.90	9.20	9.90
	yd³	8.00	12.00	13.00	12.00	13.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	6.70	10.10	10.90	10.10	10.90
	$yd^3$	8.75	13.25	14.25	13.25	14.25
Width	mm	3357	3330	3330	3330	3330
	ft/in	11'0"	10'11"	10'11"	10'11"	10'11"
<b>16</b> † Dump Clearance at Maximum Lift	mm	2105	2450	2375	2357	2353
and 45° Discharge	ft/in	6'10"	8'0"	7'9"	7'8"	7'8"
17† Reach at Maximum Lift and	mm	2069	1866	1941	1959	1963
45° Discharge	ft/in	6'9"	6'1"	6'4"	6'5"	6'5"
Reach at Level Lift Arm and	mm	3993	3605	3711	3737	3743
Bucket Level	ft/in	13'1"	11'9"	12'2"	12'3"	12'3"
A† Digging Depth	mm	199	98	98	98	98
	in	7.8"	3.8"	3.8"	3.8"	3.8"
12† Overall Length	mm	9898	9442	9548	9574	9580
	ft/in	32'6"	31'0"	31'4"	31'5"	31'6"
<b>B</b> † Overall Height with Bucket at	mm	5761	6454	6546	6512	6563
Maximum Lift	ft/in	18'11"	21'3"	21'6"	21'5"	21'7"
Loader Clearance Circle Radius	mm	7520	7220	7256	7266	7268
with Bucket at Carry Position	ft/in	24'9"	23'9"	23'10"	23'11"	23'11"
Static Tipping Load, Straight	kg	9502	13 203	13 127	11 861	11 911
(With tire deflection)	lb	20,949	29,108	28,940	26,150	26,260
Static Tipping Load, Straight	kg	10 103	14 055	13 988	12 612	12 670
(No tire deflection)	lb	22,274	30,986	30,840	27,805	27,934
Static Tipping Load,	kg	7736	11 171	11 088	9962	10 006
Articulated (With tire deflection)	lb	17,055	24,629	24,446	21,963	22,060
Static Tipping Load, Articulated	kg	8362	12 041	11 968	10 734	10 787
(No tire deflection)	lb	18,436	26,546	26,384	23,665	23,781
Breakout Force(§)	kN	98	129	122	120	120
1-2	lbf	22,235	29,083	27,471	27,171	27,022
Operating Weight*	kg	23 548	21 447	21 539	22 082	22 043
2 0	lb	51,914	47,282	47,485	48,682	48,596

<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, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, powertrain guard, secondary steering and sound suppression.

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

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

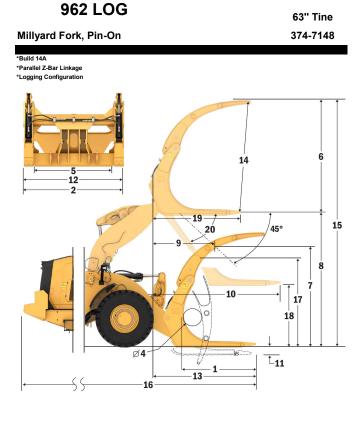
<sup>(</sup>With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

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

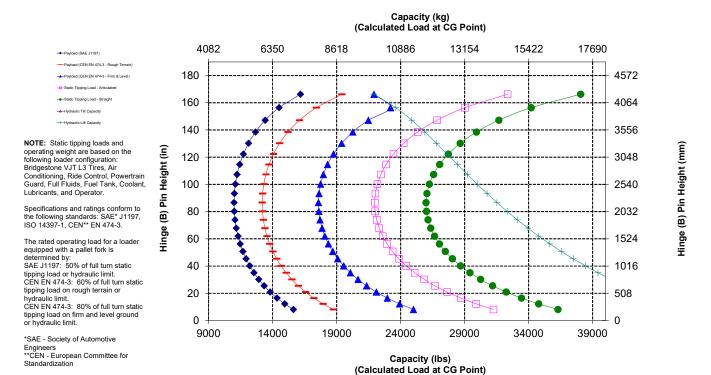
Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

#### **Fork Specifications**

	ik opecinications		
1	Tine length	mm in	1609 63.3
_		mm	2324
2	Fork width	in	91.5
		m2	1.26
	End area	ft2	14
_	Inside Height	mm	0
3	(only applies to double top clamp)	in	Ō
4	Min. opening	mm	427
4	(only applies to millyard forks)	in	17
	On	kg	21601
	Operating Weight	lbs	47621
-	Distance invide of the time	mm	1780
5	Distance inside of tine tips	in	70
	Static tipping load, articulated	kg	9970
	Fork level	lbs	21980.3
	Static tipping load, straight	kg	11788
	Fork level	lbs	25987.9
6	Max. height of fork	mm	2843
ь	(w/clamp open if applicable)	in	111.9
7	Clearance w/full lift, 45 deg dump	mm	2817
'	(if max. dump <> 45)	in	110.9
8	Clearance @ full lift fork level	mm	3949
٥	Clearance @ Idii IIIt lork level	in	155.5
9	Reach w/full lift, 45 deg dump	mm	1544
_	(if max. dump <> 45)	in	60.8
10	Reach w/lift arm horizontal and fork level	mm	3118
	Trought White drift florizontal and fork level	in	122.8
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-68
	Cround to Bottom of 1001 at Miniman Holght and 1001 E0101	in	-2.7
12	Width over tines	mm	2286
	Triality of this control this c	in	90.0
13	Reach @ ground level	mm	2538
	Trouble & ground for or	in	100
14	Max. opening across tine and clamp	mm	2709
•	. ,	in	106.7
15	Overall height of fork @ full lift and	mm	6792
	clamp open	in	267.4
16	Overall length	mm	8932
	Tip of tine to rear of machine	in	351.7
17	Clearance @ full lift and max. dump Discharge (if <> 45)	mm in	2804 110.4
	Clearance w/horizontal lift arms and	mm	1797.2
18	fork level	in	70.8
		mm	2239.5
19	Reach @ full lift and fork level	in	88.2
		deg	46
20	Max. discharge angle from horizontal	rad	0.8
		iau	3.0



\*Negative values indicate below grade



#### **Fork Specifications**

**Fork Specifications** 

13 Reach @ ground level

clamp open

Overall length

15

17

14 Max. opening across tine and clamp

Overall height of fork @ full lift and

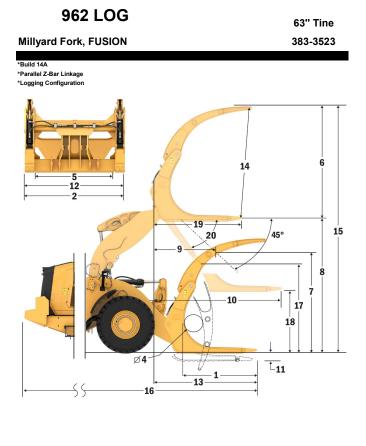
Tip of tine to rear of machine
Clearance @ full lift and max. dump
Discharge (if <> 45)

Clearance w/horizontal lift arms and

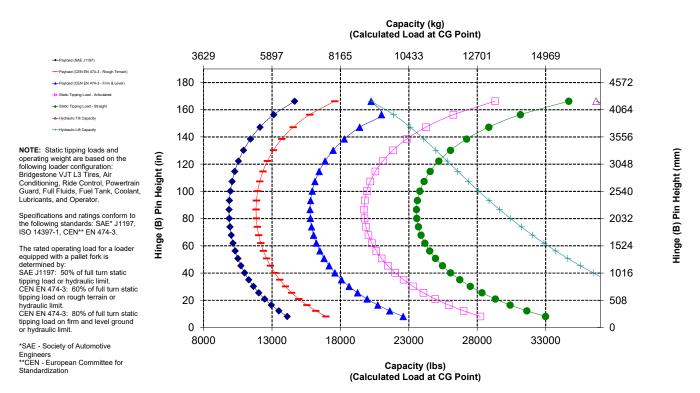
20 Max, discharge angle from horizontal

19 Reach @ full lift and fork level

1	Tine length	mm	1609
		in	63.3
2	Fork width	mm	2324
_		in	91.5
	End area	m2	1.26
		ft2	14
3	Inside Height	mm	0
	(only applies to double top clamp)	in	0
4	Min. opening	mm	427
•	(only applies to millyard forks)	in	17
	Operating Weight	kg	22273
		lbs	49102
5	Distance inside of tine tips	mm	1780
_	Distance monde of the upo	in	70
	Static tipping load, articulated	kg	8947
	Fork level	lbs	19724.4
	Static tipping load, straight	kg	10685
	Fork level	lbs	23557.3
6	Max. height of fork	mm	2843
•	(w/clamp open if applicable)	in	111.9
7	Clearance w/full lift, 45 deg dump	mm	2730
	(if max. dump <> 45)	in	107.5
8	Clearance @ full lift fork level	mm	3963
٥	Clearance @ full filt lork level	in	156.0
9	Reach w/full lift, 45 deg dump	mm	1650
9	(if max. dump <> 45)	in	65.0
10	Reach w/lift arm horizontal and fork level	mm	3255
10	Neach William Honzonial and lork level	in	128.2
44	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-54
П	Ground to bottom or roof at Minimum Height and 1001 Level	in	-2.1
42	Width over tines	mm	2286
12	Width over times	in	00.0



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



mm

in mm 2709

in

in

mm 2456

in

mm

in

deg 63

rad

105

106.7

267.9

9059 mm

356.7

1810.9

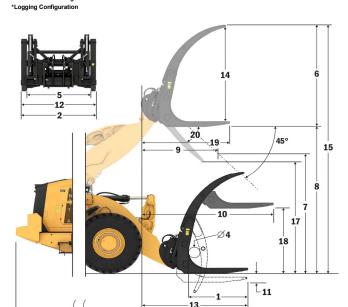
2376.6

93.6

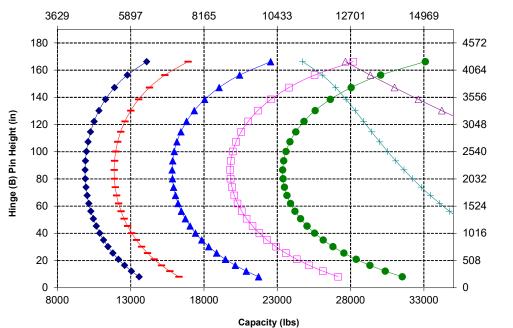
#### **Fork Specifications**

	ik opcomoduono		
1	Tine length	mm in	1677 66.0
_			2236
2	Fork width	mm in	88.0
		m2	1.39
	End area	ft2	1.59
	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
	Min. opening	mm	330
4	(only applies to millyard forks)	in	13
	, , , , , , , , , , , , , , , , , , , ,	kg	21541
	Operating Weight	lbs	47489
		mm	1904
5	Distance inside of tine tips	in	75
	Static tipping load, articulated	kg	8974
	Fork level	lbs	19783
	Static tipping load, straight	kq	10600
	Fork level	lbs	23367.
	Max. height of fork	mm	3148
6	(w/clamp open if applicable)	in	123.9
_	Clearance w/full lift, 45 deg dump	mm	2535
7	(if max. dump <> 45)	in	99.8
_	, , ,	mm	3923
8	Clearance @ full lift fork level	in	154.4
_	Reach w/full lift, 45 deg dump	mm	1789
9	(if max. dump <> 45)	in	70.4
	. ,	mm	3492
10	Reach w/lift arm horizontal and fork level	in	137.5
_		mm	-94
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-3.7
		mm	2184
12	Width over tines	in	86.0
		mm	2930
13	Reach @ ground level	in	115
		mm	2914
14	Max. opening across tine and clamp	in	114.7
	Overall height of fork @ full lift and	mm	7071
15	clamp open	in	278.4
_	Overall length	mm	9324
16	Tip of tine to rear of machine	in	367.1
	Clearance @ full lift and max. dump	mm	2357
17	Discharge (if <> 45)	in	92.8
	Clearance w/horizontal lift arms and	mm	1770.9
18	fork level	in	69.7
		mm	2612.9
19	Reach @ full lift and fork level	in	102.9
_		deg	54
20	Max. discharge angle from horizontal	rad	0.9
_		rau	0.9





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



(Calculated Load at CG Point)

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

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

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

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization Hinge (B) Pin Height (mm)

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

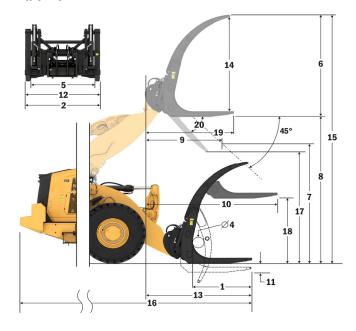
#### **Fork Specifications**

Fork Specifica	ations
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	in openiounons		
1	Tine length	mm in	1677 66.0
		mm	2236
2	Fork width	in	88.0
_		m2	1.39
	End area	ft2	1.59
	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
	Min. opening	mm	330
4	(only applies to millyard forks)	in	13
	,	kg	20980
	Operating Weight	lbs	46252
_		mm	1904
5	Distance inside of tine tips	in	75
	Static tipping load, articulated	kg	9666
	Fork level	lbs	21309.6
	Static tipping load, straight	kg	11338
	Fork level	lbs	24994.9
_	Max. height of fork	mm	3144
6	(w/clamp open if applicable)	in	123.8
7	Clearance w/full lift, 45 deg dump	mm	2550
'	(if max. dump <> 45)	in	100.4
8	Clearance @ full lift fork level	mm	3847
۰		in	151.5
9	Reach w/full lift, 45 deg dump	mm	1667
_	(if max. dump <> 45)	in	65.6
10	Reach w/lift arm horizontal and fork level	mm	3394
	Trought With Carrier and Carri	in	133.6
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-170
		in	-6.7
12	Width over tines	mm	2184
		in	86.0
13	Reach @ ground level	mm	2885
		in	114
14	Max. opening across tine and clamp	mm	2914
		in	114.7
15	Overall height of fork @ full lift and	mm	6990
	clamp open Overall length	in	275.2
16	Tip of tine to rear of machine	mm :	9279
	Clearance @ full lift and max. dump	in	365.3
17	Discharge (if <> 45)	mm	2535
	Clearance w/horizontal lift arms and	in mm	99.8 1695.0
18	fork level	in	1695.0
		mm	2515.4
19	Reach @ full lift and fork level	in	2515.4 99.0
		deg	46
20	Max. discharge angle from horizontal	rad	0.8
_	***************************************	iau	0.0
	*Negative values indicate below grade		



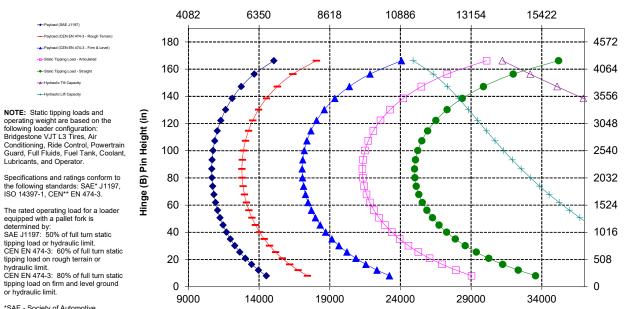
\*Parallel Z-Bar Linkage \*Logging Configuration



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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



Capacity (lbs) (Calculated Load at CG Point)

\*SAE - Society of Automotive

or hydraulic limit.

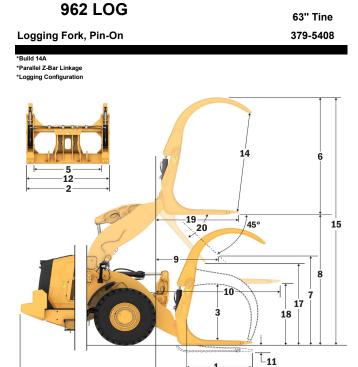
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Lubricants, and Operator.

Engineers
\*\*CEN - European Committee for Standardization

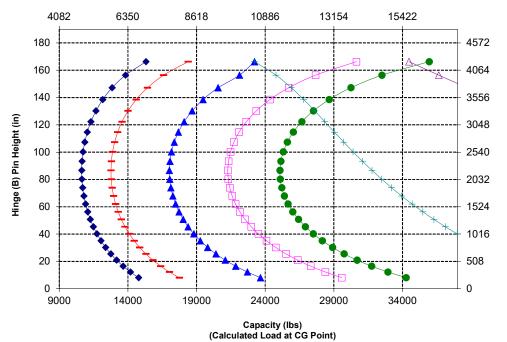
#### **Fork Specifications**

	in opecinications		
1	Tine length	mm in	1609 63.3
_		mm	2332
2	Fork width	in	91.8
		m2	1.9
	End area	ft2	20
	Inside Height	mm	1381
3	(only applies to double top clamp)	in	54
	Min. opening	mm	N/A
4	(only applies to millyard forks)		N/A
	, , , , , , , , , , , , , , , , , , , ,	<u>in</u> kg	21413
	Operating Weight	-	
		lbs mm	47206 1776
5	Distance inside of tine tips		
	Static tipping load, articulated	in	70
	Fork level	kg	9652
		lbs	21279.2
	Static tipping load, straight Fork level	kg	11373
	Max, height of fork	lbs	25073.4
6	5	mm	2944
	(w/clamp open if applicable)	in	115.9
7	Clearance w/full lift, 45 deg dump	mm	2816
	(if max. dump <> 45)	in	110.9
8	Clearance @ full lift fork level	mm	3950
_		in	155.5
9	Reach w/full lift, 45 deg dump	mm	1545
_	(if max. dump <> 45)	in	60.8
10	Reach w/lift arm horizontal and fork level	mm	3120
		in	122.8
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-67
•••	Croana to Bottom or roof at miniman riolgitt and roof Eoro	in	-2.6
12	Width over tines	mm	2298
<u> </u>	Width over thice	in	90.5
13	Reach @ ground level	mm	2540
	Troubin & ground lover	in	100
11	Max. opening across tine and clamp	mm	2542
'-	Max. opening across tine and clamp	in	100.1
15	Overall height of fork @ full lift and	mm	6893
13	clamp open	in	271.4
16	Overall length	mm	8934
10	Tip of tine to rear of machine	in	351.7
17	Clearance @ full lift and max. dump	mm	2803
17	Discharge (if <> 45)	in	110.4
40	Clearance w/horizontal lift arms and	mm	1797.7
18	fork level	in	70.8
		mm	2241.2
19	Reach @ full lift and fork level	in	88.2
		deg	46
20	Max. discharge angle from horizontal	rad	0.8
		iau	0.0



13-

#### 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.

---- Hydraulic Lift Capacity

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

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

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization Hinge (B) Pin Height (mm)

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

#### **Fork Specifications**

**Fork Specifications** 

clamp open

Overall length

15

13 Reach @ ground level

14 Max. opening across tine and clamp

Overall height of fork @ full lift and

Tip of tine to rear of machine
Clearance @ full lift and max. dump
Discharge (if <> 45)

Clearance w/horizontal lift arms and

19 Reach @ full lift and fork level

1	Tine length	mm	917
	Tille length	in	36.1
2	Fork width	mm	1855
	1 OIR WIGHT	in	73.0
	End area	m2	2.5
	Lind area	ft2	27
3	Inside Height	mm	0
•	(only applies to double top clamp)	in	0
4	Min. opening	mm	1450
-	(only applies to millyard forks)	in	57
	Operating Weight	kg	21651
	Operating Weight	lbs	47731
5	Distance inside of tine tips	mm	1314
3	Distance inside of tine tips	in	52
	Static tipping load, articulated	kg	8977
	Fork level	lbs	19791.2
	Static tipping load, straight	kg	10618
	Fork level	lbs	23407.8
6	Max. height of fork	mm	3433
0	(w/clamp open if applicable)	in	135.1
7	Clearance w/full lift, 45 deg dump	mm	3211
'	(if max. dump <> 45)	in	126.4
8	Ol @ f./l/	mm	3862
ō	Clearance @ full lift fork level	in	152.1
9	Reach w/full lift, 45 deg dump	mm	1027
9	(if max. dump <> 45)	in	40.4
10	Reach w/lift arm horizontal and fork level	mm	2474
10	reach white arm nonzontal and lork level	in	97.4
44	*Cround to Bottom of Tool at Minimum Height and T!!-	mm	-155
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-6.1
40	\A(!- 44	mm	1850
12	Width over tines		

mm mm

in mm 3123

in

in

mm 3131 123.3

in

mm 1710.3

in 67.3 1595.2

deg 57

rad

77

123.0

287 2

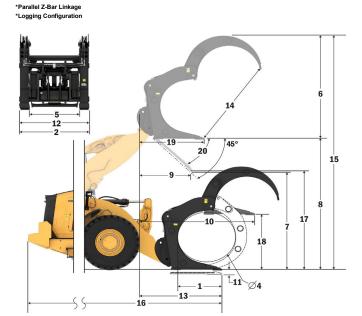
8348 mm

328.7

62.8

1.0





Hinge (B) Pin Height (mm)

<sup>20</sup> Max, discharge angle from horizontal \*Negative values indicate below grade



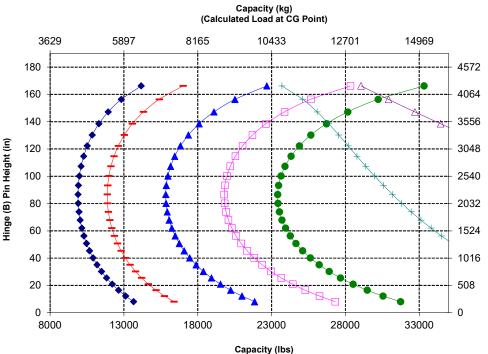


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator,

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

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

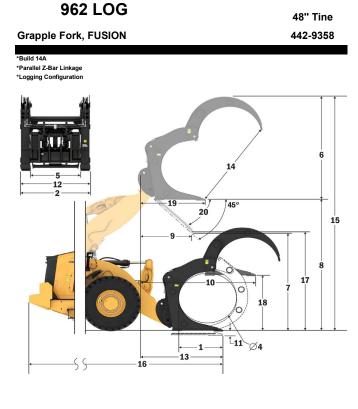
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for Standardization



(Calculated Load at CG Point)

#### **Fork Specifications**

	ik opecilications		
1	Tine length	mm in	1220 48.0
_	= 1 110	mm	1855
2	Fork width	in	73.0
	Full acco	m2	2.63
	End area	ft2	28
3	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
4	Min. opening	mm	1448
•	(only applies to millyard forks)	in	57
	Operating Weight	kg	21812
	Operating Weight	lbs	48086
5	Distance inside of tine tips	mm	1314
	Distance made of tine tips	in	52
	Static tipping load, articulated	kg	8720
	Fork level	lbs	19223.1
	Static tipping load, straight	kg	10344
	Fork level	lbs	22805.2
6	Max. height of fork	mm	3356
	(w/clamp open if applicable)	in	132.1
7	Clearance w/full lift, 45 deg dump	mm	3029
	(if max. dump <> 45)	in	119.3
8	Clearance @ full lift fork level	mm	3935
		in	154.9
9	Reach w/full lift, 45 deg dump	mm	1312
	(if max. dump <> 45)	in	51.6
10	Reach w/lift arm horizontal and fork level	mm	2804
		in	110.4
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-82
		in	-3.2
12	Width over tines	mm	1850
		in	72.8
13	Reach @ ground level	mm	2234
		in	88
14	Max. opening across tine and clamp	mm	3027
		in	119.2
15	Overall height of fork @ full lift and	mm	7291
	clamp open	in	287.1
16	Overall length	mm	8628
	Tip of tine to rear of machine Clearance @ full lift and max. dump	in	339.7
17	Discharge (if <> 45)	mm	2896
	Clearance w/horizontal lift arms and	in	114.0
18	fork level	mm	1783.0
	IOLV ICACI	in	70.2
19	Reach @ full lift and fork level	mm	1925.5
		in	75.8
20	Max. discharge angle from horizontal	deg	57
		rad	1.0



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

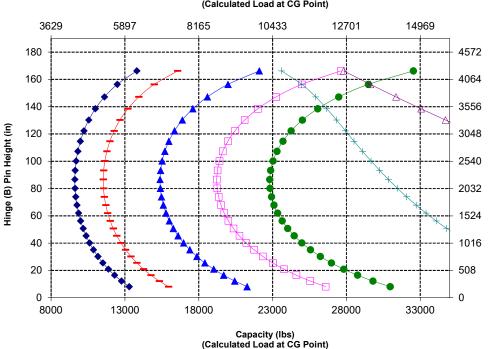


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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



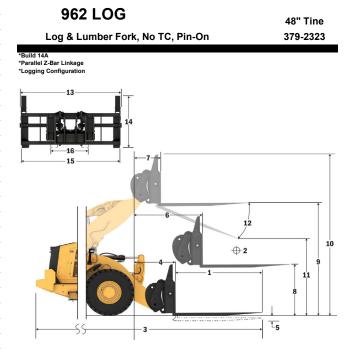
Hinge (B) Pin Height (mm)

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

#### **Fork Specifications**

#### **Fork Specifications**

	ik opecinications		
1	Tine Length	mm in	1219 48.0
2	Lord Contra	mm	610
	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	12368
	··FF····89··· (·)	lbs	27260
	Static Tipping Load - Articulated (Forks Level)	kg lbs	10675 23529
		kg	5338
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	11764
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6405
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	14117
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8540
		lbs	18823
3	Maximum Overall Length	mm	8855
	<del>-</del>	in mm	348.6 1242
4	Reach with Forks at Ground Level	in	48.9
		mm	-84
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.3
6	Reach with Arms Horizontal and Forks Level	mm	1765
	Treach with Anns Honzontal and Forks Level	in	69.5
7	Reach with Fork at Maximum Height	mm	886
		in	34.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1846 72.7
		mm	3997
9	Ground to Top of Tine at Maximum Height and Fork Level	in	157.4
40	O	mm	5533
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	217.8
11	Clearance at Full Lift and Max Dump	mm	2888
•••	Oldardinoe de l'un Ene dira max Bump	in	113.7
12	Max Discharge Angle from Horizontal	deg	46
		mm	2470
13	Overall Carriage Width	in	97.3
	O	mm	1601
14	Overall Carriage Height	in	63.0
15	Outside Tine Width (max spread)	mm	2366
13	Outside Tille Width (Max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
	· · · · ·	in	39.4
	Tine Width (single tine)	mm in	180.0 7.1
	T. 7:1	mm	65.0
	Tine Thickness	in	2.6
	Tino Conocity	kg	10500
	Tine Capacity	lbs	23142
	Operating Weight	kg	20077
	opolouing 11 oight	lbs	44249



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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

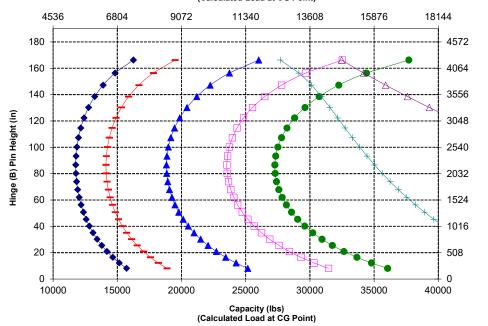


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

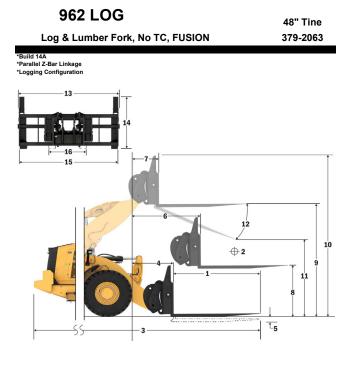
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for Standardization





#### **Fork Specifications**

1	Tine Length	mm in	1219 48.0
_	Load Center	mm	610
2	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	1167
	Otatio ripping Load - Otraight (Forto Level)	lbs	2573
	Static Tipping Load - Articulated (Forks Level)	kg	1002
_	· · · · · · · · · · · · · · · · · · ·	lbs	2210
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	5014 1105
		kg	6017
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	1326
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	8022
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	1768
3	Maximum Overall Length	mm	894
_	Waxiindiii Overali Leligiii	in	352.
4	Reach with Forks at Ground Level	mm	1328
_		in	52.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-83
		in mm	-3.3 1853
6	Reach with Arms Horizontal and Forks Level	in	72.9
_		mm	974
7	Reach with Fork at Maximum Height	in	38.3
_	Occupated to Ton of Time with Asses Hesitanatal and Federated	mm	184
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3999
_	Ordana to Top of Time at Maximum Floight and Fork Ecver	in	157.
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5537
		in	218.
11	Clearance at Full Lift and Max Dump	mm	2762 108.
	<u> </u>	in	
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	247
		in mm	97.3
14	Overall Carriage Height	in	63.1
		mm	2366
15	Outside Tine Width (max spread)	in	93.1
40	Outside Time Width (min annual)	mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.
	Tillo Widdi (Singlo tillo)	in	7.1
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg	1050
_	• •	lbs	2314
	Operating Weight	kg	2058 4535
	· • •	lbs	4535



\*Negative values indicate below grade

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



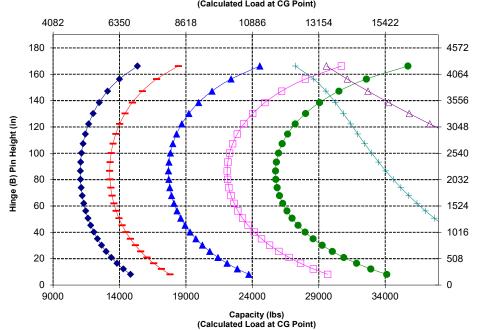
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

tipping load on firm and level ground or hydraulic limit.







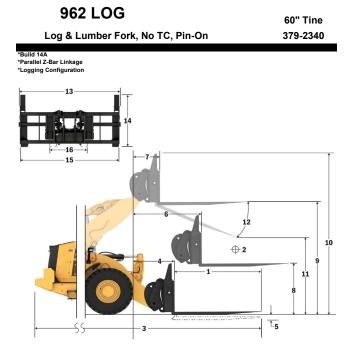
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

#### **Fork Specifications**

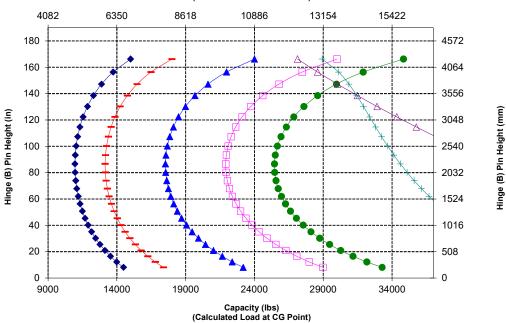
#### **Fork Specifications**

ine Length oad Center itatic Tipping Load - Straight (Forks Level)	mm in mm in	1524 60.0 762 30.0
	mm in	762
	in	
tatic Tipping Load - Straight (Forks Level)	lea	
itatic ripping Load - Otraight (Forks Level)	kg	1154
	lbs	2544
static Tipping Load - Articulated (Forks Level)	kg	9940
11 5	lbs	2190
Rated Load (SAE J1197 - 50% FTSTL)		4970
		1095 5964
ated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		1314
Reted Load (CEN EN 474 3 Firm and Lavel Cround 900/ ETCTL)	ka	7952
ated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	1752
Assimum Overall Length	mm	9201
laximum Overali Lengin	in	362.
Reach with Forks at Ground Level		1283
		50.5
Ground to Bottom of Tine at Minimum Height and Fork Level		-84
		-3.3 1790
leach with Arms Horizontal and Forks Level		70.5
		911
leach with Fork at Maximum Height		35.9
Pround to Ton of Tine with Arms Herizontal and Fork Level	mm	1871
sound to Top of Tine with Arms Horizontal and Fork Level	in	73.6
Ground to Top of Tine at Maximum Height and Fork Level	mm	4022
Tourist to Top of Time at maximum Holght and Fort 2010		158.
overall Height of Fork at Full Lift (top of carriage to ground)		5533
· · · · · · · · · · · · · · · · · · ·		217.8
learance at Full Lift and Max Dump		104.4
lax Discharge Angle from Horizontal	deg	46
Overall Carriage Width	mm	2470
		97.3 1601
Overall Carriage Height		63.0
		2366
Outside Tine Width (max spread)		93.1
Nutsido Tino Width (min enroad)	mm	1002
ruiside Tille Widill (Illill Spread)	in	39.4
ine Width (single tine)	mm	180.0
		7 4
and width (single tine)	in	7.1
ine Thickness	mm	90.0
	mm in	90.0 3.5
	mm in kg	90.0 3.5 1590
ine Thickness	mm in	90.0 3.5
	tated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)  tated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)  tated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)  taximum Overall Length  teach with Forks at Ground Level  Ground to Bottom of Tine at Minimum Height and Fork Level  teach with Arms Horizontal and Forks Level  teach with Fork at Maximum Height  teround to Top of Tine with Arms Horizontal and Fork Level  teround to Top of Tine at Maximum Height and Fork Level  teround to Top of Fork at Full Lift (top of carriage to ground)  telearance at Full Lift and Max Dump  tax Discharge Angle from Horizontal  teverall Carriage Width	tated Load (SAE J1197 - 50% FTSTL)  Interest of the Comment of the



\*Negative values indicate below grade

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



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

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

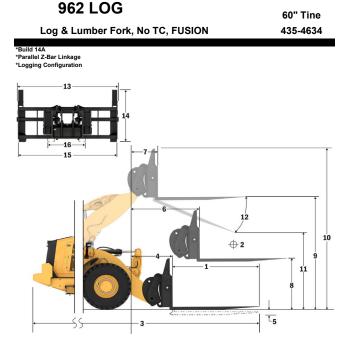
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

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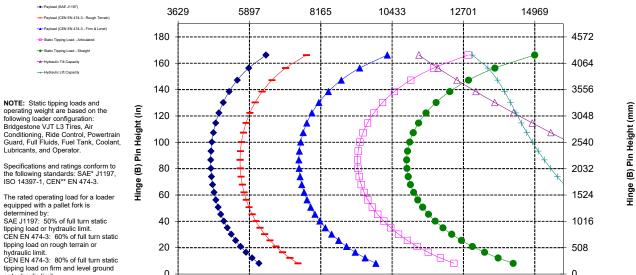
#### **Fork Specifications**

	nk opcomeditions		
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10895
	Static ripping Load - Straight (Forks Level)	lbs	24013
	Static Tipping Load - Articulated (Forks Level)	kg	9334
	(	lbs	20572
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4667
	,	lbs ka	10286 5600
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12343
		ka	7467
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16458
_	Maniana Occasilla and	mm	9294
3	Maximum Overall Length	in	365.9
4	Reach with Forks at Ground Level	mm	1376
_	Neach with Forks at Glound Level	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-83
_	Cround to Bottom of Timo at Minimali Trought and Tont Bottom	in	-3.3
6	Reach with Arms Horizontal and Forks Level	mm	1884
_		in	74.2
7	Reach with Fork at Maximum Height	mm	1005
		in mm	39.6 1872
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.7
_	0 11 7 77 111 1 15 11 1	mm	4024
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5535
10	Overall Height of Fork at Full Lift (top of carnage to ground)	in	217.9
11	Clearance at Full Lift and Max Dump	mm	2505
	Oldaranod at Fall Elit and Max Bamp	in	98.6
12	Max Discharge Angle from Horizontal	deg	50
			0470
13	Overall Carriage Width	mm in	2176 85.7
		mm	1601
14	Overall Carriage Height	in	63.0
	O 1 11 T 14/11/1 / 1)	mm	2084
15	Outside Tine Width (max spread)	in	82.0
16	Outside Tine Width (min spread)	mm	1002
10	Outside Title Width (min Spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	Timo Triadir (aniglia dira)	in	7.1
	Tine Thickness	mm	90.0
	***************************************	in	3.5
	Tine Capacity	kg	15906
	<u> </u>	lbs	35057 20761
	Operating Weight	kg lbs	45756
		IDS	43/30



\*Negative values indicate below grade

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



23000

Capacity (lbs) (Calculated Load at CG Point)

28000

33000

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.

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

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

8000

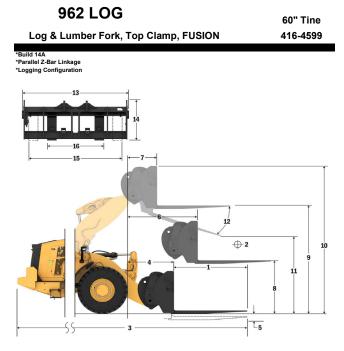
13000

18000

#### **Fork Specifications**

#### **Fork Specifications**

_			
1	Tine Length	mm in	1524 60.0
_	1 10 1	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10735
	Static ripping Load - Straight (Forks Level)	lbs	23659
	Static Tipping Load - Articulated (Forks Level)	kg	9194
	Otatio Tipping Zoda Tittodiatoa (Fortio Zorol)	lbs	20263
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4597
	, , , , , , , , , , , , , , , , , , , ,	lbs	10132
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5516
	<u> </u>	ka	12158 7355
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16211
		mm	9309
3	Maximum Overall Length	in	366.5
_		mm	1391
4	Reach with Forks at Ground Level	in	54.8
_	*O 11 D 11 (T 11F)	mm	-72
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.8
6	Reach with Arms Horizontal and Forks Level	mm	1924
0	Reach with Arms Horizontal and Forks Level	in	75.7
7	Reach with Fork at Maximum Height	mm	1045
<u>'</u>	Treach with Fork at Maximum Fleight	in	41.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1857
_	Ordana to Top of Time Mary anno Florizoniai and Fork Zover	in	73.1
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4009
_	<u> </u>	in	157.8
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5523
	· · · · · · · · · · · · · · · · · · ·	in mm	217.5 2611
11	Clearance at Full Lift and Max Dump	in	102.8
12	Max Discharge Angle from Horizontal	deg	44
13	Overall Carriage Width	mm	2537
	Oreran Garnage Frau	in	99.9
14	Overall Carriage Height	mm	1578
		in	62.1
15	Outside Tine Width (max spread)	mm	2339
	, ,	in	92.1 742
16	Outside Tine Width (min spread)	mm in	29.2
_		mm	203.2
	Tine Width (single tine)	in	8.0
	Tina Thistones	mm	63.5
	Tine Thickness	in	2.5
	Tine Conseits	kg	7170
	Tine Capacity	lbs	15803
	Operating Weight	kg	20780



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade



Static Tipping Load - Straight

—
Hydraulic Tilt Capacity

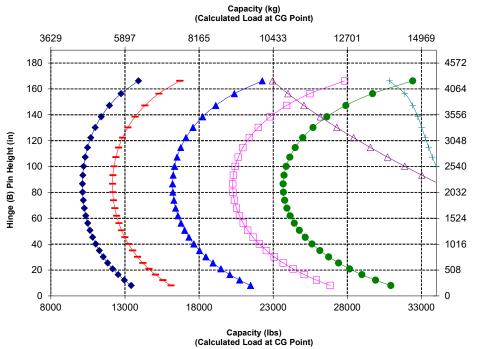
Hydraulic Lift Capacity

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

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

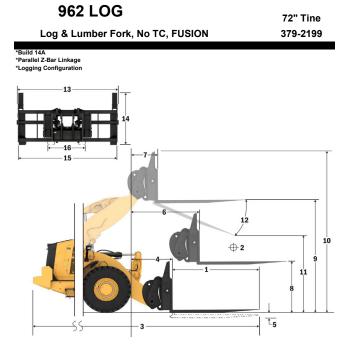
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

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#### **Fork Specifications**

1	Tine Length	mm in	1829 72.0
_	1	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10380
	Otatio Tipping Load - Otalight (Folko Lovel)	lbs	22877
	Static Tipping Load - Articulated (Forks Level)	kg	8881
	· · · · · · · · · · · · · · · · · · ·	lbs	19574
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4441 9787
		kg	5329
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11745
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7105
	Nated Load (CEN EN 474-3 Fill and Level Glound - 60% F131L)	lbs	15659
3	Maximum Overall Length	mm	9599
_	Waximum Overali Eengur	in	377.9
4	Reach with Forks at Ground Level	mm	1376
	·	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-83 -3.3
	<del>-</del>	in mm	1884
6	Reach with Arms Horizontal and Forks Level	in	74.2
_		mm	1005
7	Reach with Fork at Maximum Height	in	39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1872
•	Ground to Top of Time with Arms Honzontal and Fork Level	in	73.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4024
_	Ordana to Top of Timo at maximum Florgint and Fork Eover	in	158.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5537
_	· · · · · · · · · · · · · · · · · · ·	in	218.0
11	Clearance at Full Lift and Max Dump	mm in	89.5
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2470
	g	in	97.3
14	Overall Carriage Height	mm	1603
_	<u> </u>	in mm	63.1 2366
15	Outside Tine Width (max spread)	in	93.1
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	Title Width (Single title)	in	7.1
	Tine Thickness	mm	90.0
	THE THIORIESS	in	3.5
	Tine Capacity	kg	12600
_	- 1 /	lbs	27770
	Operating Weight	kg	20843
		lbs	45937



\*Negative values indicate below grade

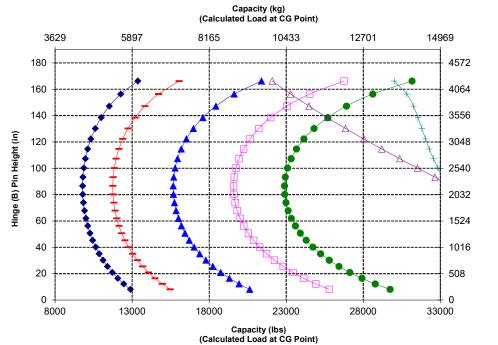


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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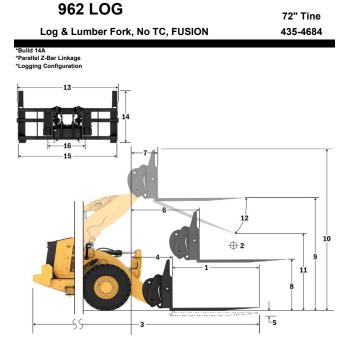
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

#### **Fork Specifications**

#### **Fork Specifications**

-			
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	10374
	, , , , , , , , , , , , , , , , , , ,	lbs kg	22865 8878
	Static Tipping Load - Articulated (Forks Level)	lbs	19568
	D + 11	kg	4439
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9784
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5327
	Nated Load (OLIV LIV 474-5 Nough Terrain - 00 % 1 101L)	lbs	11741
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7103
	,	lbs	15654
3	Maximum Overall Length	mm in	9599 377.9
		mm	1376
4	Reach with Forks at Ground Level	in	54.2
_	*Od to Dotton of Time at Minimum Height and Fodul and	mm	-83
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.3
6	Reach with Arms Horizontal and Forks Level	mm	1884
	Treach with Annis Honzontal and Forks Level	in	74.2
7	Reach with Fork at Maximum Height	mm	1005
	<u> </u>	in	39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1872 73.7
		mm	4024
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.4
40	O	mm	5535
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	217.9
11	Clearance at Full Lift and Max Dump	mm	2272
•••	Olearanoe at 1 an Ent and Wax Bump	in	89.5
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2176
		in	85.7
14	Overall Carriage Height	mm in	1601 63.0
		mm	2084
15	Outside Tine Width (max spread)	in	82.0
40	Outside Tine Width (min spread)	mm	1002
10	Outside Tine Width (Hill Spread)	in	39.4
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg Ibs	12600 27770
_		kg	20823
	Operating Weight	lbs	45893



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

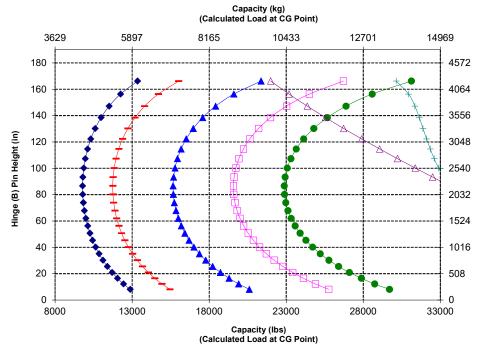
# -Payload (SAE J1197) -Payload (CEN EN 474-3 - Rough Terrain) -Payload (CEN EN 474-3 - Firm & Level) -G-Static Tipping Load - Articulated -Static Tipping Load - Straight -b-Hydraulic Tit Capacity

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

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

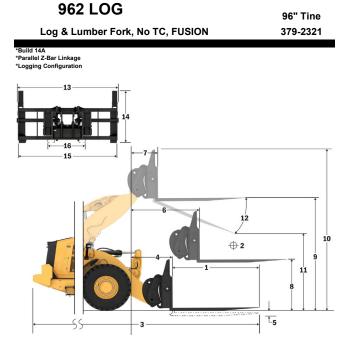
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#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
_	1 10 1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9440
	otatio ripping coda ottaignt (1 onto corol)	lbs	20806
	Static Tipping Load - Articulated (Forks Level)	kg	8058 17759
		lbs kg	4029
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8880
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4835
	Trated Load (OEIV EIV 474-5 Trough Ternain - 00 % 1 TOTE)	lbs	10656
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kq	6446
	,	lbs	14208
3	Maximum Overall Length	mm in	10208 401.9
	D 1 31 E 1 10 11 1	mm	1376
4	Reach with Forks at Ground Level	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-83
٠	Clouded to Bottom of Time at Millimidin Fleight and Fork Level	in	-3.3
6	Reach with Arms Horizontal and Forks Level	mm	1884
		in	74.2 1005
7	Reach with Fork at Maximum Height	mm in	39.6
_	Consider Top of Tip of the Association and Forth Level	mm	1872
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4024
_	Ordana to rop or rino at maximam riolgin and ron 2010	in	158.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5537
		in mm	218.0 1806
11	Clearance at Full Lift and Max Dump	in	71.1
12	Max Discharge Angle from Horizontal	deg	50
12	Max Discharge Angle Irom Horizontal	ueg	
13	Overall Carriage Width	mm	2470
		in	97.3 1603
14	Overall Carriage Height	mm in	63.1
	0.1:1 T MCH / D	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
-10	Outside Title Width (Hill Spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	,	in	7.1 90.0
	Tine Thickness	mm in	3.5
	T 0 "	kg	10100
	Tine Capacity	lbs	22260
	Operating Weight	kg	20971
	Operating weight	lbs	46219



\*Negative values indicate below grade



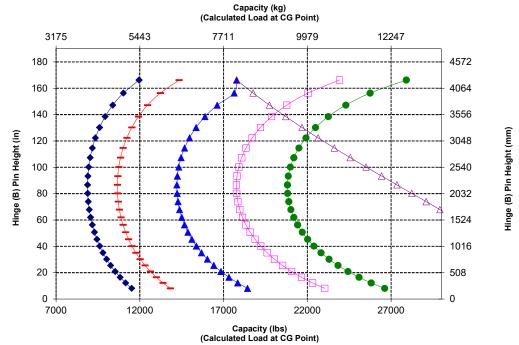
—— Hydraulic Tilt Capacity
—— Hydraulic Lift Capacity

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

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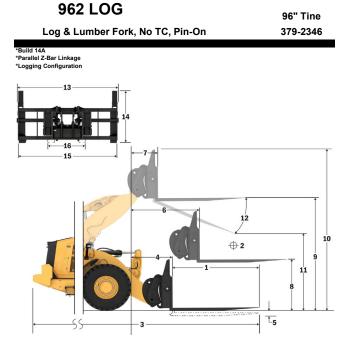




#### **Fork Specifications**

#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9978
	, ,	lbs	21992
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8565 18877
		kg	4282
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9438
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5139
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	11326
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kq	6852
		lbs	15101
3	Maximum Overall Length	mm	10116
		in mm	398.2 1284
4	Reach with Forks at Ground Level	in	50.5
		mm	-84
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.3
6	Reach with Arms Horizontal and Forks Level	mm	1790
۰	Neach with Anns Honzontal and Porks Level	in	70.5
7	Reach with Fork at Maximum Height	mm	911
•	Troubit Mari on at maximum rioign	in	35.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1871
	·	in mm	73.6 4022
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.4
		mm	5533
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	217.8
11	Clearance at Full Lift and Max Dump	mm	1997
•••	Clearance at Full List and Max Dump	in	78.6
12	Max Discharge Angle from Horizontal	deg	46
			0.470
13	Overall Carriage Width	mm in	2470 97.3
		mm	1601
14	Overall Carriage Height	in	63.0
45	Outside Time \\( \( \lambda \) (	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
	Odibide Tille Wider (Hill Spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	( 3 /	in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	10100
	Tine Capacity	lbs	22260
	On	kg	20468
	Operating Weight	lbs	45111



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade



Static Tipping Load - Straight

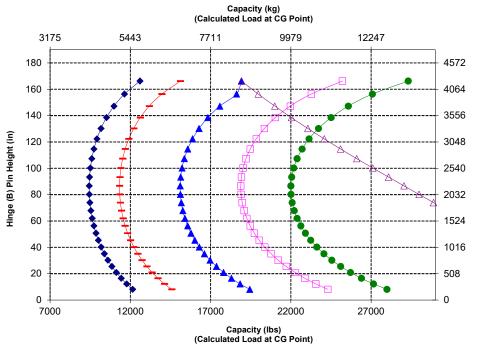
Straight Tit Capacity

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

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

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

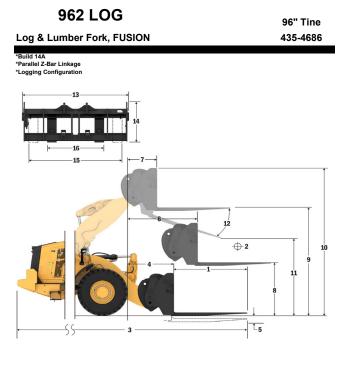
\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization





#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
_	1 10 1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9436
	Otatio Tipping Load - Otalight (Folio Level)	lbs	20797
	Static Tipping Load - Articulated (Forks Level)	kg	8056
	· · · · · · · · · · · · · · · · · · ·	lbs	17756 4028
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	8878
		kg	4834
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10653
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6445
	Nated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	14205
3	Maximum Overall Length	mm	10208
_	Maximum Overall Length	in	401.9
4	Reach with Forks at Ground Level	mm	1376
_		in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-83
		in	-3.3 1884
6	Reach with Arms Horizontal and Forks Level	mm in	74.2
_		mm	1005
7	Reach with Fork at Maximum Height	in	39.6
_	0 11 7 77 71 4 11 1 15 11 1	mm	1872
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4024
9	Ground to Top of Time at Maximum Height and Fork Level	in	158.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5535
	Overall Fleight of Fork at Fall (top of carriage to ground)	in	217.9
11	Clearance at Full Lift and Max Dump	mm	1806
		in	71.1
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2176
	Orotali Garriago Friani	in	85.7
14	Overall Carriage Height	mm	1601
		in	63.0 2084
15	Outside Tine Width (max spread)	mm in	82.0
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	Title Width (Single title)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	10100
	···· sepecy	lbs	22260
	Operating Weight	kg	20951
	-r	lbs	46175



\*Negative values indicate below grade



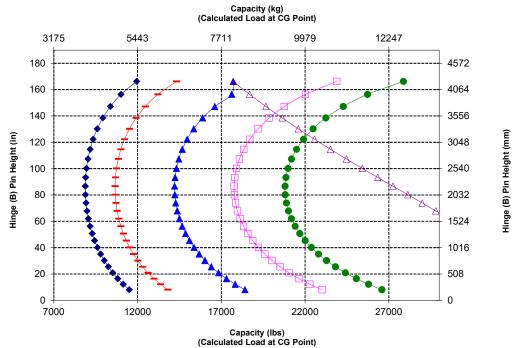
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--- Hydraulic Lift Capacity

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

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

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

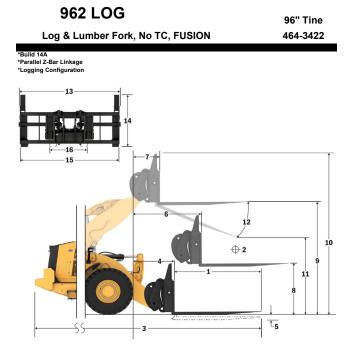




# **Fork Specifications**

#### **Fork Specifications**

	nk opcomeditions		
1	Tine Length	mm in	2438 96.0
2	Land Carter	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9333
	otatio ripping coad - otraight (i onto cever)	lbs	20570
	Static Tipping Load - Articulated (Forks Level)	kg	7962
	11 3 ( )	lbs	17549
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	3981 8774
		kg	4777
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10529
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	6370
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F151L)	lbs	14039
3	Maximum Overall Length	mm	10241
	Waximum Overali Lengui	in	403.2
4	Reach with Forks at Ground Level	mm	1408
	Trought Mary office at Ground 20101	in	55.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
	<u> </u>	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1910 75.2
		in	1032
7	Reach with Fork at Maximum Height	mm in	40.6
_		mm	1864
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
_	Oncome data Toron of Time and Manifestoria United and Foods Lavel	mm	4016
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5450
10	Overall rieight of Fork at Full Lift (top of carriage to ground)	in	214.6
11	Clearance at Full Lift and Max Dump	mm	1975
	Ologianos at Fan Entana Max Bamp	in	77.8
12	Max Discharge Angle from Horizontal	deg	44
13	Overall Carriage Width	mm	2812
	Ororan Garnago Waan	in	110.7
14	Overall Carriage Height	mm	1524
		in	60.0
15	Outside Tine Width (max spread)	mm	2697 106.2
	<u> </u>	in mm	100.2
16	Outside Tine Width (min spread)	in	39.4
		mm	180.0
	Tine Width (single tine)	in	7.1
	Tina Thinks and	mm	90.0
	Tine Thickness	in	3.5
	Tino Conocity	kg	10100
	Tine Capacity	lbs	22260
	Operating Weight	kg	21002
	Operating Weight	lbs	46288



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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

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

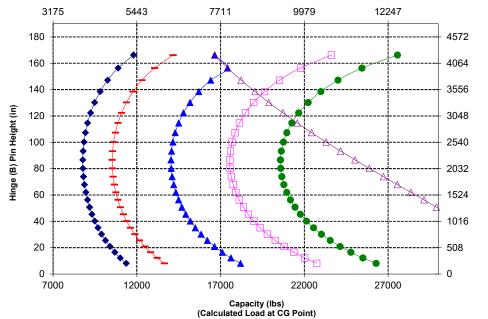
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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

tipping load on firm and level ground or hydraulic limit.

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

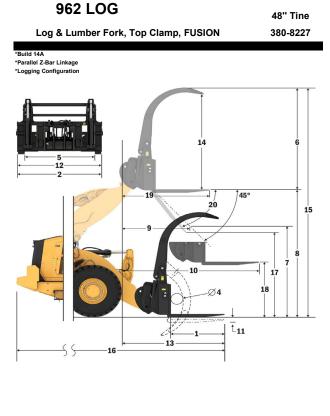
#### Capacity (kg) (Calculated Load at CG Point)



M

#### **Fork Specifications**

1	Tine length	mm in	1219 48.0
		mm	1893
2	Fork width	in	74.5
		m2	1.45
	End area	ft2	16
_	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
_	Min. opening	mm	325
4	(only applies to millyard forks)	in	13
		kg	21514
	Operating Weight	lbs	47429
-	Distance in the office for	mm	1409
5	Distance inside of tine tips	in	55
	Static tipping load, articulated	kg	8921
	Fork level	lbs	19666.
	Static tipping load, straight	kg	10528
	Fork level	lbs	23209.
6	Max. height of fork	mm	2932
•	(w/clamp open if applicable)	in	115.4
7	Clearance w/full lift, 45 deg dump	mm	2723
′	(if max. dump <> 45)	in	107.2
8	Clearance @ full lift fork level	mm	3919
۰	Clearance @ ruii iiit fork level	in	154.3
9	Reach w/full lift, 45 deg dump	mm	1597
9	(if max. dump <> 45)	in	62.9
40	Reach w/lift arm horizontal and fork level	mm	3222
10	Reach Willt aim nonzontal and lork level	in	126.9
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-97
• •	Glound to Bottom of Tool at Minimum Height and Tool Level	in	-3.8
12	Width over tines	mm	1769
12	Width over times	in	69.6
12	Reach @ ground level	mm	2715
.,	Neach @ ground level	in	107
11	Max. opening across tine and clamp	mm	2635
14	wax. opening across tine and clamp	in	103.7
15	Overall height of fork @ full lift and	mm	6851
13	clamp open	in	269.7
16	Overall length	mm	9109
10	Tip of tine to rear of machine	in	358.6
17	Clearance @ full lift and max. dump	mm	2538
- '	Discharge (if <> 45)	in	99.9
18	Clearance w/horizontal lift arms and	mm	1767.6
10	fork level	in	69.6
19	Reach @ full lift and fork level	mm	2343.7
19	Treading for the and lock level	in	92.3
20	Max. discharge angle from horizontal	deg	57
20	wax. discharge aligie itulii ilulizullal	rad	1.0
	Tine Capacity	kg	14100
	- mo oupuon,	lbs	31076

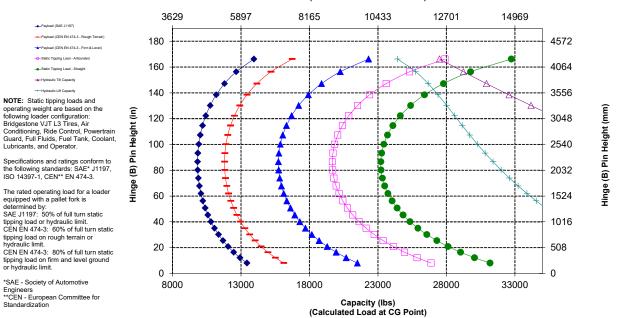


- Payload (CEN EN 474-3 - Rough Ter

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

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

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





\*SAE - Society of Automotive

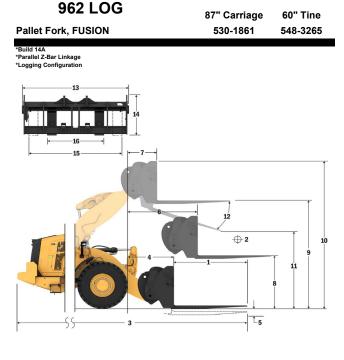
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\*\*CEN - European Committee for Standardization

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

# **Fork Specifications**

#### **Fork Specifications**

Inter Length	• • •	ications			
2	Т	1			1524 60.0
Static Tipping Load - Straight (Forks Level)   Static Tipping Load - Articulated (Static Tipping Load -	-				762
Static Tipping Load - Straight (Forks Level)   Static Tipping Load - Articulated (Forks Level)   Rated 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   Static Tip	L	ir .			30.0
Static Tipping Load - Articulated (Forks Level)   Static Tipping Load - Articulated (Forks Level)   Static Tipping Load - Articulated (Forks Level)   Stated Load (SAE J1197 - 50% FTSTL)   Stated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Stated Load (CEN EN 474-3 Firm and Le	-	ng Load - Straight (Forks Level)			11262
Rated Load (SAE J1197 - 50% FTSTL)   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)   Rated Load (CEN EN 474-3 Firm and Level	_	ig Load - Oli dignit (i Onto Level)			24821
Rated Load (SAE J1197 - 50% FTSTL)	S	ng Load - Articulated (Forks Level)			9686
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   10	_	· , ,			21347 4843
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	F	(SAE J1197 - 50% FTSTL)			10673
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)   Ibs   121	_		20/ 57071 )		5811
3   Maximum Overall Length   In   32   3   Maximum Overall Length   In   32   3   3   3   3   3   3   3   3	۲	(CEN EN 474-3 Rough Terrain - 6	U% FISIL)		12808
3   Maximum Overall Length   mm   g2	_	L(CEN EN 474 2 Firm and Lavel C	round 90% ETSTI \	kg	7748
Reach with Forks at Ground Level   mm   13   15   15   15   15   16   16   16   17   18   18   19   19   19   19   19   19		CEN EN 474-3 FIIII and Level G	ound = 80 % F131L)	lbs	17078
4 Reach with Forks at Ground Level  5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (max spread) 17 Outside Tine Width (max spread) 18 **Ground to Top of Tine at Maximum Height and Fork Level 19 **Ground to Top of Tine at Maximum Height and Fork Level 10 in 10 **Ground Tine at Maximum Height and Fork Level 11 Clearance at Full Lift and Max Dump 12 **Max Discharge Angle from Horizontal 13 **Overall Carriage Height 14 **Overall Carriage Height 15 **Outside Tine Width (max spread)	٨	Overall Length			9294
in 54  5 "Ground to Bottom of Tine at Minimum Height and Fork Level mm 16 6 Reach with Arms Horizontal and Forks Level mm 18 in 7  7 Reach with Fork at Maximum Height mm 9 in 18 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 17 in 60  9 Ground to Top of Tine at Maximum Height and Fork Level mm 17 in 60  10 Overall Height of Fork at Full Lift (top of carriage to ground) in 18 11 Clearance at Full Lift and Max Dump mm 25 in 10 12 Max Discharge Angle from Horizontal deg 4 13 Overall Carriage Width mm 25 in 8  14 Overall Carriage Height mm 25 in 8  15 Outside Tine Width (max spread)		rroran zongar			365.9
5 *Ground to Bottom of Tine at Minimum Height and Fork Level in — 6 Reach with Arms Horizontal and Forks Level mm 18 in — 7	F	Forks at Ground Level			1376
15   Ground to Bottom of Tine at Minimum Height and Fork Level	_				54.2 -161
6         Reach with Arms Horizontal and Forks Level         mm 18 in 72           7         Reach with Fork at Maximum Height         mm 9 in 38           8         Ground to Top of Tine with Arms Horizontal and Fork Level         mm 15 in 66           9         Ground to Top of Tine at Maximum Height and Fork Level         mm 38 in 15           10         Overall Height of Fork at Full Lift (top of carriage to ground)         mm 46 in 18           11         Clearance at Full Lift and Max Dump         mm 25 in 10           12         Max Discharge Angle from Horizontal         deg         4           13         Overall Carriage Width         mm 22 in 8           14         Overall Carriage Height         mm 8           15         Outside Tine Width (max spread)         mm 22 in 3	*	Bottom of Tine at Minimum Height	and Fork Level		-6.4
Reach with Fork at Maximum Height   mm   7;   Reach with Fork at Maximum Height   mm   38   Ground to Top of Tine with Arms Horizontal and Fork Level   mm   38   mm   39   Ground to Top of Tine at Maximum Height and Fork Level   mm   38   mm   46   mm	_				1849
7         Reach with Fork at Maximum Height         mm 9 in 38 in 3	F	Arms Horizontal and Forks Level			72.8
1	_	Fork at Mavinsum Unight			971
9   Ground to Top of Tine with Arms Horizontal and Fork Level   in   68   78   78   78   78   78   78   78	г	Fork at Maximum Height		in	38.2
9 Ground to Top of Tine at Maximum Height and Fork Level in 15 in 16 in 18 in 19 in	-	Top of Tine with Arms Horizontal an	d Fork Level	mm	1769
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   46   mm   48   mm	_	op of Title With Arris Horizontal an	11 OIK Level		69.6
10   Overall Height of Fork at Full Lift (top of carriage to ground)   mm   46   in   18   11   Clearance at Full Lift and Max Dump   mm   22   in   10   12   Max Discharge Angle from Horizontal   deg   4   13   Overall Carriage Width   mm   22   in   18   in   18   14   Overall Carriage Height   mm   8   in   33   15   Outside Tipe Width (max spread)   mm   20   15   15   Outside Tipe Width (max spread)   mm   20   15   15   15   15   15   15   15   1	C	op of Tine at Maximum Height and	Fork Level		3920
10   Overall relight of Fork at Full Lift (lop of carriage to ground)   in   18   11   Clearance at Full Lift and Max Dump   min   25   12   Max Discharge Angle from Horizontal   deg   4   13   Overall Carriage Width   mm   22   13   Overall Carriage Height   mm   8   16   17   18   19   19   19   19   19   19   19	_	·			154.3
11 Clearance at Full Lift and Max Dump         mm 25 in 10           12 Max Discharge Angle from Horizontal         deg 4           13 Overall Carriage Width         mm 22 in 37 in	C	ght of Fork at Full Lift (top of carriag	e to ground)		4695 184.9
11   Clearance at Full Litt and Max Dump   in   10     12   Max Discharge Angle from Horizontal   deg   4     13   Overall Carriage Width   mm   22     14   Overall Carriage Height   mm   8     15   Outside Tipe Width (max extend)   mm   20     16   Outside Tipe Width (max extend)   mm   20     17   Outside Tipe Width (max extend)   mm   20     18   Outside Tipe Width (max extend)   mm   20     19   Outside Tipe Width (max extend)   mm   20     20   Outside Tipe Width (max extend)   mm   20     21   Outside Tipe Width (max extend)   mm   20     22   Outside Tipe Width (max extend)   mm   20     23   Outside Tipe Width (max extend)   mm   20     24   Outside Tipe Width (max extend)   mm   20     25   Outside Tipe Width (max extend)   mm   20     26   Outside Tipe Width (max extend)   mm   20     27   Outside Tipe Width (max extend)   mm   20     28   Outside Tipe Width (max extend)   mm   20     29   Outside Tipe Width (max extend)   mm   20     20   Outside T	_				2556
13 Overall Carriage Width         mm str.         22 min str.           14 Overall Carriage Height         mm str.         33 min str.           15 Outside Tipe Width (max spread)         mm mm 20		at Full Lift and Max Dump			100.6
13 Overall Carriage Width	Ν	rge Angle from Horizontal		deg	46
14 Overall Carriage Height         mm         8           15 Outside Tips Width (max except)         mm         20	(	riage Width			2217
14 Overall Carriage Height in 33 15 Outside Tine Width (may spread) mm 20					87.3 840
15 Outside Tine Width (may spread) mm 20	C	riage Height			33.1
	_				2070
	C	e Width (max spread)			81.5
16 Outside Tine Width (min spread) mm 4	_	a Width (min aproad)		mm	470
, , ,	_	e widii (iiiii spread)		in	18.5
	Т	(single tine)			150.0
in 5		\go/			5.9
	Т	ess			65.0
IN 2					2.6
	Т	ity			6300 13885
kg 20.	_				20456
	C	Veight			45084



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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

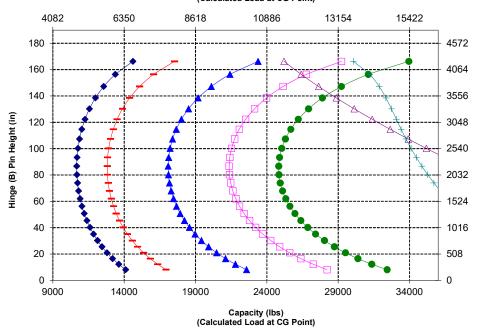


Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

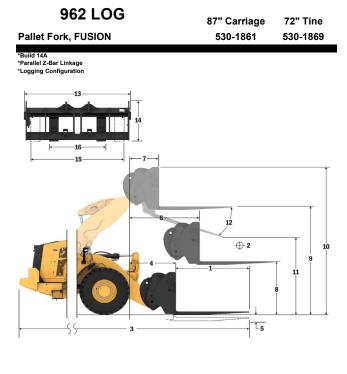
\*SAE - Society of Automotive Engineers
\*\*CEN - European Committee for Standardization





#### **Fork Specifications**

	nk opcomeditions		
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	10738
	, , , , , , , , , , , , , , , , , , ,	lbs kg	23667 9229
	Static Tipping Load - Articulated (Forks Level)	lbs	20341
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4614
	Raieu Loau (SAE J1197 - 50% F151L)	lbs	10170
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5537
		lbs	12204
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	7383 16272
_		mm	9600
3	Maximum Overall Length	in	378.0
4	Reach with Forks at Ground Level	mm	1376
	Treach with Forks at Ground Level	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-161
_		in	-6.4 1849
6	Reach with Arms Horizontal and Forks Level	mm in	72.8
_		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	1769
۰	Glound to Top of Title with Arms Horizontal and Fork Level	in	69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3920
_		in	154.3 4695
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	184.9
	0	mm	2337
11	Clearance at Full Lift and Max Dump	in	92.0
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
	Overall Carriage Wilder	in	87.3
14	Overall Carriage Height	mm	840
		in mm	33.1 2070
15	Outside Tine Width (max spread)	in	81.5
40	Outside Time (Midth (sein sensed)	mm	470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
		in	5.9
	Tine Thickness	mm	65.0
		in kg	2.6 5246
	Tine Capacity	lbs	11562
	On a makin m NM a imba	kg	20503
	Operating Weight	lbs	45188



\*Negative values indicate below grade



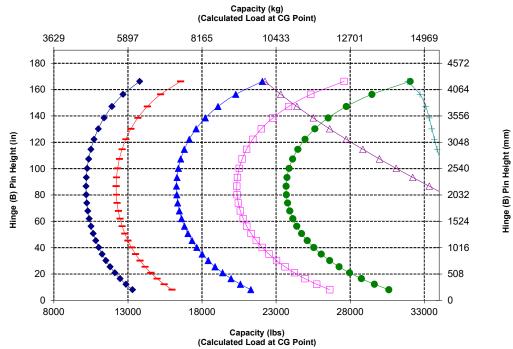
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--- Hydraulic Lift Capacity

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

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

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

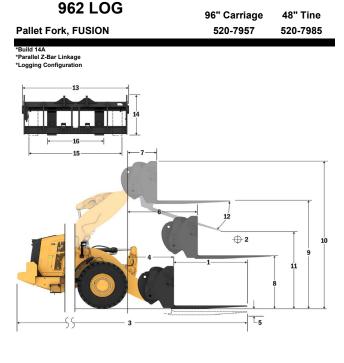




# **Fork Specifications**

#### **Fork Specifications**

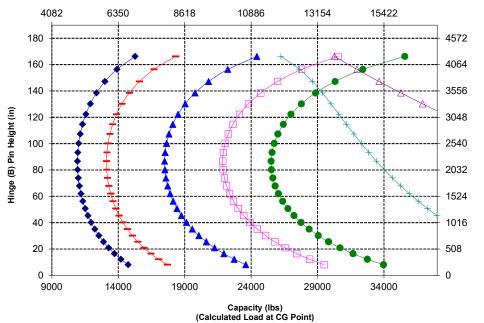
nk opecifications		
Tine Length	mm	1219 48.0
Load Center	mm	610
Load Certici	in	24.0
Static Tipping Load - Straight (Forks Level)		11569 25499
O. C. T		9916
Static Tipping Load - Articulated (Forks Level)	lbs	21855
Pated Load (SAE 11107 - 50% ETSTL)	kg	4958
Nated Load (GAL 91197 - 30701 101L)	lbs	10927
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		5950
, , ,		13113 7933
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		17484
W : 0 III II		8946
Maximum Overali Length	in	352.2
Reach with Forks at Ground Level	mm	1332
Treach with Forks at Ground Level	in	52.5
*Ground to Bottom of Tine at Minimum Height and Fork Level		-81
Ordana to Bottom or timo at minimum riolgin and ronk zoron		-3.2
Reach with Arms Horizontal and Forks Level		1841 72.5
		963
Reach with Fork at Maximum Height		37.9
0 11 7 77 77 11 11 15 11 1		1874
Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
Ground to Top of Time at Maximum Fleight and Fork Level	in	158.5
Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		199.5
Clearance at Full Lift and Max Dump	mm in	2740 107.9
Max Discharge Angle from Horizontal	deg	52
Overall Carriage Width	mm	2528
		99.5
Overall Carriage Height		1130 44.5
		2178
Outside Tine Width (max spread)		85.7
Outside Tine Width (min annead)	mm	576
Outside Tine Width (min spread)	in	22.7
Tine Width (single tine)	mm	180.0
This Trial (ongle the)	in	7.1
Tine Thickness		90.0
		3.5
Tine Capacity		22200 48929
		20765
Operating Weight		45765
	Tine Length  Load Center  Static Tipping Load - Straight (Forks Level)  Static Tipping Load - Articulated (Forks Level)  Rated Load (SAE J1197 - 50% FTSTL)  Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)  Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)  Maximum Overall Length  Reach with Forks at Ground Level  *Ground to Bottom of Tine at Minimum Height and Fork Level  Reach with Fork at Maximum Height  Ground to Top of Tine with Arms Horizontal and Fork Level  Ground to Top of Tine at Maximum Height and Fork Level  Overall Height of Fork at Full Lift (top of carriage to ground)  Clearance at Full Lift and Max Dump  Max Discharge Angle from Horizontal  Overall Carriage Width  Overall Carriage Height  Outside Tine Width (max spread)  Tine Width (single tine)  Tine Thickness	Tine Length mm in Load Center mm min Static Tipping Load - Straight (Forks Level) kg lbs Static Tipping Load - Articulated (Forks Level) kg lbs Rated Load (SAE J1197 - 50% FTSTL) kg lbs Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg lbs Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg lbs Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg lbs Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg lbs Maximum Overall Length mm mm in Reach with Forks at Ground Level mm in Reach with Forks at Ground Level mm mm in Ground to Bottom of Tine at Minimum Height and Fork Level mm mm in Ground to Top of Tine with Arms Horizontal and Fork Level in Ground to Top of Tine with Arms Horizontal and Fork Level in Mm in Ground to Top of Tine at Maximum Height and Fork Level in Mm in Overall Height of Fork at Full Lift (top of carriage to ground) mm Max Discharge Angle from Horizontal deg Overall Carriage Width mm in Overall Carriage Height mm in Outside Tine Width (max spread) mm mm mm Tine Width (single tine) in Mm mm Tine Width (single tine) in Mm mm Tine Thickness in Mm mm Tine Thickness in Kg kg lbs Noverall Capacity lbs



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

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



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

--- Hydraulic Lift Capacity

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

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

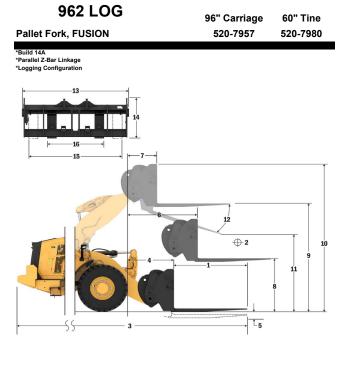
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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

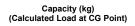


#### **Fork Specifications**

1	Tine Length	mm in	1524 60.0
_	1 10 1	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10993
	Otatio Tipping Load - Otraight (Folio Lovel)	lbs	24229
	Static Tipping Load - Articulated (Forks Level)	kg	9412
	· · · · · · · · · · · · · · · · · · ·	lbs	20745 4706
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	10373
		kg	5647
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12447
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7530
	Nated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	16596
3	Maximum Overall Length	mm	9251
_	Maximum Overall Length	in	364.2
4	Reach with Forks at Ground Level	mm	1333
_		in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
		in	-3.2 1842
6	Reach with Arms Horizontal and Forks Level	mm in	72.5
_		mm	963
7	Reach with Fork at Maximum Height	in	37.9
_	0 11 7 17 11 1 11 15 11 1	mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
9	Ground to Top of Time at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	Orotali Floight of Forthact all Elit (lop of samage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2500
	<u>'</u>	in	98.4
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm	1130
_	<u> </u>	in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Title Width (Single title)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	17800
	···· sepecy	lbs	39231
	Operating Weight	kg	20831
	-r	lbs	45911

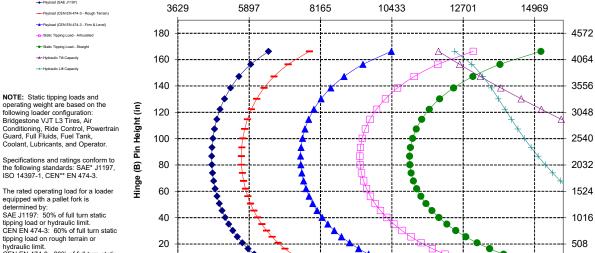


\*Negative values indicate below grade



23000

Capacity (lbs) (Calculated Load at CG Point)



18000

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 Standardization



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

0

8000

13000

Hinge (B) Pin Height (mm)

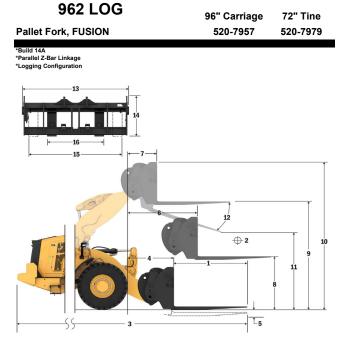
0

33000

# **Fork Specifications**

#### **Fork Specifications**

1	Tine Length	mm in	1829 72.0
_	Land Carter	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10464
	Static Tipping Load - Straight (1 Stra Level)	lbs	23062
	Static Tipping Load - Articulated (Forks Level)	kg	8950
	11 3 ( /	lbs	19726
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4475
	· · · · · · · · · · · · · · · · · · ·	lbs kg	9863 5370
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11835
	D + 11	ka	7160
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15781
3	Maximum Overall Length	mm	9556
3	Maximum Overali Lengin	in	376.2
4	Reach with Forks at Ground Level	mm	1333
_	Treach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
_	Croana to Bottom of Timo at Miniman Trought and Tont Bottom	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
_		in	72.5
7	Reach with Fork at Maximum Height	mm	963 37.9
	<u> </u>	in mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
_		mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
	0	mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2259
• • •	Clearance at Full Lift and Wax Dump	in	88.9
12	Max Discharge Angle from Horizontal	deg	52
	max Bloomargo 7 mgio mom Fronzontali		
13	Overall Carriage Width	mm	2528
_	· · · · · · · · · · · · · · · · · · ·	in	99.5 1130
14	Overall Carriage Height	mm	44.5
		in mm	2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Title Width (Single title)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	14800
	inia aspany	lbs	32619
	Operating Weight	kg	20892
	-r	lbs	46045



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade



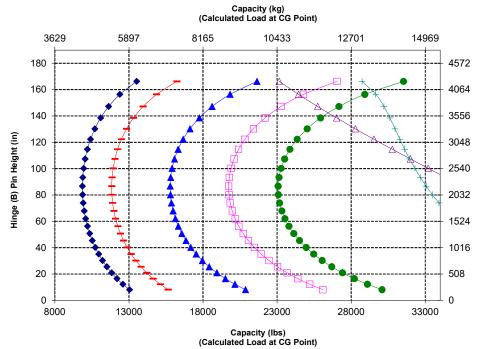
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--- Hydraulic Lift Capacity

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

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

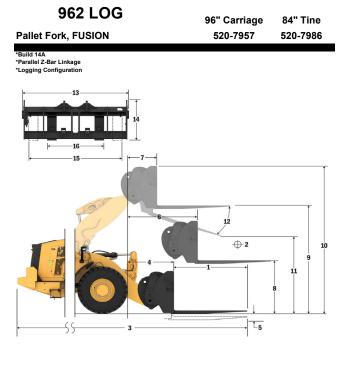
\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization





#### **Fork Specifications**

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	9970
	11 0 0 0	lbs kg	21975 8518
	Static Tipping Load - Articulated (Forks Level)	lbs	18774
	D-4-414 (OAE 14407 FOO( FTOTI )	kg	4259
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9387
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5111
	((	lbs	11265
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	6815 15019
		mm	9861
3	Maximum Overall Length	in	388.2
4	Reach with Forks at Ground Level	mm	1333
	Treach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
		in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1842 72.5
_	B 1 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
•	Ground to Top of Time with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
		in mm	158.5 5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
44	Clearance at Full Lift and May Dumn	mm	2019
11	Clearance at Full Lift and Max Dump	in	79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2528 99.5
		mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
13	Outside Title Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
		in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	T 7:1	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	12700
	Tino Oupdoity	lbs	27991
	Operating Weight	kg	20955
		lbs	46184



\*Negative values indicate below grade

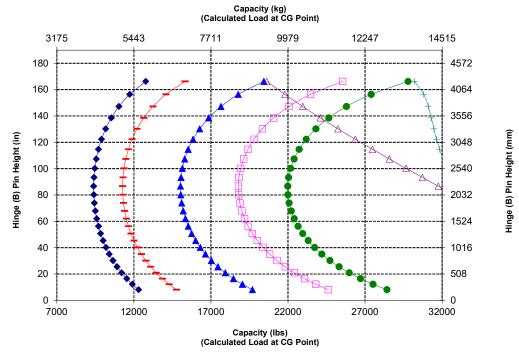


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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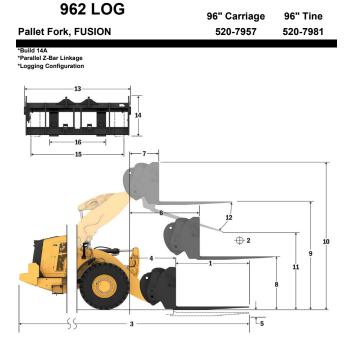




# **Fork Specifications**

#### **Fork Specifications**

	ik opecifications		
1	Tine Length	mm in	2438 96.0
_		mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9513
	Static ripping Load - Straight (Forks Level)	lbs	20968
	Static Tipping Load - Articulated (Forks Level)	kg	8118
	·	lbs	17892
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4059
		lbs ka	8946 4871
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10735
	D + 11	ka	6494
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14314
3	Maximum Overall Length	mm	10165
3	Maximum Overali Lengtii	in	400.2
4	Reach with Forks at Ground Level	mm	1333
_	Trought Will T onto at Ground Edvor	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
_	g	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842 72.5
_		in mm	963
7	Reach with Fork at Maximum Height	in	37.9
_	0 11 7 (7 71 4 11 1 15 11 1	mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
-	Ground to Top of Time at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	Overall Height of Fork at Fall Ent (top of carnage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	1779
	<u>'</u>	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Time Wieth (sein several)	mm	576
10	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	og.o uno/	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	11300
		lbs ka	2490
	Operating Weight	kg lbs	4632
		เมธ	4032



\*Negative values indicate below grade

--- Hydraulic Lift Capacity

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

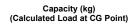
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

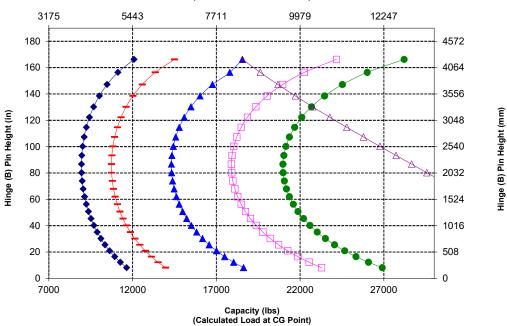
Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

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

tipping load on firm and level ground or hydraulic limit.

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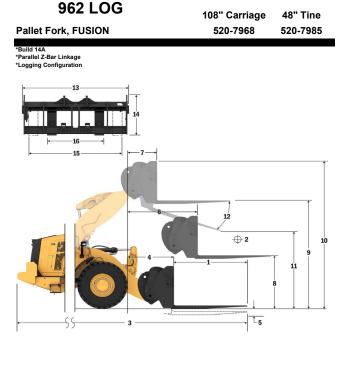






#### **Fork Specifications**

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	11528
	,	lbs kg	25409 9875
	Static Tipping Load - Articulated (Forks Level)	lbs	21765
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4938
	Raied Load (SAE J1197 - 50% F151L)	lbs	10882
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5925
	, , ,	lbs	13059
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	7900 17412
_		mm	8946
3	Maximum Overall Length	in	352.2
4	Reach with Forks at Ground Level	mm	1332
-	Reach with Forks at Glound Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
	Croana to Bottom or timo at minimam Holght and Fork 2010	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1841 72.5
_		mm	963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
٥	Ground to Top of Time with Arms Honzontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
		in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5066 199.5
		mm	2740
11	Clearance at Full Lift and Max Dump	in	107.9
12	Max Discharge Angle from Horizontal	deg	52
12	wax discharge Angle nom nonzontal		
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2493
15	Outside Tine Width (max spread)	in	98.1
16	Outside Tine Width (min spread)	mm	590
10	Outside Title Width (Illin Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	(g)	in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 22200
	Tine Capacity	lbs	48929
	O	kg	20818
	Operating Weight	lbs	45882



\*Negative values indicate below grade

--- Hydraulic Lift Capacity

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

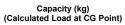
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

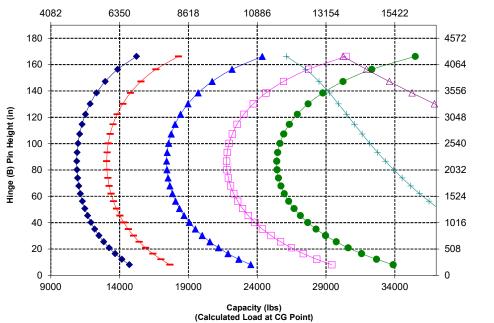
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The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: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







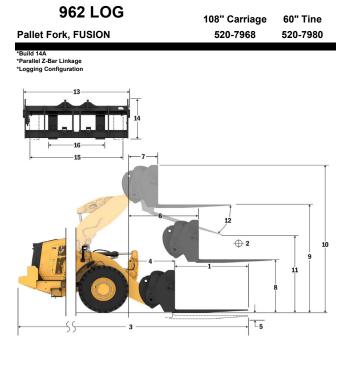
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

# **Fork Specifications**

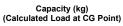
#### **Fork Specifications**

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	10958
	7, 0	lbs	24151 9377
	Static Tipping Load - Articulated (Forks Level)	kg lbs	20667
		kg	4689
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10333
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5626
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	12400
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7502
	Traica Edad (OETV ETV 474 OT IIIII and Edver Ground - 00701 1012)	lbs	16534
3	Maximum Overall Length	mm	9251
_	maximum o voraii zongin	in	364.2
4	Reach with Forks at Ground Level	mm	1333
	·	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
		in mm	-3.2 1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
_		mm	963
7	Reach with Fork at Maximum Height	in	37.9
_	0 11 7 17 11 4 11 1 15 11 1	mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
9	Ground to Top or Time at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	Overall Height of Fork at Fall (top of barriage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2500
		in	98.4
12	Max Discharge Angle from Horizontal	deg	52
		mm	2833
13	Overall Carriage Width	in	111.5
	0 110 : 11:11	mm	1130
14	Overall Carriage Height	in	44.5
	O / 11 T W/ W / D	mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
10	Outside Title Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Time Triadir (emigle and)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	17800
		lbs	39231
	Operating Weight	kg	20880
		lbs	46019



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade



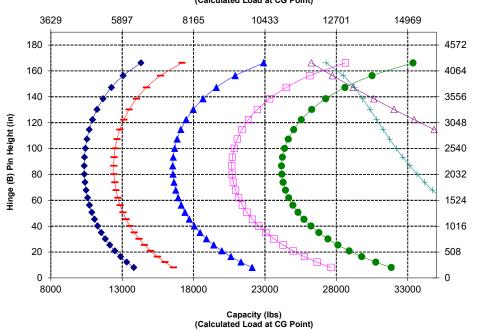


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

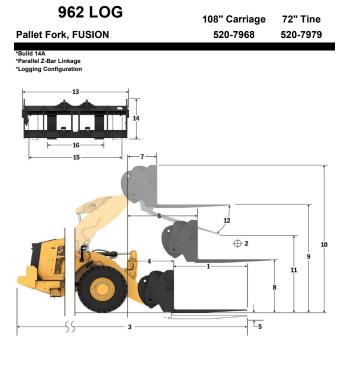
\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization





#### **Fork Specifications**

	•		
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 lbs	10429 22985
		kg	8915
	Static Tipping Load - Articulated (Forks Level)	lbs	19648
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4457
	Trated Edad (OAE 31137 - 30 % 1 101E)	lbs	9824
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5349 11789
		ka	7132
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15719
3	Maximum Overall Length	mm	9556
	IVIAXIITIUITI OVETAII LETIGUT	in	376.2
4	Reach with Forks at Ground Level	mm	1333
		in mm	52.5 -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
•	Reach with Arms nonzontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
		in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
_	Constitution of Time at Manifestory United and Foods Level	mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	everally resident and all all all all all all all all all al	in	199.5
11	Clearance at Full Lift and Max Dump	mm in	2259 88.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
	Overall Carriage Vitable	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
	Outside Time Width (Hill Spread)	in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
		mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	14800
	тие Сараску	lbs	32619
	Operating Weight	kg	20942
		lbs	46155



\*Negative values indicate below grade

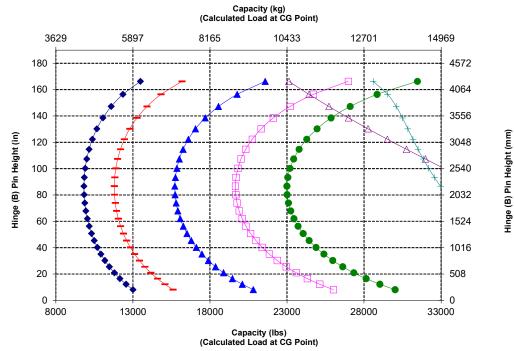


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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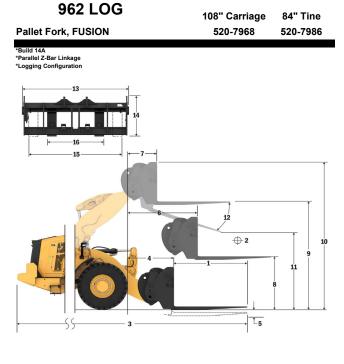




# **Fork Specifications**

#### **Fork Specifications**

1	Tine Length	mm in	2134 84.0
_	Load Center	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9938
	Otatio Tipping 2000 Ottaignt (Fonto 2010)	lbs	21903
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8486 18702
		kg	4243
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9351
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5091
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11221
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6789
	Traica Edad (OETT ETT 47 4 0 T HITT and Edver Ground - 00 70 T 10 TE)	lbs	14962
3	Maximum Overall Length	mm	9861
_		in	388.2
4	Reach with Forks at Ground Level	mm	1333
_		in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-81 -3.2
	· · · · · · · · · · · · · · · · · · ·	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
_	D 1 7 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	963
7	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
0	Ground to Top of Tine with Arms Horizontal and Pork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
_	Ground to Top of Time at Maximum Troight and Tork Ecver	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in	199.5
11	Clearance at Full Lift and Max Dump	mm	2019 79.5
	· · · · · · · · · · · · · · · · · · ·	in	
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
	Oreran Carriage Fridan	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
	THE THICKNESS	in	3.5
	Tine Capacity	kg	12700
	- Into Capacity	lbs	27991
	Operating Weight	kg	21004
	-r	lbs	46292



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

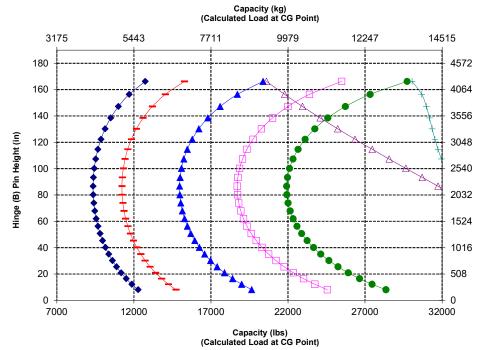


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

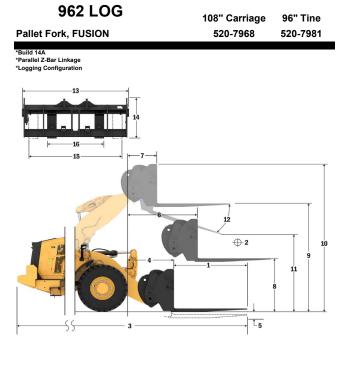
\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization





#### **Fork Specifications**

-			
1	Tine Length	mm in	2438 96.0
_	Land Contra	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9481
	otatio ripping 2000 ottaign (1 onto 2010)	lbs	20897
	Static Tipping Load - Articulated (Forks Level)	kg	8086 17821
		lbs kg	4043
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8910
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4851
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	10693
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6469
	Traice Load (OEIV EIV 474 OT IIII and Level Glound - 66761 161E)	lbs	1425
3	Maximum Overall Length	mm	1016
_		in	400.2
4	Reach with Forks at Ground Level	mm	1333
_		in mm	52.5 -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.2
_	D 1 20 4 10 1 15 1 1 1	mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
′	Reach with Fork at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
_	Ordana to Top or time many time riorizontal and Fork Zover	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4026
		in mm	158.5 5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
		mm	1779
11	Clearance at Full Lift and Max Dump	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
12	Max Discharge Angle Iron Horizontal	ueg	
13	Overall Carriage Width	mm	2833
	Overall Carrage Prisa	in	111.5
14	Overall Carriage Height	mm	1130
_	<u> </u>	in mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
	O 1 : 1 T 14/: H1 / : 1)	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Title Width (Single title)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110(1100)	in	3.5
	Tine Capacity	kg	11300
_	· · ·	lbs	24905
	Operating Weight	kg lbs	21067 46431
		เมร	4043



\*Negative values indicate below grade



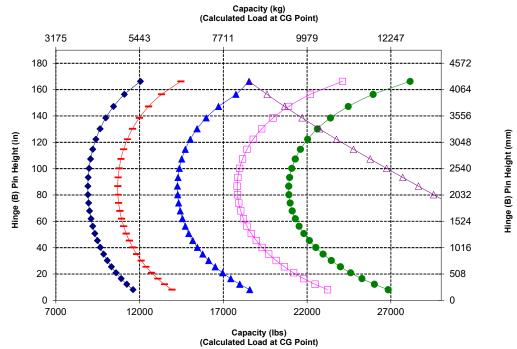
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--- Hydraulic Lift Capacity

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

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

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

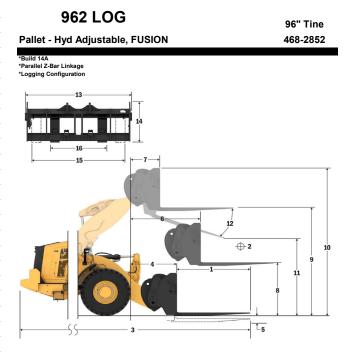




# **Fork Specifications**

#### **Fork Specifications**

	ik Opcomodions		
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	9184
	Static ripping Load - Straight (Forks Level)	lbs	20242
	Static Tipping Load - Articulated (Forks Level)	kg	7824
	(	lbs	17244
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3912
	,	lbs kg	8622 4694
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10346
		ka	6259
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13795
3	Maximum Overall Length	mm	10271
3	Maximum Overali Lengin	in	404.4
4	Reach with Forks at Ground Level	mm	1439
	Neach with Forks at Ground Level	in	56.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-91
	Ground to Bottom of Time at Minimum Fleight and Fork Eever		-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1941
	Trought Will 7 time trongental and 1 onto 2010	in	76.4
7	Reach with Fork at Maximum Height	mm	1062
		in	41.8 1864
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	73.4
		mm	4016
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.1
		mm	5084
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.1
	Ol		1705
11	Clearance at Full Lift and Max Dump	mm in	67.1
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2542
	Overall Garriage Wilder	in	100.1
14	Overall Carriage Height	mm	1158
		in	45.6
15	Outside Tine Width (max spread)	mm	2312
	,	in mm	91.0 896
16	Outside Tine Width (min spread)	in	35.3
		mm	180.0
	Tine Width (single tine)	in	7.1
	T 71:1	mm	90.0
	Tine Thickness	in	3.5
	Tine Conseits	kg	10100
	Tine Capacity	lbs	22260
	Operating Weight	kg	21116
	Operating Weight	lbs	46539



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

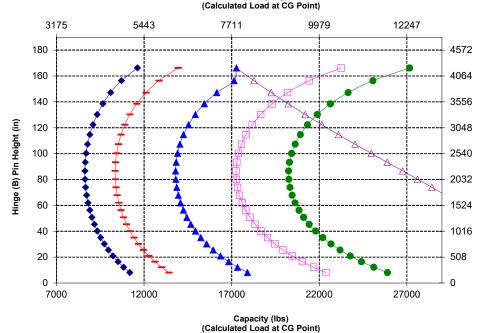


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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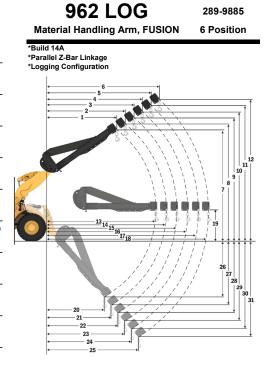


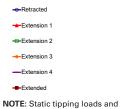
Capacity (kg)



# **Material Handling Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)		2,386	2,539	2,692	2,845	2,998	3,151
		7' 9"	8' 3"	8' 9"	9' 4"	9' 10"	10' 4"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	6,963	7,226	7,490	7,754	8,017	8,281
max Litt - Hook Eyelet Height (7, 6, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 6"	25' 5"	26' 3"	27' 2"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,708	5,013	5,317	5,622	5,927	6,232
	ft, in	15' 5"	16' 5"	17' 5"	18' 5"	19' 5"	20' 5"
Level - Hook Eyelet Height (19)	mm	1,839	1,839	1,839	1,839	1,839	1,839
	ft, in	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"	6' 0.3"
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	mm	2,511	2,688	2,866	3,043	3,221	3,399
In Litt - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"
Min 1:6	mm	(2,614)	(2,862)	(3,109)	(3,357)	(3,605)	(3,852
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)		-8' 5"	-9' 7"	-10' 9"	-11' 11"	-11' 2"	-12' 4"
Chabita Time in and Chaminha	kg	7,068	6,692	6,353	6,045	5,766	5,510
Static Tipping Load, Straight	lb	15,578	14,748	14,001	13,324	12,708	12,144
Charlie Time in a local Additional dead	kg	6,095	5,769	5,476	5,210	4,969	4,747
Static Tipping Load, Articulated		13,432	12,715	12,069	11,484	10,951	10,463
Operating Weight		20,214	20,214	20,214	20,214	20,214	20,214
		44,551	44,551	44,551	44,551	44,551	44,551





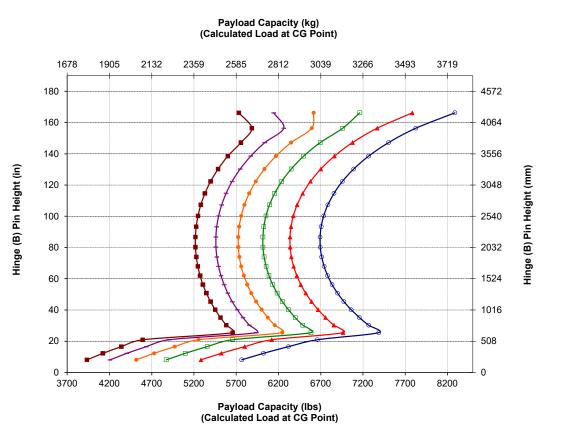
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14297.1

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





# **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.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with diesel particulate filter (DPF), and diesel exhaust fluid (DEF) tank and pump.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

## **Durability**

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

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

- Five-speed transmission and lock-up clutch torque converter, powertrains deliver smooth shifting, fast acceleration, and speed on grade for greater performance and fuel efficiency.
- 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 30%.\*
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- One-piece tilting hood makes engine compartment access fast and easy.
- Optional integrated autolube extends component and service life.

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

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

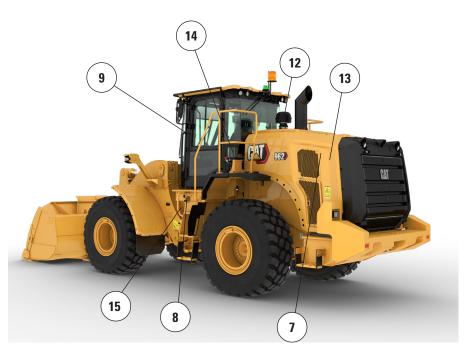
<sup>\*</sup>Parts and fluids only.

# **962 Corrosion Resistant Specifications**

# **962 Corrosion Resistant Features**

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





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

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

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

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AEXO3869-01 (1-2025) Replaces AEXO3869-00 Build Number: 14B (N Am, Europe, Aus-NZ, Türkiye, Chile, Colombia)

