

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	2
Engine – U.S. EPA Tier 4 Final/EU Stage V	Service Refill Capacities
Operating Specifications	Brakes
Buckets	Axles
Weight	Cab
Engine – U.S. EPA Tier 3 Equivalent/EU Stage IIIA Equivalent	Dimensions
Transmission	Tire Options5
Air Conditioning System	Bucket Fill Factors and Selection Guide
Hydraulic System3	Operating Specifications – Buckets
Sound	Fork/Material Handling Arm Specifications35
Standard and Optional Equipment	
962 Environmental Declaration	70
962 Waste and 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 Specifications
962 Corrosion Resistant Configuration	
Key Features and Benefits126	



Engine – U.S. EPA Tier 4 Final/	EU Stage V	
Engine Model	Cat® C7.1	
Meets U.S. EPA Tier 4 Final, EU Stage V	, and Japan 20	14 emission
standards.		
Engine Power @ 2,100 rpm	201 kW	269 hp
ISO 14396:2002	273 hp (metri	c)
Gross Power @ 2,100 rpm	203 kW	273 hp
SAE J1995:2014	277 hp (metric)	
Net Power @ 2,100 rpm	187 kW	251 hp
ISO 9249:2007, SAE J1349:2011	255 hp (metric)	
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	

- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and aftertreatment.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
- 20% biodiesel FAME (fatty acid methyl ester)***
- 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

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

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

Engine Model	Cat C7.1	
Meets Brazil MAR-1 and UN ECE RS	96 Stage IIIA emi	ission standards,
equivalent to U.S. EPA Tier 3 and EU	Stage IIIA.	
Engine Power @ 2,100 rpm	201 kW	269 hp
ISO 14396:2002	273 hp (met	ric)
Gross Power @ 2,100 rpm	206 kW	276 hp
SAE J1995:2014	280 hp (met	ric)
Net Power @ 2,100 rpm	187 kW	251 hp
ISO 9249:2007, SAE J1349:2011	255 hp (metric)	
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	

- 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.

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

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 ³	3.3-13.0 yd ³

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).

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 or R1234yf. See the label or instruction manual for identification of the gas.

- If equipped with R134a (Global Warming Potential = 1430), the system contains 1.600 kg (3.5 lb) of refrigerant which has a CO₂ equivalent of 2.288 metric tonnes (2.522 tons).
- If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 1.389 kg (3.1 lb) of refrigerant which has a $\rm CO_2$ equivalent of 0.001 metric tonnes (0.001 tons).

Hydraulic System		
Implement Pump Type	Variable Displacement Piston, Load Sensing	
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 rd Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 3 rd Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Optional 4 th Function Maximum Flow at Work Tool	240 L/min	63 gal/min
Optional 4 th Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi
Hydraulic Cycle Time with Rated Payloa	d:	
Raise from Carry Position	5.2 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)

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

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

Fuel Tank	259.5 L	68.6 gal
Diesel Exhaust Fluid (DEF) Tank (Tier 4 only)	15 L	4.0 gal
Cooling System (Tier 4)	54 L	14.3 gal
Cooling System (Tier 3)	54 L	14.3 gal
Crankcase	21 L	5.5 gal
Transmission	43 L	11.4 gal
Differentials and Final Drives – Front	43 L	11.4 gal
Differentials and Final Drives – Rear	43 L	11.4 gal
Hydraulic Tank	97 L	25.6 gal
Brakes		
Brakes Brakes meet ISO) 3450:2011 s	tandards

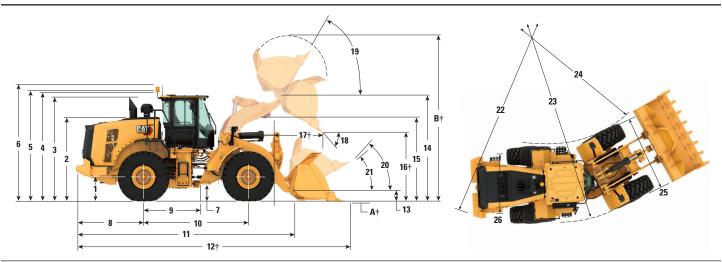
Axles		
Front	Fixed	
Rear	Oscillating ±13 degrees	

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	
Height to Axle Centerline	731 mm	2'4"	731 mm	2'4"
Height to Top of Hood	2692 mm	8'9"	2692 mm	8'9"
Height to Top of Exhaust Pipe	3405 mm	11'2"	3405 mm	11'2"
Height to Top of ROPS	3453 mm	11'3"	3453 mm	11'3"
Height to Top of Product Link Antenna	3460 mm	11'4"	3460 mm	11'4"
Height to Top of Warning Beacon	3733 mm	12'2"	3732 mm	12'2"
Ground Clearance	351 mm	1'1"	351 mm	1'1"
Centerline of Rear Axle to Edge of Counterweight	2182 mm	7'1"	2244 mm	7'4"
Centerline of Rear Axle to Hitch	1675 mm	5'5"	1675 mm	5'5"
Wheelbase	3350 mm	10'11"	3350 mm	10'11"
Overall Length (without bucket)	7263 mm	23'10"	7657 mm	25'2"
Shipping Length (with bucket level on ground)*†	8619 mm	28'4"	9013 mm	29'7"
Hinge Pin Height at Carry Height	674 mm	2'2"	776 mm	2'6"
Hinge Pin Height at Maximum Lift	4223 mm	13'10"	4511 mm	14'9"
Lift Arm Clearance at Maximum Lift	3459 mm	11'4"	3612 mm	11'10"
Dump Clearance at Maximum Lift and 45° Discharge*†	3040 mm	9'11"	3328 mm	10'11"
Reach at Maximum Lift and 45° Discharge*†	1398 mm	4'7"	1500 mm	4'11"
Dump Angle at Maximum Lift and Dump (on stops)*	49 deg	49 degrees		rees
Rack Back at Maximum Lift*	55 degrees		56 degrees	
Rack Back at Carry Height*	51 degrees		48 degrees	
Rack Back at Ground*	39 degrees		43 degrees	
Clearance Circle (dia) to Counterweight	12 045 mm	39'7"	12 050 mm	39'7"
Clearance Circle (dia) to Outside of Tires	12 029 mm	39'6"	12 029 mm	39'6"
Clearance Circle (dia) to Inside of Tires	6379 mm	25"0"	6379 mm	25'0"
Width over Tires (unloaded)	2804 mm	9'3"	2804 mm	9'3"
Width over Tires (loaded)	2825 mm	9'4"	2825 mm	9'4"
	Height to Axle Centerline Height to Top of Hood Height to Top of Exhaust Pipe Height to Top of ROPS Height to Top of Product Link Antenna Height to Top of Warning Beacon Ground Clearance Centerline of Rear Axle to Edge of Counterweight Centerline of Rear Axle to Hitch Wheelbase Overall Length (without bucket) Shipping Length (with bucket level on ground)*† Hinge Pin Height at Carry Height Hinge Pin Height at Maximum Lift Lift Arm Clearance at Maximum Lift Dump Clearance at Maximum Lift and 45° Discharge*† Reach at Maximum Lift and 45° Discharge*† Dump Angle at Maximum Lift and Dump (on stops)* Rack Back at Maximum Lift* Rack Back at Ground* Clearance Circle (dia) to Counterweight Clearance Circle (dia) to Inside of Tires Clearance Circle (dia) to Inside of Tires	Height to Axle Centerline Height to Top of Hood 2692 mm Height to Top of Exhaust Pipe 3405 mm Height to Top of ROPS 3453 mm Height to Top of Product Link Antenna 3460 mm Height to Top of Warning Beacon 3733 mm Ground Clearance 351 mm Centerline of Rear Axle to Edge of Counterweight 2182 mm Centerline of Rear Axle to Hitch 1675 mm Wheelbase 3350 mm Overall Length (without bucket) 7263 mm Shipping Length (without bucket) 97263 mm Hinge Pin Height at Carry Height Hinge Pin Height at Maximum Lift 4223 mm Lift Arm Clearance at Maximum Lift 4223 mm Lift Arm Clearance at Maximum Lift 4223 mm Dump Clearance at Maximum Lift and 45° Discharge*† 3040 mm Reach at Maximum Lift and 45° Discharge*† 3040 mm Reach at Maximum Lift and Dump (on stops)* 49 deg Rack Back at Carry Height* 51 deg Rack Back at Ground* 3405 mm Clearance Circle (dia) to Counterweight Clearance Circle (dia) to Outside of Tires 6379 mm Clearance Circle (dia) to Inside of Tires	Height to Axle Centerline 731 mm 2'4" Height to Top of Hood 2692 mm 8'9" Height to Top of Exhaust Pipe 3405 mm 11'2" Height to Top of ROPS 3453 mm 11'3" Height to Top of Product Link Antenna 3460 mm 11'4" Height to Top of Warning Beacon 3733 mm 12'2" Ground Clearance 351 mm 1'1" Centerline of Rear Axle to Edge of Counterweight 2182 mm 7'1" Centerline of Rear Axle to Hitch 1675 mm 5'5" Wheelbase 3350 mm 10'11" Overall Length (without bucket) 7263 mm 23'10" Shipping Length (with bucket level on ground)*† 8619 mm 28'4" Hinge Pin Height at Carry Height 674 mm 2'2" Hinge Pin Height at Maximum Lift 4223 mm 13'10" Lift Arm Clearance at Maximum Lift and 45° Discharge*† 3040 mm 9'11" Reach at Maximum Lift and 45° Discharge*† 3040 mm 9'11" Reach Back at Maximum Lift and Dump (on stops)* 49 degrees Rack Back at Carry Height* 51 deg	Height to Axle Centerline 731 mm 24" 731 mm Height to Top of Hood 2692 mm 89" 2692 mm Height to Top of Exhaust Pipe 3405 mm Height to Top of ROPS 3453 mm 11'2" 3405 mm Height to Top of Product Link Antenna Height to Top of Product Link Antenna Height to Top of Warning Beacon 3733 mm 12" 3732 mm Height to Top of Warning Beacon 3733 mm 12" 3732 mm Ground Clearance 351 mm 1'1" 351 mm Centerline of Rear Axle to Edge of Counterweight 1675 mm Wheelbase 3350 mm 10'11" 3350 mm Wheelbase 3350 mm 10'11" 3350 mm Hinge Pin Height at Carry Height Hinge Pin Height at Maximum Lift Hinge Pin Height at Maximum Lift and 45° Discharge*† 3040 mm 11'4" 3040 mm 11'4" 3050 mm Hinge Pin Height at Maximum Lift and 45° Discharge*† 3040 mm 11'4" 3041 mm Dump Angle at Maximum Lift and Dump (on stops)* 49 degres 47 deg Rack Back at Ground* 12 029 mm 13 90" 12 029 mm Clearance Circle (dia) to Outside of Tires 6379 mm 12 030 mm 12 0370 mm 13 0370 mm 14 0362 mm 15 0370 mm

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

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

[†]Dimensions are listed in Operating Specifications charts.

Tire Options

Tire Brand	Bridgestone	Michelin	Michelin	Michelin	Michelin
Tire Size	23.5R25	23.5R25	23.5R25	750/65R25	23.5R25
Tread Type	L-3	L-3	L-5	L-3	L-2
Tread Pattern	VJT	XHA2	XLD D2	XLD	XTLA
Width over Tires – Maximum (empty)*	2804 mm 9'3"	2823 mm 9'4"	2827 mm 9'4"	2942 mm 9'8"	2819 mm 9'3"
Width over Tires – Maximum (loaded)*	2825 mm 9'4"	2830 mm 9'4"	2837 mm 9'4"	2961 mm 9'9"	2821 mm 9'4"
Change in Vertical Dimensions (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"

^{*}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"

 $^{{}^*\!}W$ 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"

^{*}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"

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

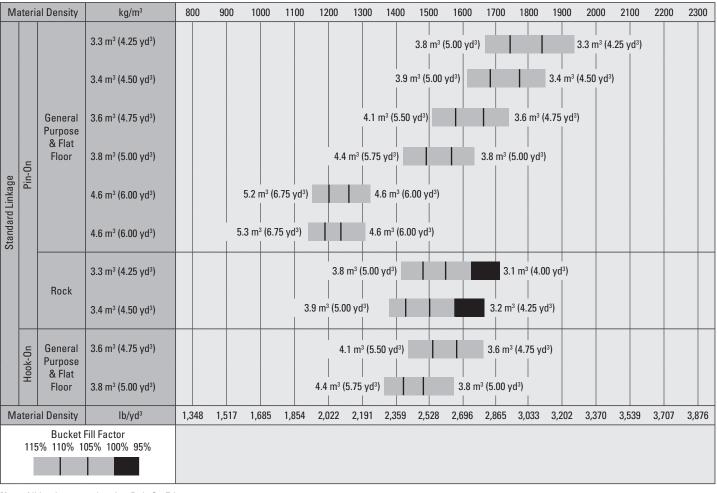
Bucket Fill Factors and Selection Guide

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

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

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



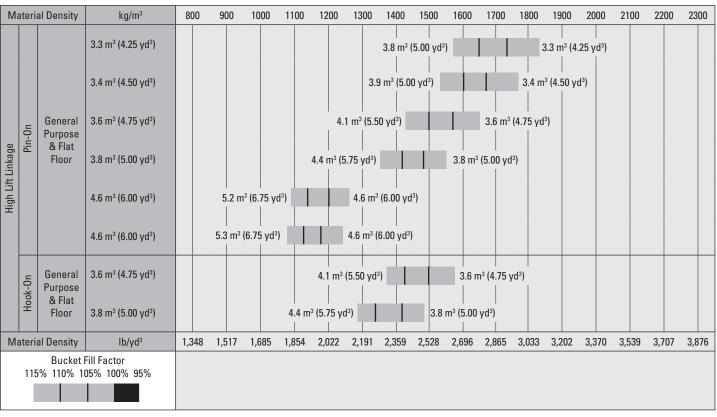
Bucket Fill Factors and Selection Guide

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

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

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

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



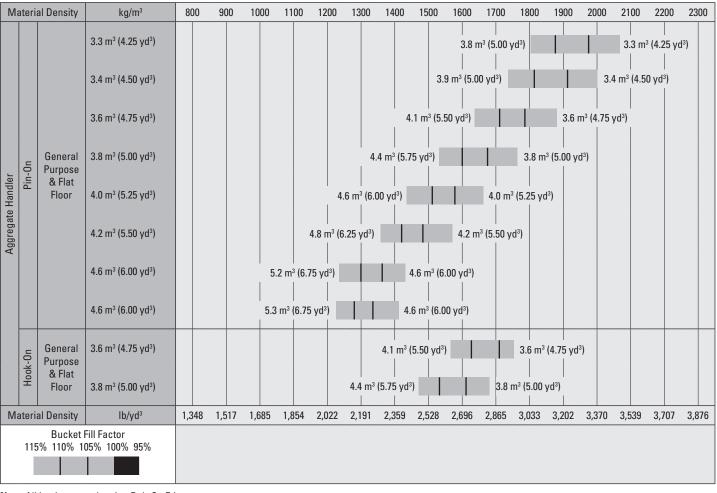
Bucket Fill Factors and Selection Guide

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

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

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

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



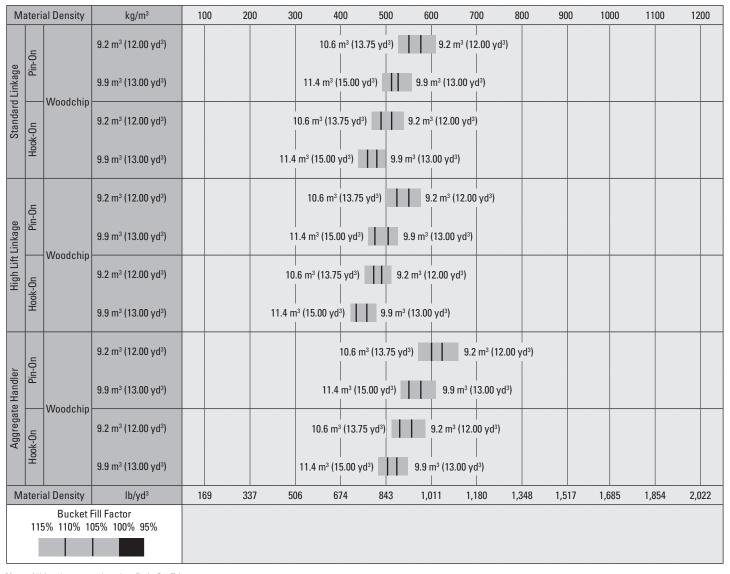
Bucket Fill Factors and Selection Guide

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

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

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

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



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 ³	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 ³	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"
16† 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)	1b	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
	lb	44,470	44,708	44,522	44,761	44,603	44,841	44,723	44,961

^{*}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 LinkTM, 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.

[†] Illustration shown with Dimension charts.

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

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

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

Operating Specifications – Buckets (continued)

Linkage			Standar	d Linkage			
Bucket Type		General Purpose – Hook-On – Fusion™					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m ³	3.60	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	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 † 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		

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage				S	tandard Linkaç	je		
Bucket Type				Flat Floo	r – Pin-On			Flat Floor - Pin-On – Light Material
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges
Capacity – Rated	m ³	3.40	3.40	3.60	3.60	3.80	3.80	4.60
Capacity – Rated	yd ³		4.50	4.75		5.00	5.00	6.00
Capacity – Rated at 110% Fill Factor	m ³	4.50			4.75			
Capacity – Rated at 110% Fill Factor		3.70	3.70	4.00	4.00	4.20	4.20	5.00
W. 14	yd ³	4.75	4.75	5.25	5.25	5.50	5.50	6.50
Width	mm	2927 9'7"	2994	2927	2994 9'9"	2927	2994	3338
461 D (1) (1) (1)	ft/in		9'9"	9'7"		9'7"	9'9"	10'11"
16† 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 [†] 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
Distribut Force (g)	lbf	41,357	41,118	39,939	39,700	38,428	38,189	36,055
Operating Weight*		20 197	20 305	20 241	20 349	20 295	20 403	20 321
Operating weight.	kg lb							÷
	ID	44,527	44,765	44,623	44,861	44,742	44,980	44,800

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

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage			Standar	d Linkage			
Bucket Type		Flat Floor – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m^3	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	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 † 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		
	_			4			

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage	Standard Linkage					
Bucket Type	Multi-Purpos	se – Pin-On	Multi-Purpose – F	look-On – Fusion		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m ³	2.90	2.90	2.90	2.90	
	yd³	3.75	3.75	3.75	3.75	
Capacity – Rated at 110% Fill Factor	m^3	3.20	3.20	3.20	3.20	
	yd³	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 † 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)	1b	29,594	29,216	28,001	27,719	
Static Tipping Load, Straight	kg	14 148	13 975	13 422	13 293	
(No tire deflection)	lb	31,192	30,810	29,590	29,306	
Static Tipping Load,	kg	11 476	11 304	10 786	10 658	
Articulated (With tire deflection)	lb	25,300	24,921	23,780	23,497	
Static Tipping Load, Articulated	kg	12 213	12 040	11 521	11 391	
(No tire deflection)	lb	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	

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage			Standard	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^3	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^3	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

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

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 ³	6.10	7.60	9.20
	yd^3	8.00	10.00	12.00
Capacity – Rated at 110% Fill Factor	m^3	6.70	8.40	10.10
	yd^3	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
6† Dump Clearance at Maximum 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	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

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

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

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

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

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

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

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

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

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

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

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

[†] Illustration shown with Dimension charts.

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

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

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 ³	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 ³	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"
16 † 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 † 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

^{*}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 LinkTM, 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.

[†] Illustration shown with Dimension charts.

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

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

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

Operating Specifications – Buckets (continued)

Linkage			High Lit	ft Linkage			
Bucket Type		General Purpose – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m^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 † 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		

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets (continued)

Linkage				H	ligh Lift Linkag	е		
Bucket Type				Flat Floo	r – Pin-On			Flat Floor – Pin-On – Light Material
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges
Capacity – Rated	m ³					3.80		
Capacity – Rated	yd ³	3.40	3.40 4.50	3.60 4.75	3.60	5.00	3.80 5.00	4.60 6.00
Capacity – Rated at 110% Fill Factor	m ³	4.50		****	4.75			
Capacity – Rated at 110% Fill Factor		3.70	3.70	4.00	4.00	4.20	4.20	5.00
W. 14.	yd ³	4.75	4.75	5.25	5.25	5.50	5.50	6.50
Width	mm	2927 9'7"	2994	2927	2994 9'9"	2927	2994	3338
461 D (1) (1) (1) (1)	ft/in		9'9"	9'7"		9'7"	9'9"	10'11"
16† 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
	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
	ft/in	29'9"	30'3"	29'10"	30'5"	30'0"	30'7"	30'4"
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
	lbf	41,030	40,777	39,622	39,369	38,123	37,871	35,776
Operating Weight*	kg	20 869	20 977	20 913	21 021	20 967	21 075	20 993
Operating weight	kg lb	46,007		46,104	46,342		46,461	46,280
	10	40,007	46,245	40,104	40,342	46,223	40,401	40,280

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

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage		High Li	ft 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

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets (continued)

Linkage			High Lift	Linkage	
Bucket Type			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^3	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 ³	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

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

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 ³	6.10	7.60	9.20
	yd^3	8.00	10.00	12.00
Capacity – Rated at 110% Fill Factor	m^3	6.70	8.40	10.10
	yd^3	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
6† Dump Clearance at Maximum Height	mm	4959	4956	4785
and High Dump Fully Rolled Out (48°)	ft/in	16'3"	16'3"	15'7"
7† 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† 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)	lb	22,535	22,666	21,973
Static Tipping Load, Straight	kg	10 834	10 935	10 624
(No tire deflection)	lb	23,886	24,109	23,423
Static Tipping Load,	kg	8460	8467	8170
Articulated (With tire deflection)	lb	18,651	18,667	18,013
Static Tipping Load, Articulated	kg	9097	9144	8851
(No tire deflection)	lb	20,056	20,160	19,514
Breakout Force(§)	kN	114	113	101
	lbf	25,806	25,452	22,780
Operating Weight*	kg	22 530	22 749	22 921
	lb	49,668	50,151	50,530

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

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Lin	kage			High Lift	Linkage			
Bud	cket Type		Woodchij	chip – Pin-On Woodchip – Hook-On – Fusion				
Edg	је Туре		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		

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

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 ³	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 ³	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"
16 † 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 † 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
307	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

^{*} 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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets (continued)

Linkage		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^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	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		

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage		Aggregate Handler									
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"				
16 † 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				
,	ft/in	28'8"	29'2"	28'9"	29'4"	28'11"	29'6"				
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				

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets (continued)

Linkage		Aggregate Handler					
Bucket Type			Flat Floor – Ho	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		
	yd³	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† 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		

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage		Aggregate Handler						
Bucket Type		High Dump — Pin-On Bolt-On Bolt-On Bolt-On						
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m ³	5.10	6.10	7.60	9.20			
	yd^3	6.75	8.00	10.00	12.00			
Capacity – Rated at 110% Fill Factor	m ³	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"			
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	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			
- -	lb	47,456	49,136	48,693	49,074			

^{*}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 LinkTM, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

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

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

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

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

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

Operating Specifications – Buckets (continued)

Linkage		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	m^3	6.70	8.40	10.10			
	yd^3	8.75	11.00	13.25			
Width	mm	3037	3350	3350			
	ft/in	9'11"	10'11"	10'11"			
6† Dump Clearance at Maximum 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† 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			
, 5	lb	49,460	49,943	50,322			

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

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

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

[†] Illustration shown with Dimension charts.

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

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

Operating Specifications – Buckets (continued)

Linkage		Aggreg	gate Handler
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m ³	2.90	2.90
	yd^3	3.75	3.75
Capacity – Rated at 110% Fill Factor	m ³	3.20	3.20
	yd^3	4.25	4.25
Width	mm	3220	3220
	ft/in	10'6"	10'6"
16† Dump Clearance at Maximum Lift	mm	2940	2941
and 45° Discharge	ft/in	9'7"	9'7"
17† Reach at Maximum Lift and	mm	1362	1361
45° Discharge	ft/in	4'5"	4'5"
Reach at Level Lift Arm and	mm	2902	2901
Bucket Level	ft/in	9'6"	9'6"
A† Digging Depth	mm	109	108
	in	4.3"	4.2"
12† Overall Length	mm	8746	8745
	ft/in	28'9"	28'9"
B [†] Overall Height with Bucket at	mm	5730	5722
Maximum Lift	ft/in	18'10"	18'10"
Loader Clearance Circle Radius	mm	6927	6947
with Bucket at Carry Position	ft/in	22'9"	22'10"
Static Tipping Load, Straight	kg	13 568	13 284
(With tire deflection)	lb	29,914	29,287
Static Tipping Load, Straight	kg	14 361	14 076
(No tire deflection)	lb	31,661	31,032
Static Tipping Load,	kg	11 505	11 221
Articulated (With tire deflection)	lb	25,365	24,740
Static Tipping Load, Articulated	kg	12 318	12 033
(No tire deflection)	1b	27,158	26,529
Breakout Force(§)	kN	175	177
	lbf	39,330	39,890
Operating Weight*	kg	21 361	21 817
	lb	47,092	48,098

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

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

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

[†] Illustration shown with Dimension charts.

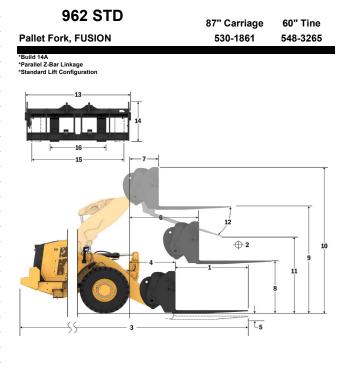
^{**}Aggregate Handler configuration is not compatible with rock buckets, and high lift.

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

Fork Specifications

Fork Specifications

	opoomounomo		
1	Tine Length	mm in	1524 60.0
_		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
	Ground to Bottom or Time at William 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 mm	38.2 1769
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	69.6
_	One and to Top of Tip of Manifestory United and Foods Laved	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
	Croram riolgin or r on carr an Em (top or oamago to ground)	in	184.9
11	Clearance at Full Lift and Max Dump	mm	2556 100.6
	· · · · · · · · · · · · · · · · · · ·	in	
12	Max Discharge Angle from Horizontal	deg	46
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
-10	Outside Title Width (Illin Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	in	5.9
	Tine Thickness	mm in	65.0 2.6
		kg	6300
	Tine Capacity	lbs	13885
	Operating Weight	kg	19792
	Operating Weight	lbs	43621



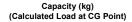
*Negative values indicate below grade

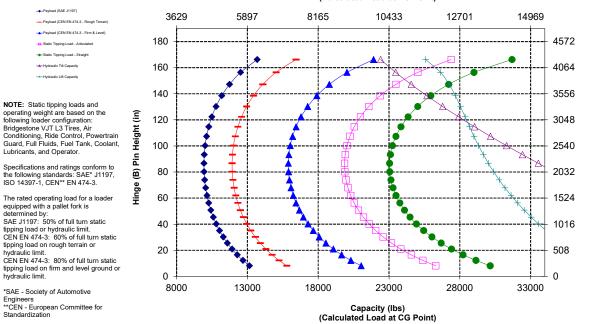
- Payload (CEN EN 474-3 - Rough Ter Payload (CEN EN 474-3 - Firm & Level)

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.





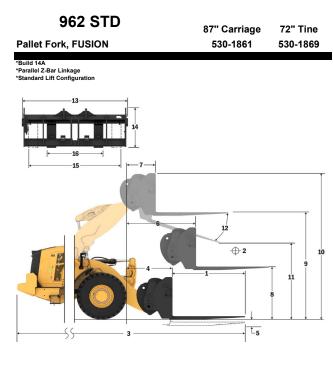
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

Fork Specifications

Fork Specifications

. •	nk opcomounding		
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	9959
	11 0 0 0	lbs	21950 8581
	Static Tipping Load - Articulated (Forks Level)	kg lbs	18912
		kg	4290
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9456
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5148
	Raied Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	11347
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6865
	Traice Load (OLIV EIV 474 OT IIIII and Level Ground - 66761 1012)	lbs	15129
3	Maximum Overall Length	mm	9538
		in	375.5
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	-161 -6.4
		in mm	1849
6	Reach with Arms Horizontal and Forks Level	in	72.8
_		mm	971
7	Reach with Fork at Maximum Height	in	38.2
	Cround to Ton of Tine with Arms Herizontal and Fork Level	mm	1769
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	69.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3920
-	Ordana 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
	<u> </u>	in	92.0
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 Time Middle (min annual)	mm	470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	Title Width (Siligle title)	in	5.9
	Tine Thickness	mm	65.0
	THE THERTICO	in	2.6
	Tine Capacity	kg	5246
	* 1 - 2	lbs	11562
	Operating Weight	kg	19839 43724
	· · ·	lbs	43/24



Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade



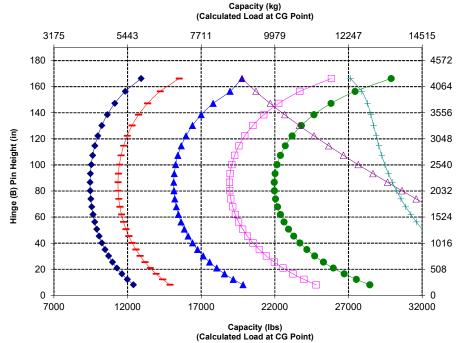
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricater, and Operative Lubricants, and Operator.

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

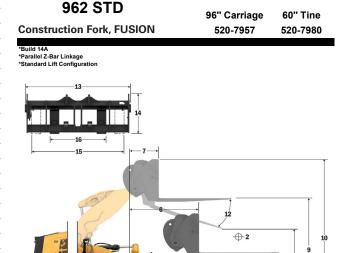




WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

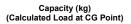
Fork Specifications

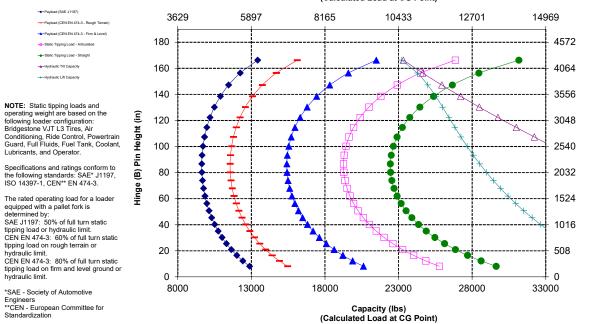
	opeomouneme		
1	Tine Length	mm in	1524 60.0
_	1 10 1	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10179
	Otatio Tipping Load - Ottaignt (1 Onto Lovel)	lbs	22433
	Static Tipping Load - Articulated (Forks Level)	kg	8735
	, ,	lbs kg	19252 4368
	Rated Load (SAE J1197 - 50% 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





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

Lubricants, and Operator.

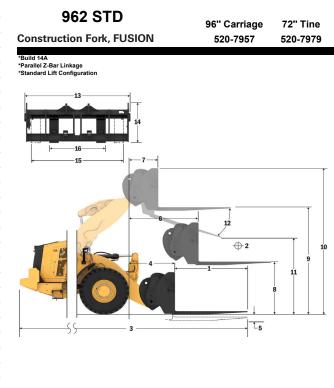
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

Fork Specifications

Fork Specifications

	ik Opecinications		
1	Tine Length	mm in	1829 72.0
_		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	9683
	Static Tipping Load - Straight (Porks Level)	lbs	21341
	Static Tipping Load - Articulated (Forks Level)	kg	8300
	otatio ripping zona i rationatoa (ronto zono)	lbs	18294
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4150
		lbs	9147 4980
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	10977
		kg	6640
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14635
_		mm	9494
3	Maximum Overall Length	in	373.8
4	Reach with Forks at Ground Level	mm	1333
-	Reach with Forks at Ground Level	in	52.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
	Cround to Bottom or time at Milliminant Height and Fork Edver	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
	Trought Mary and Fronzestial and Forto 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	1874
	·	in	73.8 4026
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	158.5
		mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
	0	mm	2259
11	Clearance at Full Lift and Max Dump	in	88.9
42	May Discharge Angle from Herizontel		
12	Max Discharge Angle from Horizontal	deg	52
12	Overall Carriage Width	mm	2528
13	Overall Carriage virgin	in	99.5
14	Overall Carriage Height	mm	1130
	O Torum Carriago Froight	in	44.5
15	Outside Tine Width (max spread)	mm	2178
_	·	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
		mm	180.0
	Tine Width (single tine)	in	7.1
	T. T	mm	90.0
	Tine Thickness	in	3.5
	Tine Canacity	kg	14800
	Tine Capacity	lbs	32619
	Operating Weight	kg	20228
	Operating weight	lbs	44581



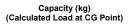
Hinge (B) Pin Height (mm)

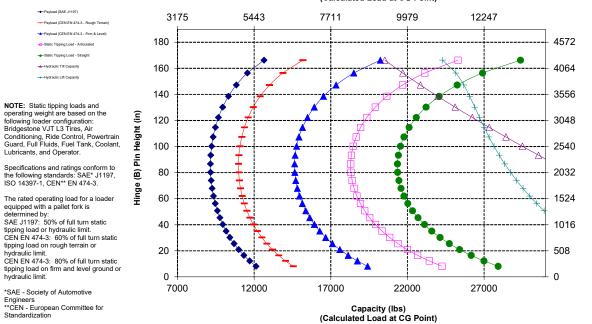
- Payload (CEN EN 474-3 - Rough Ter Payload (CEN EN 474-3 - Firm & Level)

Lubricants, and Operator.

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

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

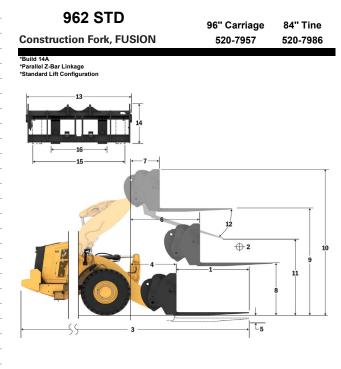




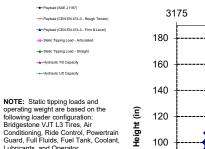
^{*}Negative values indicate below grade

Fork Specifications

	··· opeoinounene		
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	9221
	11 0 0 1	lbs kg	20322 7894
	Static Tipping Load - Articulated (Forks Level)	lbs	17399
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3947
	Nated Load (OAL 31197 - 30 /61101L)	lbs	8700
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4737
		lbs kg	10440 6316
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13920
3	Maximum Overall Length	mm	9799
	Maximum Overall Length	in	385.8
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
-	Reacti with Airis Horizonial 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
9	Glound 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
		in mm	199.5 2019
11	Clearance at Full Lift and Max Dump	in	79.5
12	Max Discharge Angle from Horizontal		52
12	Max Discharge Angle Iron Fronzontal	deg	
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
15	Outside Tifle Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
		in mm	22.7 180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THURNESS	in	3.5
	Tine Capacity	ka	12700
_	· ,	lbs	27991 20291
	Operating Weight	kg lbs	44720
		IDO	44120



^{*}Negative values indicate below grade



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

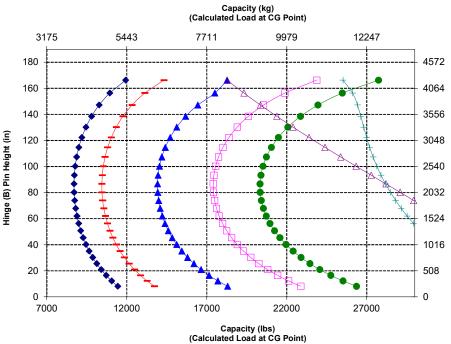
Lubricants, and Operator.

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

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





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

Fork Specifications

Fork Specifications

	rk opcomedions		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Certier	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	8792 19378
		kg	7518
	Static Tipping Load - Articulated (Forks Level)	lbs	16569
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3759
	,	lbs	8285 4511
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	9942
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6014
		lbs	13255 10103
3	Maximum Overall Length	mm in	397.7
4	Reach with Forks at Ground Level	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
		in mm	-3.2 1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	Treach with the at Maximum Height	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1874 73.8
_	0 11 T (T 1M 1 11 11 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
		in mm	199.5 1779
11	Clearance at Full Lift and Max Dump	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
-12	Wax Discharge Angle Horn Horizontal		
13	Overall Carriage Width	mm in	2528 99.5
	0 10 : 11:11	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	Catolas Tills Triali (max oproda)	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm in	90.0 3.5
	Tino Canacity	kg	11300
	Tine Capacity	lbs	24905
	Operating Weight	kg	20353
		lbs	44857

962 STD	96" Carriage	96" Tine
Construction Fork, FUSION	520-7957	520-7981
Build 14A Parallel Z-Bar Linkage 'Standard Lift Configuration		
13 14 15 15		
	12	
	1	11 10 8
	<u></u>	

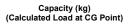
Pin Height (mm)

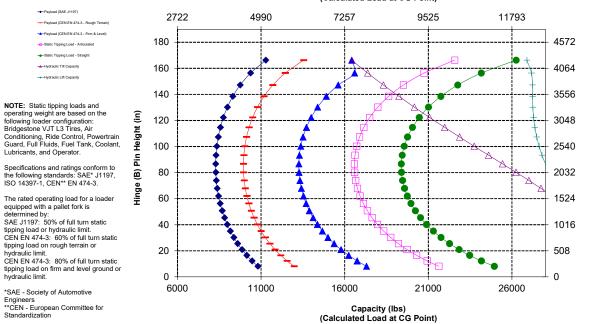
Hinge (B)

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

Lubricants, and Operator.

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





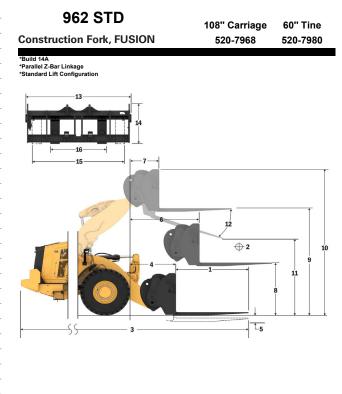


*SAE - Society of Automotive Engineers
**CEN - European Committee for

^{*}Negative values indicate below grade

Fork Specifications

	ik opecinications		
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10143
	Static ripping Load - Straight (Forks Level)	lbs	22355
	Static Tipping Load - Articulated (Forks Level)	kg	8700
	Otatio Tipping Load - 7 titiodiated (1 onto Level)	lbs	19174
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4350
	,	lbs	9587 5220
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	11504
		kg	6960
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15339
_	Marrian Constall Landth	mm	9189
3	Maximum Overall Length	in	361.8
4	Reach with Forks at Ground Level	mm	1333
_	Treach with torks 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	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
9	Ground to Top or 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
	Overall rieight of Folk at Fall Lift (top of carnage 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
12	Overall Carriage Width	mm	2833
13	Overall Carriage vvidin	in	111.5
14	Overall Carriage Height	mm	1130
• •	o voicin ournago i loigin	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	, , ,	in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	Time Matinda (-in-all-dime)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THIS THISKNESS	in	3.5
	Tine Capacity	kq	17800
	· · · · · · · · · · · · · · · · · · ·	lbs	39231
	Operating Weight	ka	20216
		lbs	44555



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

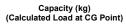
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator.

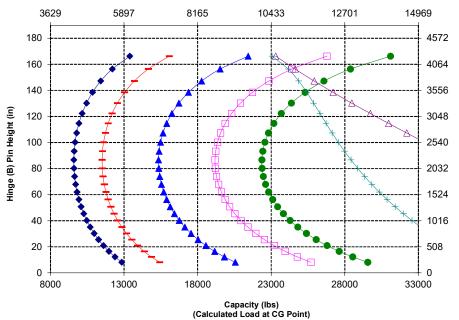
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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.





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

Pin Height (mm)

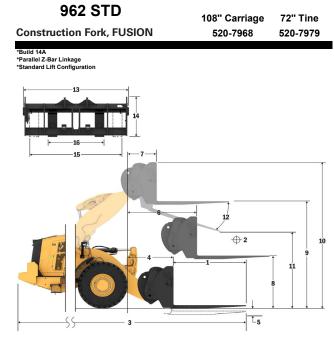
Hinge (B)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

	ik opecinoations		
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	9648
		lbs	21264 8265
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	18217
		kg	4133
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9109
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	ka	4959
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	10930
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6612
	Trailed Load (OLIV LIV 474-51 IIIII alid Level Gloding - 00 /01 151L)	lbs	14574
3	Maximum Overall Length	mm	9494
_	maximum overall congui	in	373.8
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 -3.2
	<u> </u>	in mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
_	B 1 20 E 1 114 1 11 11 11	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
۰	Ground 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	4026
	Ordana to Top of Time at Maximum Troight and Tork Eever	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	- 0 (1 0 0)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2259 88.9
	<u> </u>	in	
12	Max Discharge Angle from Horizontal	deg	52
42	Overall Carriage Width	mm	2833
13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
•••	O Torial Carriago Froight	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	· · ·	in	97.8 590
16	Outside Tine Width (min spread)	mm in	23.2
	T: \M:-Ht- (-:I4:)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	14800
	- mo capacity	lbs	32619
	Operating Weight	ka	20278
		lbs	44692



Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade





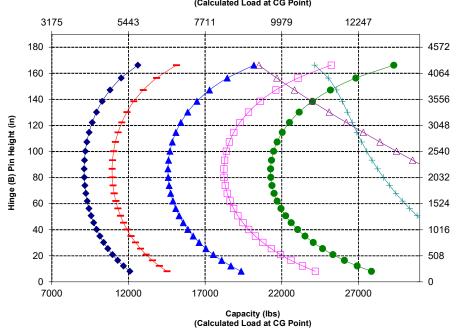
-Payload (CEN EN 474-3 - Firm & Level

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

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.

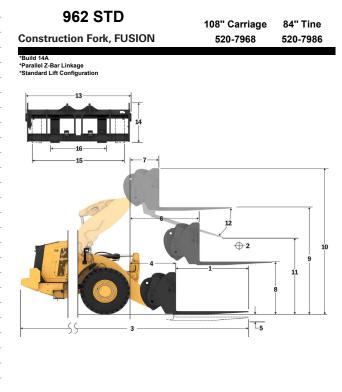
*SAE - Society of Automotive Engineers
**CEN - European Committee for



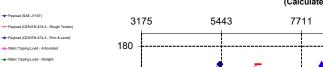


Fork Specifications

1	Tine Length	mm in	2134 84.0
		mm	1067
2	Load Center	in	42.0
	Static Tinning Load Straight (Forks Loyal)	kg	9188
	Static Tipping Load - Straight (Forks Level)	lbs	20250
	Static Tipping Load - Articulated (Forks Level)	kg	7862
	Otatio Tipping Load - 7 titodiated (1 of to Level)	lbs	17328
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3931
		lbs	8664
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4717 10397
		kg	6290
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13862
_	W : 0 III II	mm	9799
3	Maximum Overall Length	in	385.8
4	Reach with Forks at Ground Level	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 of Time at William Treight and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
	Trought War / Willo Fronzontal and Forto Eoro	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	<u> </u>	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874 73.8
		in mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
		mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
44	Oleanna at Full Life and Mary Down	mm	2019
11	Clearance at Full Lift and Max Dump	in	79.5
12	Max Discharge Angle from Horizontal	deg	52
12	Max Discharge Angle Iron Horizonial	ueg	-
13	Overall Carriage Width	mm	2833
	O Toran Garnago Triadi	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5 2483
15	Outside Tine Width (max spread)	mm in	97.8
		mm	590
16	Outside Tine Width (min spread)	in	23.2
	T APPRICATE CONTRACTOR	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	12700
	Tillo Oupdoity	lbs	27991
	Operating Weight	kg	20340
	- F - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	lbs	44828



^{*}Negative values indicate below grade

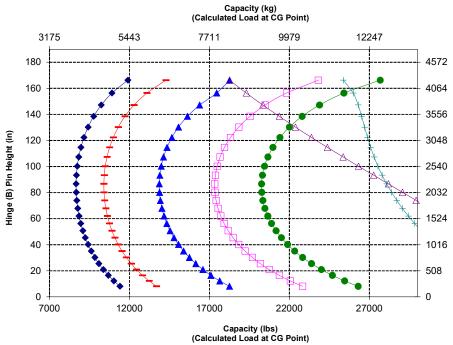


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

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



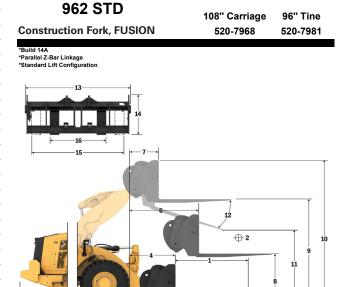


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

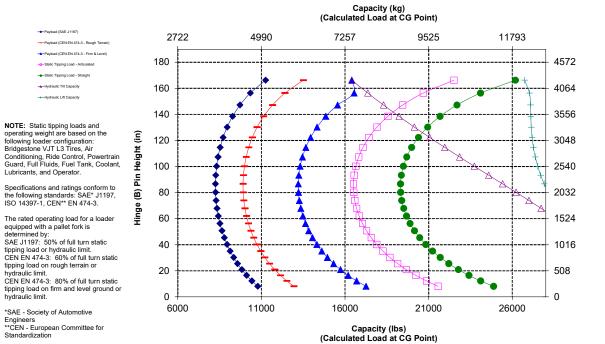
. •	ik Opcomoduona		
1	Tine Length	mm in	2438 96.0
_	1 10 1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8760
	Otatic Tipping Load - Ottaignt (Forks Level)	lbs	19307
	Static Tipping Load - Articulated (Forks Level)	kg	7486
	11 5 7	lbs	16498
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3743 8249
		lbs ka	4491
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	9899
	D	kg	5988
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13199
3	Maximum Overall Length	mm	10103
	Maximum Overali Lengin	in	397.7
4	Reach with Forks at Ground Level	mm	1333
	Troubly Will Forto at Ground 2570	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 in	963 37.9
_		mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
_	Oncord to Tax of Tipe at Manipular Haints and Fade Lavel	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	1779
	Clearance at 1 dii Liit and Wax Bump	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm in	2833 111.5
		mm	1130
14	Overall Carriage Height	in	44.5
	O L T MON / D	mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
10	Outside Title Width (Itilit spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	The Trial (onigio tillo)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq	11300
_	<u> </u>	lbs	24905
	Operating Weight	kq	20403 44967
		lbs	44907



Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade







Lubricants, and Operator.

Material Handling Arm Specifications

Construction Fork, FUSION

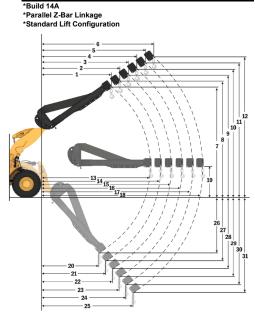
962 STD

289-9885

Material Handling Arm, FUSION

6 Position

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	mm	2,386	2,539	2,692	2,845	2,998	3,151
wax Litt - Hook Eyelet Readii (1, 2, 3, 4, 3, 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 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, 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 Life Hank Frield Daniel (20, 24, 22, 23, 24, 25)	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 Line Friedrich (00, 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"
Chatic Timeing Lond Charinha	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 Tripping Load, Afficulated	lb	12,485	11,817	11,215	10,669	10,173	9,719
On continu 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 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.

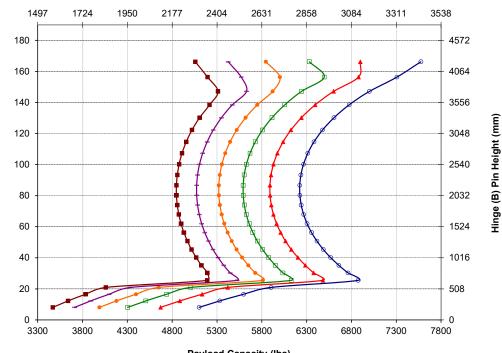
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1 Hinge (B) Pin Height (in)

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)

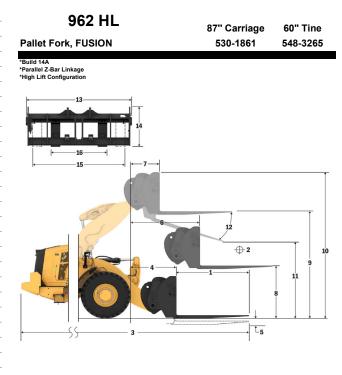


Payload Capacity (lbs) (Calculated Load at CG Point)

Fork Specifications

Fork Specifications

	rk Opecinications		
1	Tine Length	mm	1524 60.0
		in mm	762
2	Load Center	in	30.0
	Ct-ti- Tii I Ctit- /FI I I)	kg	10229
	Static Tipping Load - Straight (Forks Level)	lbs	22546
	Static Tipping Load - Articulated (Forks Level)	kg	8766
	Static ripping Load - Articulated (Porks Level)	lbs	19320
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4383
	Traica Edad (G/IE 01101 - 00/01 101E)	lbs	9660
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5259
	Tatou Loud (OLIT LIT IT TO Hough Fortain Cover Fort)	lbs	11592
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7013
		lbs	15456
3	Maximum Overall Length	mm	9617
_		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	-167
	<u> </u>	in	-6.6 2127
6	Reach with Arms Horizontal and Forks Level	mm	83.7
_		in mm	1072
7	Reach with Fork at Maximum Height	in	42.2
	<u> </u>	mm	1769
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	69.6
		mm	4209
9	Ground to Top of Tine at Maximum Height and Fork Level	in	165.7
	0 """ (5) (5) (6) (7)	mm	4984
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	196.2
	Ol	mm	2884
11	Clearance at Full Lift and Max Dump	in	113.5
42	Max Discharge Angle from Horizontal	doa	44
12	Max Discharge Angle Irom Horizontal	deg	44
13	Overall Carriage Width	mm	2217
-13	Overall Carriage Width	in	87.3
14	Overall Carriage Height	mm	840
	Overall Garnage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	Catalas Tillo Triati (max oproda)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	- ()	in	18.5
	Tine Width (single tine)	mm	150.0
	, , ,	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg Ibs	6300 13885
		kg	20463
	Operating Weight	lbs	45101
		IDS	70101



Pin Height (mm)

<u>@</u>

Capacity (kg) (Calculated Load at CG Point)



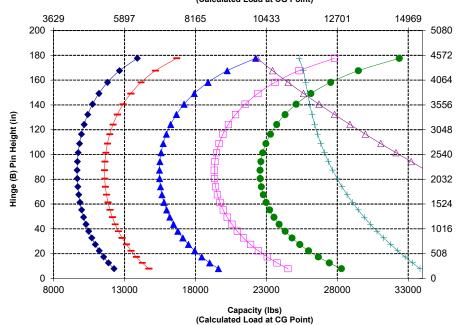
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lutricater, and Operator. Lubricants, and Operator.

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

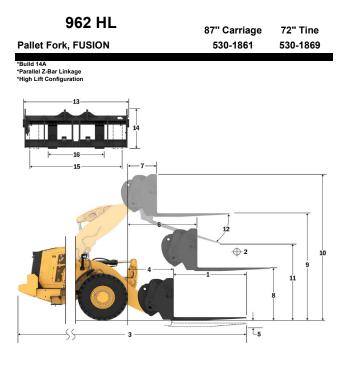




^{*}Negative values indicate below grade

Fork Specifications

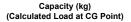
1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	9779 21554
		ka	8373
	Static Tipping Load - Articulated (Forks Level)	lbs	18455
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4187
	Nated Load (OAL 31137 - 30701 101L)	lbs	9228
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5024
	, , ,	lbs	11073
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6699 14764
_		mm	9923
3	Maximum Overall Length	in	390.7
4	Reach with Forks at Ground Level	mm	1699
-	Reach with Forks at Ground Level	in	66.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-167
	Croana to Bottom or timo at minimam riolgin and ronk 2010	in	-6.6
6	Reach with Arms Horizontal and Forks Level	mm	2127
		in	83.7
7	Reach with Fork at Maximum Height	mm in	1072 42.2
_		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	4209
9	Ground to Top of Time at Maximum Height and Fork Level	in	165.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4984
		in	196.2
11	Clearance at Full Lift and Max Dump	mm in	2672 105.2
12	Max Discharge Angle from Horizontal	deg	44
13	Overall Carriage Width	mm	2217
		in	87.3 840
14	Overall Carriage Height	mm in	33.1
45	Outside Time Middle (many and ad)	mm	2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Outside Tille Width (Hill Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
		in	5.9
	Tine Thickness	mm in	65.0 2.6
		kg	5246
	Tine Capacity	lbs	11562
	Operating Weight	kg	20510
	Operating Weight	lbs	45204

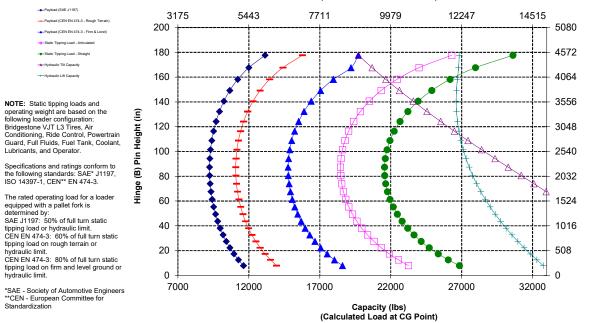


--- Payload (CEN EN 474-3 - Rough Terrain

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.

Pin Height (mm)

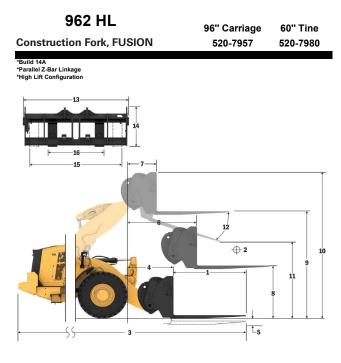
Hinge (

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

	rk opcomedions		
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 + 11	kg	4242
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9349
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5090
	Nated Load (CEN EN 474-5 Nough Terrain - 00 /01 101E)	lbs	11218
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6787
		lbs	14958
3	Maximum Overall Length	mm in	9577 377.1
	<u> </u>	mm	1659
4	Reach with Forks at Ground Level	in	65.3
_	**	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
	Neach With Anns Horizontal and Forks Level	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
40	O	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	2823
•••	Oleanance at 1 dii Elit and Wax Dump	in	111.1
12	Max Discharge Angle from Horizontal	deg	50
		mm	2528
13	Overall Carriage Width	in	99.5
		mm	1130
14	Overall Carriage Height	in	44.5
4 =	Outside Tine Width (max spread)	mm	2178
15	Outside Title Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Outside Title Width (Titlin Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0 3.5
_		in ka	3.5 17800
	Tine Capacity	lbs	39231
	Operating Weight	ka	20838



Hinge (B) Pin Height (mm)

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

Capacity (kg) (Calculated Load at CG Point)



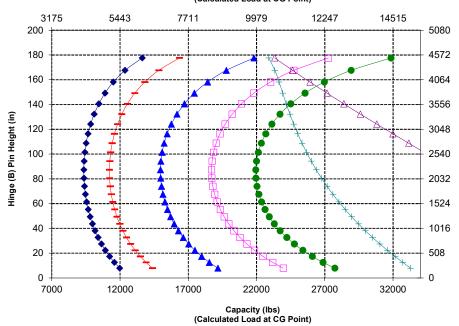
Lubricants, and Operator.

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

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

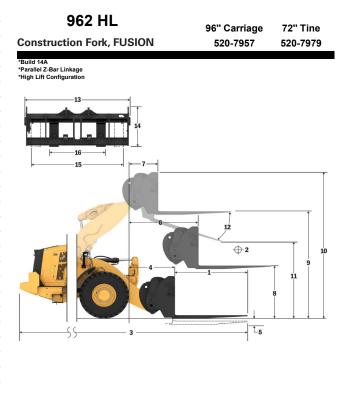




^{*}Negative values indicate below grade

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

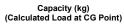
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator.

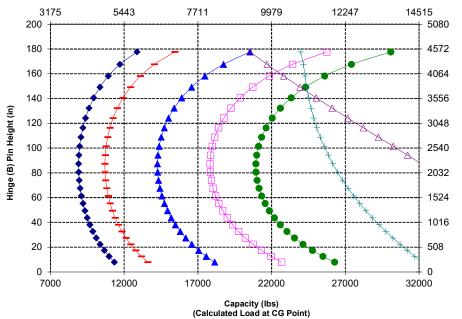
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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)





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



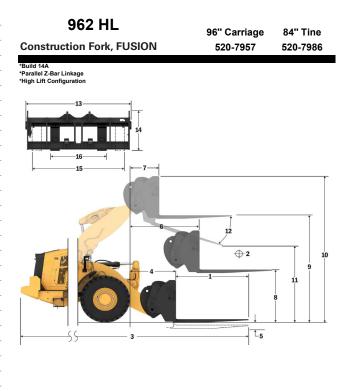
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

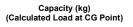
Fork Specifications	Fork S	Specifi	cations
---------------------	--------	---------	---------

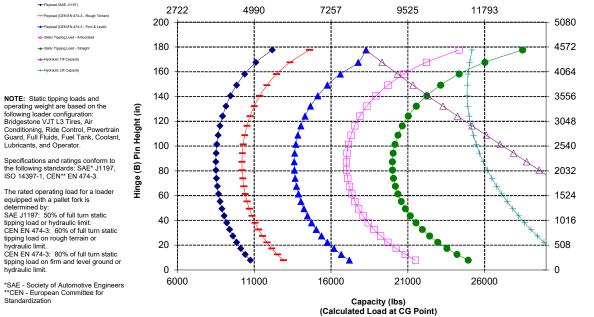
10	ik opecifications		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9067
	otatio ripping coda otaligni (ronto corol)	lbs	19984
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7711 16994
		kg	3855
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8497
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4626
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	10197
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6169
	Traica Load (OLIV LIV 474-01 IIII and Level Gloding - 00%) 1 101L)	lbs	13595
3	Maximum Overall Length	mm	10187
	· •	in	401.1
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
_	B 1 30 A 11 : 11 15 1 1 1	mm	2119
6	Reach with Arms Horizontal and Forks Level	in	83.4
7	Reach with Fork at Maximum Height	mm	1064
	Reach with Fork at Maximum Height	in	41.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
		in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4315 169.9
		in mm	5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	210.8
	Ol	mm	2355
11	Clearance at Full Lift and Max Dump	in	92.7
12	Max Discharge Angle from Horizontal	deg	50
-12	Max Discharge Angle Iron Honzontal		
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 Time (Width (using sourced))	mm	576
10	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Tille Tridat (Single tille)	in	7.1
	Tine Thickness	mm	90.0
_		in	3.5
	Tine Capacity	ka	12700
_	·	lbs	27991 20962
	Operating Weight	kq lbs	46200
		ins	40200



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.

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

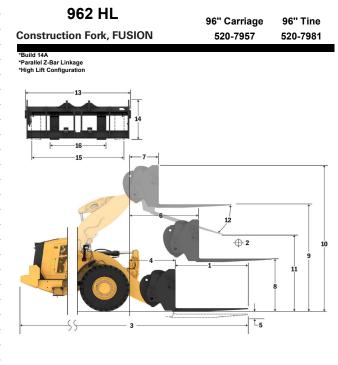


Standardization

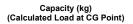
^{*}Negative values indicate below grade

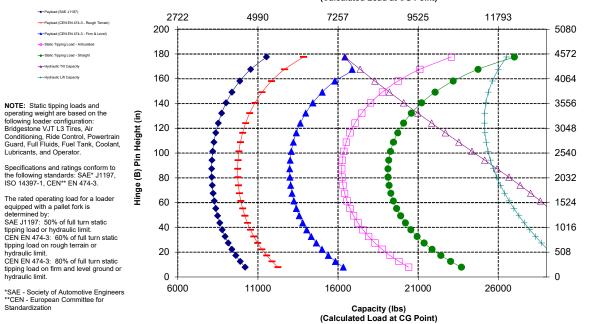
Fork Specifications

	ik Opecinications		
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	8668
	Otatic Tipping Load - Straight (Forks Level)	lbs	19105
	Static Tipping Load - Articulated (Forks Level)	kg	7361
		lbs	16225
	Rated Load (SAE J1197 - 50% FTSTL)	kg	3681 8112
		lbs kg	4417
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	9735
		kg	5889
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	12980
_	Manifestora Occasilla anneth	mm	10491
3	Maximum Overall Length	in	413.0
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
	Ground to Bottom of this at Minimum Height and Fork Eever	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
		in	83.4
7	Reach with Fork at Maximum Height	ḿш	1064
	<u> </u>	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
	0 1111111111111111111111111111111111111	mm	5355
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	210.8
	Oleanna at Full Lift and Man Donna	mm	2122
11	Clearance at Full Lift and Max Dump	in	83.5
12	Max Discharge Angle from Horizontal	deg	50
-12	Max Discharge Angle Iron Honzonial	ueg	
13	Overall Carriage Width	mm	2528
	O Totali O atriago Triadi	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
	T 140 H (1 4 0)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKHESS	in	3.5
	Tine Capacity	kg	11300
	тие очрчоку	lbs	24905
	Operating Weight	kq	21024
	=p-:	lbs	46337



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





Lubricants, and Operator.

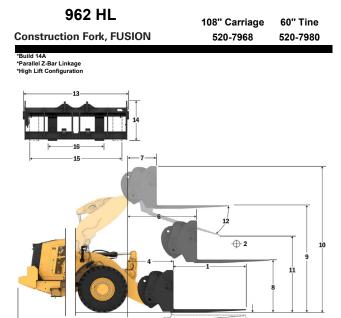
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

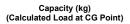
Fork	Specifications
------	-----------------------

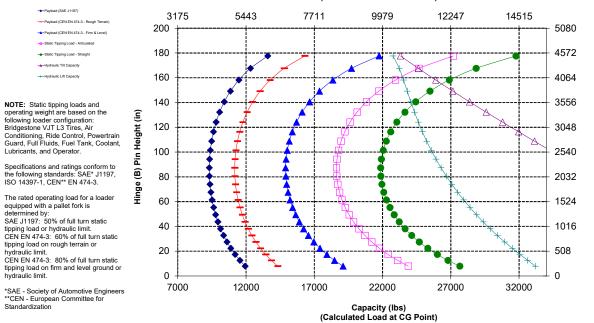
	ik opecifications		
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	9914
	11 0 0 0 7	lbs kg	21851 8447
	Static Tipping Load - Articulated (Forks Level)	lbs	18617
	D-4-414/04E 14407	ka	4223
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	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



Ĺ₅

Hinge (B) Pin Height (mm)



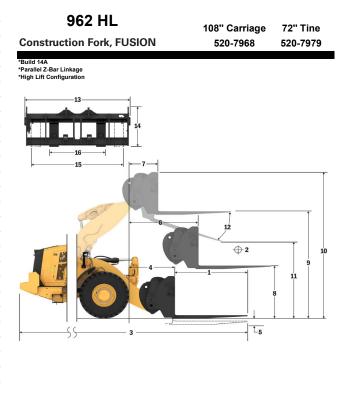


Lubricants, and Operator.

^{*}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 I on at Maximum Hoight	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



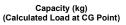
- Payload (CEN EN 474-3 - Rough Ter

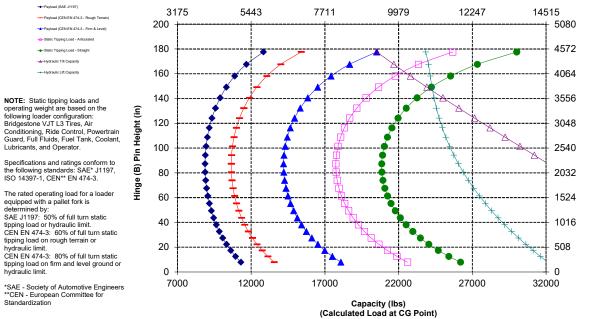
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator.

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

Lubricants, and Operator.

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





Standardization

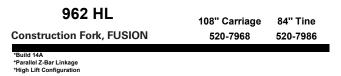
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

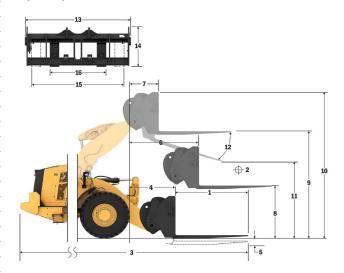
^{*}Negative values indicate below grade

Fork Specifications

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

	opeomouneme		
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	9033
	otatio ripping coda ottaigni (romo coron)	lbs	19909
	Static Tipping Load - Articulated (Forks Level)	kg lbs	7677 16920
		kg	3838
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8460
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4606
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	10152
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6142
		lbs	13536
3	Maximum Overall Length	mm in	10187 401.1
		mm	1659
4	Reach with Forks at Ground Level	in	65.3
-	*Cround to Bottom of Tine at Minimum Height and Fork Lavel	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
_	Trought Mary armo Fronzontal and Forto 2010	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
_	Oncomed to Ton of Time at Manifestory Hairba and Fade Lavel	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
	Overall Freight of Fernal Fall Line (top of carriage to ground)	in	210.8
11	Clearance at Full Lift and Max Dump	mm	2355
	· '	in	92.7
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2833
	g	in	111.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
10	Outside Title Width (Hilli Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	···- ··· \··g ···-/	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 12700
	Tine Capacity	ka Ibs	27991
	On another a Mariaba	ka	21011
	Operating Weight	lbs	46308





Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

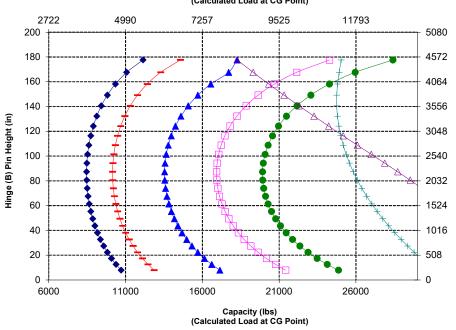


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator. Lubricants, and Operator.

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 full furn static tipping load on firm and level ground or hydraulic limit.

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

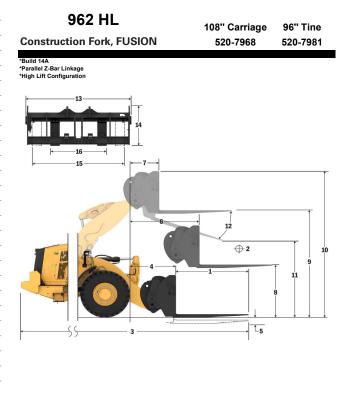




^{*}Negative values indicate below grade

Fork Specifications

	opermeaner		
1	Tine Length	mm in	2438 96.0
_	Land Carter	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	8635
	otatio ripping 2000 ottaign (1 onto 2010)	lbs	19031
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	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
		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
- O	Ground to Bottom or Time at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	2119
_	Trought Mail 7 amo Fronzontal and Forno 2070.	in	83.4
7	Reach with Fork at Maximum Height	mm	1064
	<u> </u>	in	41.9 1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	73.8
_	0 11 7 77 111 1 15 11 1	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 Freight of Fork at Full Elit (top of carriage to ground)	in	210.8
11	Clearance at Full Lift and Max Dump	mm	2122
	Oldardinos de l'alli Elit dina max Bamp	in	83.5
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2833
	Overall Carriage Wilder	in	111.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
	O 1 11 T 14/11/11 / 1	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Title Villati (Single title)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	11300
		lbs ka	24905 21074
	Operating Weight	lbs	46447
		100	



^{*}Negative values indicate below grade

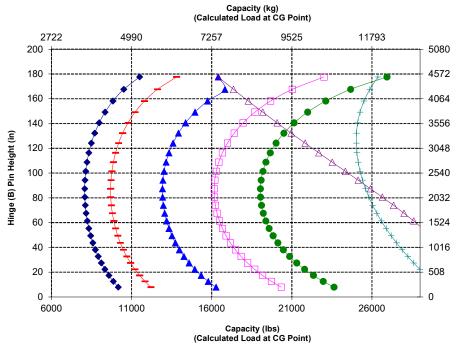


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

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.

Material Handling Arm Specifications

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
	mm	2,460	2,611	2,761	2,912	3,062	3,213
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	8' 0"	8' 6"	9' 0"	9' 6"	10' 0"	10' 6"
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	mm	7,270	7,535	7,800	8,065	8,330	8,595
wax Litt - nook Eyelet neight (7, 6, 9, 10, 11, 12)	ft, in	23' 10"	24' 8"	25' 7"	26' 5"	27' 3"	28' 2"
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	mm	4,985	5,290	5,595	5,900	6,204	6,509
Level - Hook Eyelet Reach (13, 14, 13, 16, 17, 16)	ft, in	16' 4"	17' 4"	18' 4"	19' 4"	20' 4"	21' 4"
Lavel Harly 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"
AF 177 11 1 5 1 1 B 1 1 CO 04 00 00 04 05	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 Hank Frank Hainks (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"
Static Tipping Load, Straight	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
Operating Weight	kg	20,221	20,221	20,221	20,221	20,221	20,221
Operating Weight		44,567	44,567	44,567	44,567	44,567	44,567

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

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

**The state of the state o

962 HL

289-9885



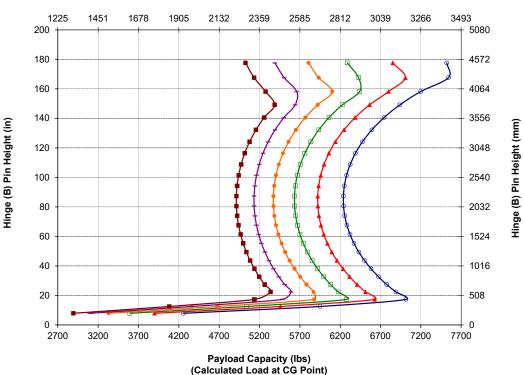
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

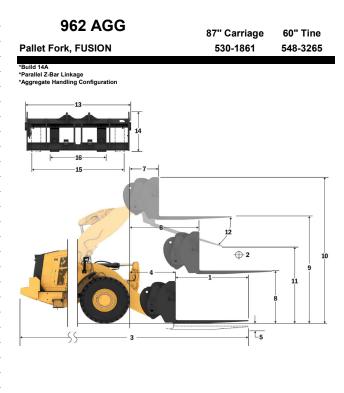
*SAE - Society of Automotive Engineers

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

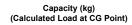


Fork Specifications

1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	11282
	otatio ripping 2000 ottaignt (1 onto 2010)	lbs	24865
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9700 21379
		kg	4850
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10690
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5820
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	12828
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7760
		lbs	17103
3	Maximum Overall Length	mm	9294
	<u> </u>	in mm	365.9 1376
4	Reach with Forks at Ground Level	in	54.2
_	*O	mm	-161
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
	Treach with Annis Honzontal and Forks Level	in	72.8
7	Reach with Fork at Maximum Height	mm	971
		in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1769 69.6
		mm	3920
9	Ground to Top of Tine at Maximum Height and Fork Level	in	154.3
40	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4695
10	Overall Height of Fork at Full Lift (top of carnage to ground)	in	184.9
11	Clearance at Full Lift and Max Dump	mm	2556
	Oldarding at Fall Elit and Max Bump	in	100.6
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
	Overall Carriage vindin	in	87.3
14	Overall Carriage Height	mm	840
		in	33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
	0.1:1 T WOW / :	mm	470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	THE WIGHT (SHIGHE HITE)	in	5.9
	Tine Thickness	mm	65.0
	***************************************	in	2.6
	Tine Capacity	kg	6300
		lbs kg	13885 20369
	Operating Weight	lbs	44892
		iba	77002



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





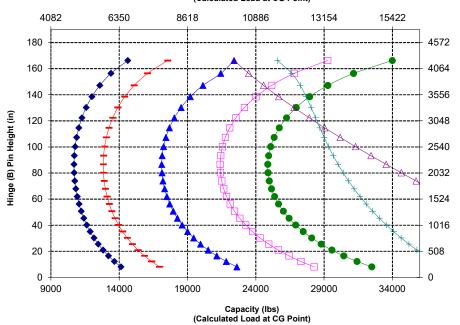
Lubricants, and Operator.

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

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

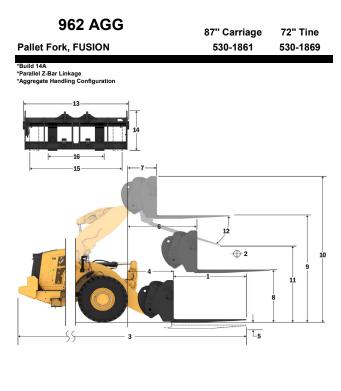
<u>@</u> Hinge (

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

	in opecinications		
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 23709
		ka	9243
	Static Tipping Load - Articulated (Forks Level)	lbs	20372
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4621
	Nated Load (SAE 31197 - 30 % F131L)	lbs	10186
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5546
	, ,	lbs	12223
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	7394 16297
_		mm	9600
3	Maximum Overall Length	in	378.0
4	Reach with Forks at Ground Level	mm	1376
-	Reacti with Forks at Glound Level	in	54.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-161
	Ordana to Bottom or timo at timilimani troight and total zoror	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
		in	72.8
7	Reach with Fork at Maximum Height	mm in	971 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
9	Ground to Top of Time at Maximum Height and Fork Level	in	154.3
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4695
		in	184.9
11	Clearance at Full Lift and Max Dump	mm in	2337 92.0
12	Max Discharge Angle from Horizontal	deg	46
12	Overall Carriage Width	mm	2217
		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
	Tine Width (single tine)	mm	150.0
	Title Width (Single title)	in	5.9
	Tine Thickness	mm	65.0
	1002 1002001222	in	2.6
	Tine Capacity	kg	5246
	· · ·	lbs	11562 20416
	Operating Weight	kg lbs	44996
	, , ,	IDS	44996



Pin Height (mm)

<u>@</u>

Capacity (kg) (Calculated Load at CG Point)



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

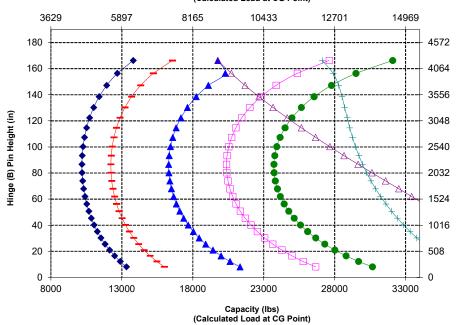
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricater, and Operative Lubricants, and Operator.

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

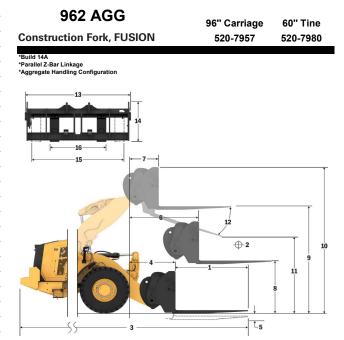




^{*}Negative values indicate below grade

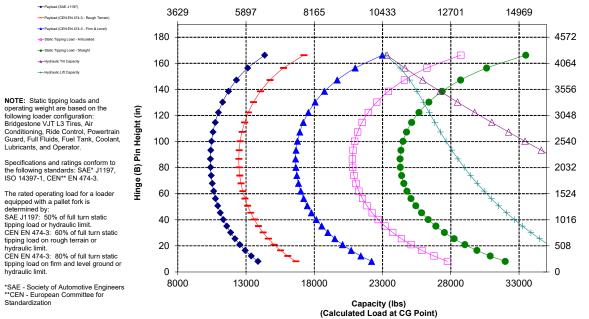
Fork Specifications

Time Length		ik Opecinications		
2 Load Center	1	Tine Length		
Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (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 Stat				
Static Tipping Load - Straight (Forks Level) kg 1013 lbs 2427 lbs 20777 lbs 207777 lbs 20777 lbs 20777	2	Load Center		
Static Tipping Load - Statignt (Forks Level) Ibs 24273		Otatia Timpia a Land Otaniakt (Forder Land)		
Rated Load (SAE J1197 - 50% FTSTL) Rated Load (SAE J1197 - 50% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ra		Static Tipping Load - Straight (Forks Level)		24273
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)	kg	9427
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Otatic Tipping Load - Articulated (Forks Level)	lbs	
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 50% FTSTL) Ibs 12466				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 1652 (1858) 7542 (1858) 1652 (1858) 7542 (1858)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
18		<u> </u>		
3 Maximum Overall Length mm year 9251 in 384-zear 4 Reach with Forks at Ground Level nm 1333 in 52.5 5 "Ground to Bottom of Tine at Minimum Height and Fork Level mm 252 in 7.25 6 Reach with Arms Horizontal and Forks Level mm 82.5 7 Reach with Fork at Maximum Height mm 96.3 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 73.9 9 Ground to Top of Tine at Maximum Height and Fork Level in 188.5 10 Overall Height of Fork at Full Lift (top of carriage to ground) nm 4026 in 199.5 11 Clearance at Full Lift and Max Dump mm 2500 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Height mm 2524 15 Outside Tine Width (max spread) mm 278 16 Outside Tine Width (min spread) mm 576 17 in 24,2 Tine Capacity in 3,5 Operating Weight sq 2321		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		
Maximum Overall Length In 364.2				
4 Reach with Forks at Ground Level mm 1333 in 552.5 1333 in 552.5 5 "Ground to Bottom of Tine at Minimum Height and Fork Level mm - 81 in - 32.2 6 Reach with Arms Horizontal and Forks Level mm - 82.1 in - 72.5 7 Reach with Fork at Maximum Height mm - 96.3 in - 37.9 8 Ground to Top of Tine with Arms Horizontal and Fork Level in - 37.9 in - 73.8 in - 73.8 in - 74.8 in - 7	3	Maximum Overall Length		
1		D 1 7/5 1 10 1/1 1		
Reach with Arms Horizontal and Fork Level in 3.2 in 1842 in 72.5 7 Reach with Fork at Maximum Height in 3.2 7 Reach with Fork at Maximum Height in 3.7 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 72.5 10 70 70 70 70 70 70 70	4	Reach with Forks at Ground Level		
Reach with Arms Horizontal and Forks Level nm 3-32 nm 72.5 nm 73.8 ground to Top of Tine with Arms Horizontal and Fork Level nm 73.8 nm 73		*Cround to Bottom of Tipo at Minimum Height and Early Lavel	mm	-81
Reach with Fork at Maximum Height mm 72.5 mm 37.9 mm 37.9 mm 37.9 mm 4026 mm	- 5	Glound to Bottom of Time at Minimum Height and Fork Level	in	-3.2
7 Reach with Fork at Maximum Height nm 72.5 nm 73.9 nm 73.9 nm 73.9 nm 73.9 nm 73.9 nm 73.8	6	Reach with Arms Horizontal and Forks Level	mm	1842
Reacti will Fulk at Maximum Height in 37.9 mm 1874 mm 73.8 9 Ground to Top of Tine with Arms Horizontal and Fork Level mm 4026 mm 4026 mm 5066 mm 5066		Treadil Will / time Honzontal and Forte Edver	in	
Second to Top of Tine with Arms Horizontal and Fork Level	7	Reach with Fork at Maximum Height		
9 Ground to Top of Tine at Maximum Height and Fork Level in 73.8 mm 4026 in 158.5 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5066 in 198.5 11 Clearance at Full Lift and Max Dump mm 2500 in 98.4 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 17.5 15 Outside Tine Width (max spread) mm 25.7 16 Outside Tine Width (min spread) mm 22.7 Tine Width (single tine) mm 180.0 in 22.7 Tine Thickness mm 90.0 in 7.5 Tine Capacity kg 17800 los 39231 Operating Weight kg 20211 Operating Weight kg 20211 Operating Weight kg 20211 Coperating Weight coperating				
9 Ground to Top of Tine at Maximum Height and Fork Level mm 4026 in 1885 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 2508 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 1178 in 44.5 15 Outside Tine Width (max spread) mm 2178 in 82.6 16 Outside Tine Width (min spread) mm 576 in 22.7 Tine Width (single tine) mm 80.0 in 7.7 Tine Thickness mm 90.0 in 7.5 Tine Capacity mm 90.0 in 780.0 Operating Weight Mg 2021	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
18.5 10 10 10 10 10 10 10 1		<u> </u>		
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5066 in 1995 11 Clearance at Full Lift and Max Dump mm 2500 in 98.4 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1130 in 44.5 15 Outside Tine Width (max spread) mm 576 in 85.7 16 Outside Tine Width (min spread) mm 576 in 18.5 17 Tine Width (single tine) mm 180.0 in 9.0 18 Tine Thickness mm 90.0 in 90.0 19 Tine Capacity kg 2781 Operating Weight kg 2021 Operating Weight kg 2021 10 Operating Weight kg 2021 11 Operating Weight kg 2021 12 Operating Weight kg 2021 12 Operating Weight kg 2021 13 Operating Weight kg 2021 14 Operating Weight kg 2021 15 Operating Weight kg 2021 15 Operating Weight kg 2021 16 Operating Weight kg 2021 17 Operating Weight kg 2021 18 Operating Weight kg 2021 18 Operating Weight kg 2021 19 Operating Weight kg 2021 10 Operating Weight kg 2021 10 Operating Weight kg 2021 11 Operating Weight kg 2021 12 Operating Weight kg 2021 13 Operating Weight kg 2021 14 Operating Weight kg 2021 15 Operating Weight kg 2021 15 Operating Weight kg 2021 16 Operating Weight kg 2021 17 Operating Weight kg 2021 18 Operating Weight kg 2021	9	Ground to Top of Tine at Maximum Height and Fork Level		
11 Clearance at Full Lift and Max Dump mm 2508 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 2528 14 Overall Carriage Height mm 1130 15 Outside Tine Width (max spread) mm 2778 16 Outside Tine Width (min spread) mm 576 17 Tine Width (single tine) mm 810.0 18 Tine Thickness mm 90.0 19 Tine Capacity mm 90.231 19 Operating Weight mm 829.331 10 Operating Weight mm 829.331 11 Operating Weight mm 829.31 12 Operating Weight mm 823.31 13 Operating Weight mm 823.31 14 Operating Weight mm mm mm mm mm mm mm				
11 Clearance at Full Lift and Max Dump mm /in 98.4 in 98.4 12 Max Discharge Angle from Horizontal deg 52.4 in 99.4 13 Overall Carriage Width mm 2528 in 99.5 in 9	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 2528 14 Overall Carriage Height mm 1130 15 Outside Tine Width (max spread) mm 278 16 Outside Tine Width (min spread) mm 576 17 Tine Width (single tine) mm 180.0 18 Tine Thickness mm 90.0 19 Tine Capacity mm 2528 19 Operating Weight mm 278 10 Operating Weight mm 278 11 Tine Capacity mm 278 12 Tine Capacity mm 278 13 Tine Capacity mm 278 14 Operating Weight mm 2528 15 Operating Weight mm 2528 16 Operating Weight mm 2528 17 Operating Weight mm 2528 18 Operating Weight mm 2528 18 Operating Weight mm 2528 19 Operating Weight mm 2528 19 Operating Weight mm 2528 10 Operating Weight mm 2528 10 Operating Weight mm 2528 11 Operating Weight mm 2528 12 Operating Weight mm 2528 13 Operating Weight mm 2528 14 Operating Weight mm 2528 15 Operating Weight mm 2528 15 Operating Weight mm 2528 16 Operating Weight mm 2528 17 Operating Weight mm 2528 18 Operating Weig		0		
13 Overall Carriage Width nm 2528 ni 99.5 14 Overall Carriage Height nm 1130 ni 44.5 15 Outside Tine Width (max spread) nm 576 ni 25.7 16 Outside Tine Width (min spread) nm 576 ni 25.7 Tine Width (single tine) nm 180.0 ni 7.7 Tine Thickness nm 90.0 ni 9.5 Tine Capacity kg 17800 ni 9.3231 Operating Weight 8k 20211	11	Clearance at Full Lift and Max Dump		
13 Overall Carriage Width nm 2528 ni 99.5 14 Overall Carriage Height nm 1130 ni 44.5 15 Outside Tine Width (max spread) nm 576 ni 25.7 16 Outside Tine Width (min spread) nm 576 ni 25.7 Tine Width (single tine) nm 180.0 ni 7.7 Tine Thickness nm 90.0 ni 9.5 Tine Capacity kg 17800 ni 9.3231 Operating Weight 8k 20211	12	May Discharge Angle from Herizontal	dog	52
13 Overall Carriage Width in 99.5 14 Overall Carriage Height in 99.5 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 Tine Width (single tine) mm 180.0 Tine Thickness mm 90.0 Tine Capacity in 3.5 Operating Weight kg 20231 Operating Weight kg 20231	12	Max Discharge Angle Iron Honzonial	ueg	-
14 Overall Carriage Height mm 19.3 mm 19.3 mm 19.5 mm 19.5 mm 19.5 mm 19.5 mm 19.5 mm 19.5 mm 24.5 mm 57.6 mm 57.6 mm 57.6 mm 18.0 mm 18.0 mm 18.0 mm 18.0 mm 18.0 mm 19.0 mm 19.0	13	Overall Carriage Width		
14 Overall Carriage Fleight in 44.5		O Toran Carrago Trian		
15 Outside Tine Width (max spread) mm kin k5.7 kin k5.7 2178 kin k5.7 16 Outside Tine Width (min spread) mm din k2.7 kin	14	Overall Carriage Height		
16 Outside Tine Width (min spread) in Min S76 in 22.7 Tine Width (single tine) mm 80.0 in 7.2 Tine Thickness mm 90.0 in 7.3 Tine Capacity kq 17800 ibs 39231 Operating Weight kg 20231				
16 Outside Tine Width (min spread) mm brain spread in 276 in 227. 576 in 227. Tine Width (single tine) mm 180.0 in 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity lbs 39231 Operating Weight kg 20231	15	Outside Tine Width (max spread)		
Tine Width (single tine) In 22.7				
Tine Width (single tine) mm and 18.0 in 7.1 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity ka 1780 ibs 39231 Operating Weight kg 20231	16	Outside Tine Width (min spread)		
Tine Thickness		T: \M:-Ht- (-:I- 4:)		
Incorporation Incorporatio		Title Widit (Single title)	in	7.1
In 3.5 Tine Capacity Kg 17800 Us 39231 Operating Weight Kg 20744 Capacity C		Tine Thickness	mm	
Operating Weight lbs 39231		THE THORICO		
Operating Weight kg 20744		Tine Capacity		
ibs 45/19		Operating Weight		
		· • •	IDS	45/19



Payload (CEN EN 474-3 - Firm & Level

Capacity (kg) (Calculated Load at CG Point)



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

Lubricants, and Operator.

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



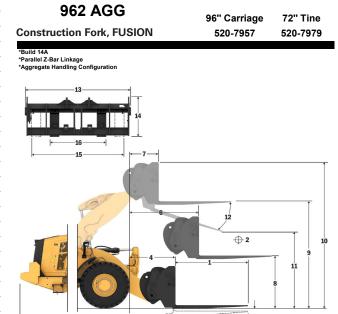
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

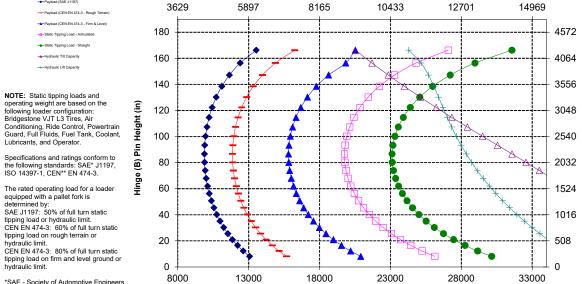
Interestingtiff Interest In	1		ik Opecinications		
2 Load Center	2 Load Center mm 91t 31t 36t 3	1	Tine Length		1829
Static Tipping Load - Straight (Forks Level)	Static Tipping Load - Straight (Forks Level) In 36.1	_	1 10 1		
Static Tipping Load - Straight (Fork's Level) Ibs 2310- Static Tipping Load - Articulated (Fork's Level) Ibs 1975- Rated Load (SAE J1197 - 50% FTSTL) Kg 4482- Bis 9878- Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Kg 5378- Bis 9878- Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Kg 7171- Ibs 1880- Samurian Overall Length Ibs 1955- A Reach with Forks at Ground Level Ibs 1833- In 525- Foround to Bottom of Tine at Minimum Height and Fork Level Imm 1842- In 72.5- Reach with Fork at Maximum Height Imm Imm	Static Tipping Load - Straight (Forks Level) Ibs 2316	2	Load Center		36.0
Static Tipping Load - Articulated (Forks Level) Ins Static Tipping Load - Articulated (Forks Level) Ins Static Tipping Load - Articulated (Forks Level) Ins Static Tipping Load (SAE J1197 - 50% FTSTL) Ins Static Stat	Static Tipping Load - Articulated (Forks Level) Ibs 937t		Static Tipping Load Straight (Forks Lovel)	kg	10483
Rated Load (SAE J1197 - 50% FTSTL) Bis 9478 Seg 4482 Seg 4482 Seg 5378 Seg 5378 Seg 5378 Seg 5478 Seg Seg 5478 Seg Seg 5478 Seg Seg 5478 Seg 5478 Seg 5478 Seg 5478 Seg 5478	Static Tipping Load - Articulated (Forks Level) Ibs 1975 Rated Load (SAE J1197 - 50% FTSTL) Ibs 987 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ikg 537 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 717 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 717 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 717 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Ikg 718 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Ikg 718 Rated Load (CEN EN 474-4 Firm and Level Ground - 80% FTSTL Ikg 718 Rated Load (CEN EN 474-4 Firm and Level Gr		Static Tipping Load - Straight (Forks Level)	lbs	23104
Rated Load (SAE J1197 - 50% FTSTL)	Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		8964
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Bis 9878 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 813	Rated Load (SAE 31197 - 30% F1S1L) Ibs 987 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 1186 118				
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL) Bis 1185- Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Red T171- Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Red T185- Red T185- Red T185- Red Reach with Forks at Ground Level mm 1333	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 1186 15		,		
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 7171 lbs 1580	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
State Cload (Len En 4743 Firm and Level Ground - 80% F151L) Bis 1580 mm 9556 m	158 158				
3 Maximum Overall Length mm 9556 in 3 786 in 3 7876 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 18 mm 6 Reach with Arms Horizontal and Forks Level mm 18 mm 7 Reach with Fork at Maximum Height mm 9 mm 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 73.8 mm 9 Ground to Top of Tine at Maximum Height and Fork Level in 158.8 mm 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 199.5 mm 11 Clearance at Full Lift and Max Dump mm 205.1 mm 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Height mm 100 mm 14 Overall Carriage Height mm 100 mm 15 Outside Tine Width (min spread) mm 217 mm 16 Outside Tine Width (min spread) mm 180 mm 17 Tine Capacity mm<	3 Maximum Overall Length mmm 955 in 376 955 in 376 4 Reach with Forks at Ground Level mm 133 in 52.1 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm - 81 in - 3.1 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 184 in - 72.1 7 Reach with Arms Horizontal and Forks Level mm 96 in 37.1 7 Reach with Fork at Maximum Height mm 96 in 37.1 7 Reach with Fork at Maximum Height and Fork Level mm 187 in 73.1 7 Reach with Fork at Maximum Height and Fork Level mm 187 in 73.1 158 in 188.1 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 506 in 199.1 199 in 89.1 11 Clearance at Full Lift and Max Dump mm 506 in 89.1 225 in 89.1 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 250 in 29.2 14 Overall Carriage Height mm 113 in 89.1 15 Outside Tine Width (max spread) mm 57 in 89.1 16 Outside Tine Width (min spread) mm 57 in 7.1 16 Outside Tine Width (min spread) mm 150 in 29.2 17 Tine Width (single tine) mm 150 in 7.1		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		15805
Reach with Forks at Ground Level mm 13/6. mm 52.5 Formulate to Bottom of Tine at Minimum Height and Fork Level mm 13/6. mm 13/6. Formulate to Bottom of Tine at Minimum Height and Fork Level mm 18/1 mm	Reach with Forks at Ground Level mm 133 in 52.	_	Manianana Oranali I an adh		9556
Reach with Forks at Ground Level in 52.5	5 *Ground to Bottom of Tine at Minimum Height and Fork Level in 52.1 6 Reach with Arms Horizontal and Forks Level mm 184 in 72.1 7 Reach with Fork at Maximum Height mm 96.1 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 187 in 73.1 9 Ground to Top of Tine at Maximum Height and Fork Level mm 402 in 158.1 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 506 in 199.1 11 Clearance at Full Lift and Max Dump mm 225 in 88.1 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 257 in 88.1 14 Overall Carriage Height mm 137 in 44.3 15 Outside Tine Width (max spread) mm 217 in 85.1 16 Outside Tine Width (min spread) mm 577 in 75.2 Tine Width (single tine) mm 180 in 7.1 Tine Capacity mm 180 in 7.1 Operating Weight mm 3.5 Concreting Weight mm 180 in 7.1 Operating Weight sach 4 1488 Operating Weight sach 208	3	Maximum Overali Length	in	376.2
1	5 Ground to Bottom of Tine at Minimum Height and Fork Level mm -84 in -3.1 in -3.2 i	4	Booch with Forks at Ground Lovel	mm	1333
1 3.2 3.2 3.3	18	-	Reach with Forks at Ground Level	in	52.5
1	Reach with Arms Horizontal and Forks Level mm 184 mm 186 mm 186 mm 187 mm 187	5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	
6 Reach with Fork at Maximum Height in 72.5 7 Reach with Fork at Maximum Height mm 963 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1874 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4026 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5066 11 Clearance at Full Lift and Max Dump mm 2259 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 2528 14 Overall Carriage Height in 44.5 15 Outside Tine Width (max spread) mm 17.6 16 Outside Tine Width (min spread) mm 57.6 Tine Width (single tine) mm 180.0 Tine Capacity kq 1480 Operation Weight kq 20.0	Reach with Fork at Maximum Height mm 96.		Ground to Bottom of Time at Minimum Fleight and Folk Eever		
7 Reach with Fork at Maximum Height in 72.5 in 37.9	7 Reach with Fork at Maximum Height	6	Reach with Arms Horizontal and Forks Level		
Reactif Will Flork at Maximum Height in 37.9 mm 1874 in 73.8 g Ground to Top of Tine with Arms Horizontal and Fork Level in 73.8 g Ground to Top of Tine at Maximum Height and Fork Level in 1874 10 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5066 in 1995 11 Clearance at Full Lift and Max Dump mm 2255 in 88.9 12 Max Discharge Angle from Horizontal deg 5.9 13 Overall Carriage Width in 99.5 in 99.5 14 Overall Carriage Height in 44.5 in 44.5 15 Outside Tine Width (max spread) in 85.7 16 Outside Tine Width (min spread) mm 180.0 in 18.5 7 Tine Width (single tine) mm 180.0 in 18.5 7 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 14800 lbs 32611 Operating Weight 14.8 1	37.		Trought Many and Trong Street and Tonio 20101		
8 Ground to Top of Tine with Arms Horizontal and Fork Level in 37.9 mm 187.9 mm	8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 187 158 158 159 1	7	Reach with Fork at Maximum Height		
9 Ground to Top of Tine at Maximum Height and Fork Level in max 4028 (in 1836) 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5066 (in 1993) 11 Clearance at Full Lift and Max Dump mm 2259 (in 88.9) 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 2528 (in 99.5) 14 Overall Carriage Height in 44.5 (in 49.5) 15 Outside Tine Width (max spread) mm 27.6 (in 85.7) 16 Outside Tine Width (min spread) mm 27.6 (in 27.6) Tine Width (single tine) mm 180.0 (in 7.7) Tine Thickness mm 90.0 (in 3.5) Tine Capacity kq 14800 (bs 3261) Operation Weight kq 14800 (bs 3261)	9 Ground to Top of Tine with Amin's Horizontal and Poix Level in 73. 9 Ground to Top of Tine at Maximum Height and Fork Level in 158. 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 506 in 199. 11 Clearance at Full Lift and Max Dump mm 225 in 88. 12 Max Discharge Angle from Horizontal deg 52 in 99. 13 Overall Carriage Width mm 255 in 99. 14 Overall Carriage Height mm 113 in 44. 15 Outside Tine Width (max spread) mm 27 in 85. 16 Outside Tine Width (min spread) mm 576 in 22. Tine Width (single tine) mm 180 in 7.1 Tine Thickness mm 90. Tine Capacity kd 1486 is 3281 Operating Weight kd 2086		<u> </u>		
9 Ground to Top of Tine at Maximum Height and Fork Level mm 4026 in 1583 (in 1583) 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5066 in 1993 (in 1993) 11 Clearance at Full Lift and Max Dump mm 2506 (in 383) 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 257 14 Overall Carriage Height mm 2178 (in 44.5) 15 Outside Tine Width (max spread) mm 2178 (in 356) (in 257) 16 Outside Tine Width (min spread) mm 576 (in 227) Tine Width (single tine) mm 180.0 (in 7.1) Tine Thickness mm 90.0 (in 7.1) Tine Capacity kg 14800 (bs 3261) Operating Weight kg 2081	9 Ground to Top of Tine at Maximum Height and Fork Level mm in 188 402 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 506 506 11 Clearance at Full Lift and Max Dump mm 225 38. 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 257 61 14 Overall Carriage Height mm 113 11 15 Outside Tine Width (max spread) mm 277 17 16 Outside Tine Width (min spread) mm 577 17 17 Tine Width (single tine) mm 180 18 Tine Thickness mm 90 90 Tine Capacity ka 1488 Operating Weight ka 2086	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
158.8	158		·		
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5066 in 199.9 11 Clearance at Full Lift and Max Dump mm 2259 in 88.9 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height in 44.5 mm 1178 15 Outside Tine Width (max spread) mm 576 in 85.7 16 Outside Tine Width (min spread) mm 576 in 27.7 Tine Width (single tine) mm 180.0 in 7.7 Tine Thickness mm 90.0 in 90.0 Tine Capacity kg 14800 lbs 32611 Operating Weight kg 20080 carriage to ground c	10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 506 in 1999 mm 225 2	9	Ground to Top of Tine at Maximum Height and Fork Level		
199.6	19				
11 Clearance at Full Lift and Max Dump mm bin 88.9 (sin 88.9) 2258 (sin 98.5) 12 Max Discharge Angle from Horizontal deg 52 52 13 Overall Carriage Width mm 2528 (sin 99.5) 14 Overall Carriage Height mm 18.0 in 85.7 15 Outside Tine Width (max spread) mm 576 (mm 576) mm 760 (mm 180.0) 16 Outside Tine Width (single tine) mm 180.0 (mm 780.0) mm 90.0 (mm 90.0) Tine Thickness mm 90.0 (mm 90.0) mm 90.0 (mm 90.0) mm 90.0 (mm 90.0) Tine Capacity kg 14800 (bs 3261) Mg 14800 (bs 3261) Operation Weight kg 2081	11 Clearance at Full Lift and Max Dump mm 225 m. 88.1 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 252 m. 99.1 14 Overall Carriage Height mm 113 m. 44.1 15 Outside Tine Width (max spread) mm 217 m. 85.1 16 Outside Tine Width (min spread) mm 576 m. 22.1 Tine Width (single tine) mm 180 m. 7.1 Tine Thickness mm 90.1 m. 3.5 Tine Capacity ka 1486 m. 2080 m. 3.26 m. 3.26 m. 3.26 m. 3.26 Operating Weight ka 2080 m. 88.1 m. 3.26 m.	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
11 Clearance at Full Lift and wax Dump in 88.9 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width in 99.5 14 Overall Carriage Height mm 1130 in 445. 15 Outside Tine Width (max spread) mm 2178 in 8576 in 8576 16 Outside Tine Width (min spread) mm 576 in 277 17 Tine Width (single tine) mm 180.0 in 77.1 17 Tine Thickness mm 90.0 in 7.5 18 Tine Capacity kg 13.5 19 Operating Weight kg 2081 kg 2081 kg 2081 10 Operating Weight kg 2081 kg 2081 kg 2081 kg 2081 kg 2081 10 Operating Weight kg 2081 kg 2081	11 Clearance at Full Lift and Max Dump in 88.1 12 Max Discharge Angle from Horizontal deg 52 13 Overall Carriage Width mm 257 14 Overall Carriage Height mm 113 15 Outside Tine Width (max spread) mm 217 16 Outside Tine Width (min spread) mm 576 17 Tine Width (single tine) mm 180 17 Tine Thickness mm 90.1 18 Tine Capacity ka 1486 19 Operating Weight ka 2086 10 Operating Weight ka 2086 10 September Septemb		0		2259
13 Overall Carriage Width mm 2528 14 Overall Carriage Height mm 13.5 15 Outside Tine Width (max spread) mm 27.6 16 Outside Tine Width (min spread) mm 57.6 17 Tine Width (single tine) mm 180.0 18 Tine Thickness mm 90.0 19 Tine Capacity kg 14800 19 Operating Weight kg 2021 10 Operating Weight kg 2021 11 Operating Weight kg 2021 12 Operating Weight kg 2021 13 Operating Weight kg 2021 14 Operating Weight kg 2021 15 Operating Weight kg 2021 16 Operating Weight kg 2021 17 Operating Weight kg 2021 18 Operating Weight kg 2021 18 Operating Weight kg 2021 19 Operating Weight kg 2021 10 Operating Weight kg 2021 11 Operating Weight kg 2021 12 Operating Weight kg 2021 13 Operating Weight kg 2021 14 Operating Weight kg 2021 15 Operating Weight kg 2021 16 Operating Weight kg 2021 17 Operating Weight kg 2021 18 Operating Weigh	13 Overall Carriage Width mm 252 in 99. 14 Overall Carriage Height mm 113 in 44. 15 Outside Tine Width (max spread) mm 271 in 85. 16 Outside Tine Width (min spread) mm 576 in 22. Tine Width (single tine) mm 180 in 7.1 Tine Thickness mm 90. in 3.5 Tine Capacity ka 1486 ibs 3261 Operating Weight ka 2086 Capacity	11	Clearance at Full Lift and Max Dump		88.9
13 Overall Carriage Width mm 2528 14 Overall Carriage Height mm 13.5 15 Outside Tine Width (max spread) mm 27.6 16 Outside Tine Width (min spread) mm 57.6 17 Tine Width (single tine) mm 180.0 18 Tine Thickness mm 90.0 19 Tine Capacity kg 14800 19 Operating Weight kg 2021 10 Operating Weight kg 2021 11 Operating Weight kg 2021 12 Operating Weight kg 2021 13 Operating Weight kg 2021 14 Operating Weight kg 2021 15 Operating Weight kg 2021 16 Operating Weight kg 2021 17 Operating Weight kg 2021 18 Operating Weight kg 2021 18 Operating Weight kg 2021 19 Operating Weight kg 2021 10 Operating Weight kg 2021 11 Operating Weight kg 2021 12 Operating Weight kg 2021 13 Operating Weight kg 2021 14 Operating Weight kg 2021 15 Operating Weight kg 2021 16 Operating Weight kg 2021 17 Operating Weight kg 2021 18 Operating Weigh	13 Overall Carriage Width mm 252 in 99. 14 Overall Carriage Height mm 113 in 44. 15 Outside Tine Width (max spread) mm 271 in 85. 16 Outside Tine Width (min spread) mm 576 in 22. Tine Width (single tine) mm 180 in 7.1 Tine Thickness mm 90. in 3.5 Tine Capacity ka 1486 ibs 3261 Operating Weight ka 2086 Capacity	42	May Discharge Angle from Harizantal	400	E2
14 Overall Carriage Width in 99.5 mm 1130 1150 1150 Outside Tine Width (max spread) mm 2178 in 85.7 160 Outside Tine Width (min spread) mm 576 in 25.7 Tine Width (single tine) mm 180.0 in 17.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 14800 lbs 32611 Operating Weight kg 2001 kg 2001 kg 2001 capacity capacit	14 Overall Carriage Width 99. 14 Overall Carriage Height mm 113 in 44. 15 Outside Tine Width (max spread) mm 576 in 85. 16 Outside Tine Width (min spread) mm 576 in 22. Tine Width (single tine) mm 180 in 7.1 Tine Thickness mm 90. in 3.5 Tine Capacity ka 148kg 188kg	12	Max Discharge Angle Ironi Horizoniai	deg	
14 Overall Carriage Height mm 139.3 mm 131.3 mm 141.5 mm 131.5 mm 131.5 mm 131.5 mm 131.5 mm 131.6 mm 131.6 mm 131.6 mm 131.6 mm 131.6 mm 130.6 mm 130.6	14 Overall Carriage Height mm 113 in 44. 15 Outside Tine Width (max spread) mm 576 in 85. 16 Outside Tine Width (min spread) mm 576 in 22. Tine Width (single tine) mm 180 in 7.1 Tine Thickness mm 90. Tine Capacity kg 1480 in 3.5 Operating Weight kg 2080 control kg 2080 control kg 2080 control kg 2080 control cont	13	Overall Carriage Width		2528
14 Overain Carnage Reight in 44.5	44 15 Outside Tine Width (max spread) mm 217 in 85 16 Outside Tine Width (min spread) mm 576 in 22 Tine Width (single tine) mm 180 in 7.1 Tine Thickness mm 90 in 3.5 Tine Capacity ka 1486 Operating Weight ka 2086 k		Overall Garriage vitati		
15 Outside Tine Width (max spread) mm 44.5 mm 21.5 mm 55.7 mm 50.0 mm	15 Outside Tine Width (max spread) mm 217 16 Outside Tine Width (min spread) mm 57 16 Outside Tine Width (min spread) mm 180 17 17 17 17 17 17 17 1	14	Overall Carriage Height		
16 Outside Tine Width (min spread) m 85.7 mm 576 min 22.7 min 21.7 min 180.0	16 Outside line Width (min spread) in 85.				
16 Outside Tine Width (min spread) mm 576 in 22.7 576 in 22.7 Tine Width (single tine) mm 180.0 in 7.1 180.0 in 7.1 Tine Thickness mm 90.0 in 3.5 3.6 Tine Capacity kg 148.0 in 3.5 3.61 Operating Weight kg 20.0 in 3.61 3.61	16 Outside Tine Width (min spread) mm 576 22 22 22 22 22 22 22 22 22 22 22 22 22	15	Outside Tine Width (max spread)		
Tine Width (single tine)	Tine Width (single tine)				
Tine Width (single tine) mm is 18.0 mm of 17.1 mm 19.0 mm 90.0 mm 90.0 mm 95.0 mm 95.0 mm 95.0 mm 95.0 mm 95.0 mm 96.0 mm	Tine Width (single tine) mm isomorphism 180 in 7.1 Tine Thickness in 3.5 Tine Capacity ka 148 isomorphism Operating Weight ka 208	16	Outside Tine Width (min spread)		
Tine Width (single line) in 7.1 Tine Thickness mm 90.0 Tine Capacity kg 1480 Operating Weight kg 2080	Tine Width (single tine) in 7.1 Tine Thickness in 3.5 Tine Capacity ka 148(bs Operating Weight ka 208(bs				
Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 14800 lbs 3261 Operating Weight kg 2081	Tine Thickness mm 90.1 Tine Capacity ka 148k Ibs 326 326 Operating Weight ka 208k		line wiath (single tine)		
Tine Capacity in sign of the state of the s	Time Triboxiless in 3.5 Tine Capacity ka 148t Operating Weight ka 208t		Tine Thickness		90.0
Tine Capacity kg 1480 bs 3261 Operating Weight kg 2008	Tine Capacity kg 148(Operating Weight kg 208(Title Titlickness		
Operating Weight kg 2080:	Operating Weight kg 2080		Tine Canacity		14800
			тне Сараску	lbs	32619
	lbs 4585		Operating Weight	kg	20805
lbs 4585			operating resignit	lbs	45853



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

Capacity (lbs) (Calculated Load at CG Point)



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

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

tipping load on firm and level ground or hydraulic limit.

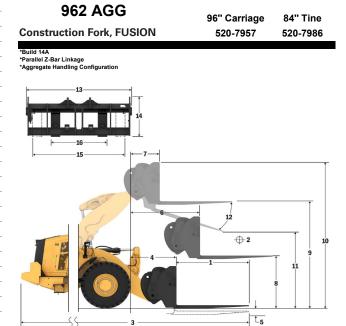
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization



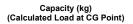
^{*}Negative values indicate below grade

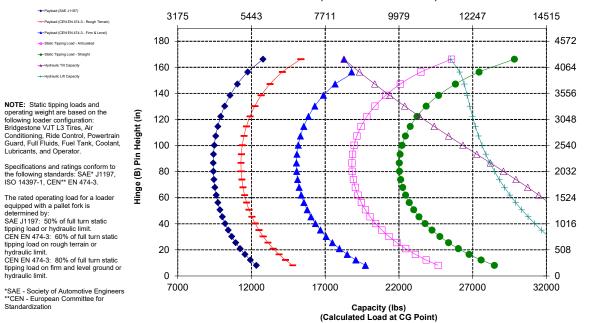
Fork Specifications

1	Tine Length	mm in	2134 84.0
_	1404	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9989
	State ripping 2000 Straight (1 Sine 2010)	lbs	22016
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8532 18804
		kg	4266
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9402
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5119
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	11282
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6825
	,	lbs	15043
3	Maximum Overall Length	mm in	9861 388.2
		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
	Glound to Bottom of Time at William Height and Fork Level	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1842
_	Trought Mary armo Fronzontal and Forto 2010	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	Cround to Tan of Tine at Mavimum Unight and Fark Lavel	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
	Overall Freight of Fernal Fall Line (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	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
45	O. 4-14- Ti Width (mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Outside Title Width (Hill Spread)	in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	T. 71.1	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kq	12700
	тиго Оприону	lbs	27991
	Operating Weight	kq	20868
	-1 0 0	lbs	45992



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





Lubricants, and Operator.

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

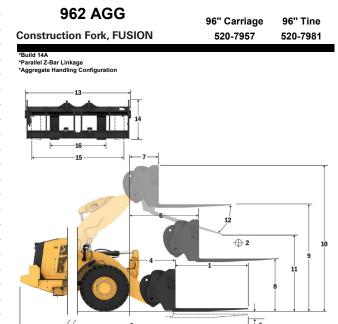
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

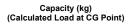
	nk opecinications		
1	Tine Length	mm in	2438 96.0
_	1 10 1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9531
	Static ripping Load - Straight (Forks Level)	lbs	21007
	Static Tipping Load - Articulated (Forks Level)	kg	8131
	Otatic Tipping Load - Articulated (1 Orks Level)	lbs	17921
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4065
	Trained Educa (0/12 0/10)	lbs	8960
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4879
	·····	lbs	10752
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6505
	(lbs	14336
3	Maximum Overall Length	mm	10165
		in	400.2
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
	<u> </u>	in	-3.2 1842
6	Reach with Arms Horizontal and Forks Level	mm in	
_		mm	72.5 963
7	Reach with Fork at Maximum Height	in	37.9
		mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
_	0 11 7 77 111 1 15 11 1	mm	4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
40	O	mm	5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
	Olasson as at Evillatia and Mary Doman	mm	1779
11	Clearance at Full Lift and Max Dump	in	70.0
40	Max Discharge Angle from Horizontal	deg	52
12	Max Discharge Angle Irom Horizoniai	deg	52
12	Overall Carriage Width	mm	2528
-13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
	Overall Garriage Fleight	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	Catalac Tino Triati (max oproda)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	·	in	22.7
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka	11300
	<u> </u>	lbs	24905
	Operating Weight	kg	20930 46129
		lbs	40129

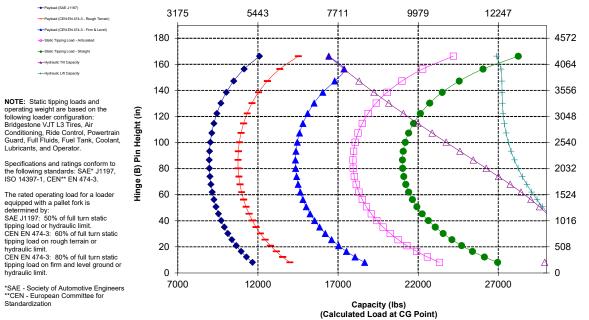


Hinge (B) Pin Height (mm)

*Negative values indicate below grade

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





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

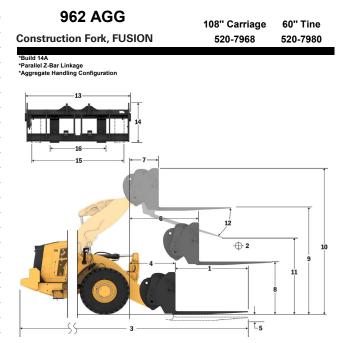
Lubricants, and Operator.

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

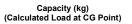


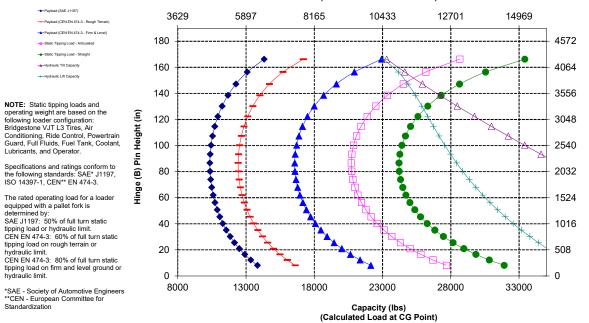
Fork Specifications

	opeomeanem		
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10978
	Otatic Tipping Load - Otraignt (Forks Level)	lbs	24195
	Static Tipping Load - Articulated (Forks Level)	kg	9392
	, ,	lbs kg	20699 4696
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10350
	D + 11	kg	5635
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12420
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7513
	Trated Load (OEIV EIV 474-31 IIIII and Level Gloding - 00 /01 1012)	lbs	16559
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 7/1 1 1 1 1 1 1 1 1 1 1 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 neight	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	deg	52
12	Max Discharge Angle Iron Honzonial	uey	
13	Overall Carriage Width	mm	2833
	O Toran Carrage Trian	in	111.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
	O L I L MORE / I D	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Title Wider (Single title)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka	17800
	<u> </u>	lbs ka	39231 20793
	Operating Weight	lbs	45827
		ins	75021



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





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

Lubricants, and Operator.

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





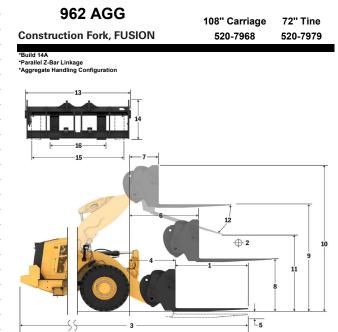
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

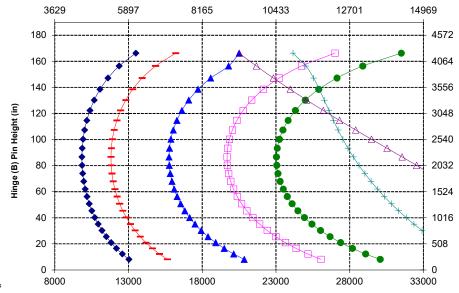
10	rk Specifications		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10448
		lbs kg	23027 8929
	Static Tipping Load - Articulated (Forks Level)	lbs	19679
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4464
	Raied Load (SAE 31197 - 50% F151L)	lbs	9840
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5357
		lbs	11808
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	7143 15744
_	Manifestore Occasillation with	mm	9556
3	Maximum Overall Length	in	376.2
4	Reach with Forks at Ground Level	mm	1333
	Trough Mari onto at Ground 2010	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
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 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 Max Durip	in	88.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
	Overall Carriage Wilder	in	111.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
-10	Outside Title Width (Hilli Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm in	90.0 3.5
_	T. 0. 3	kg	14800
	Tine Capacity	lbs	32619
	Operating Weight	kg	20855
	Operating resignit	lbs	45963



Hinge (B) Pin Height (mm)

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

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)

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

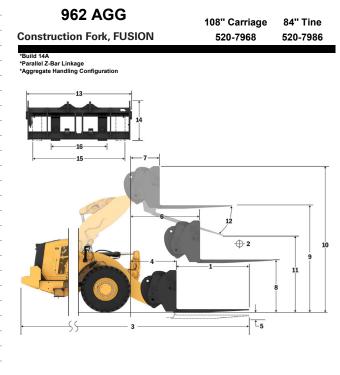
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization



^{*}Negative values indicate below grade

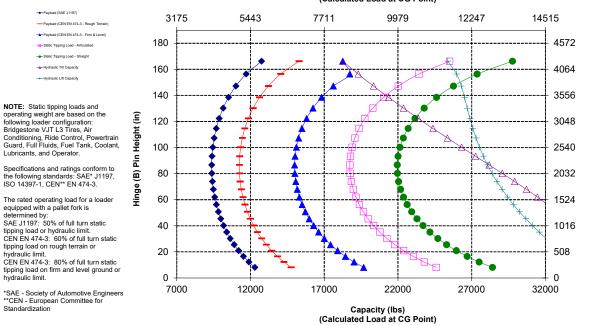
Fork Specifications

_			
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Certer	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9956
	State ripping 2000 Statight (1 Shio 2010)	lbs	21944
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8499 18732
		ka	4250
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9366
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5100
	Trated Load (OEIV EIV 474-3 Rough Tehalin - 00 /01 101E)	lbs	11239
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6799
	,	lbs	14986 9861
3	Maximum Overall Length	mm in	388.2
		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
	Glound to Bottom of Time at William Height and Fork 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	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
9	Ground to Top or Tine at Maximum Height and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in	199.5
11	Clearance at Full Lift and Max Dump	mm in	2019 79.5
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
	Overall Carriage vitati	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 Tine Width (Milh spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
_		in ka	3.5 12700
	Tine Capacity	lbs	27991
_	O	ka	20917
	Operating Weight	lbs	46100



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.

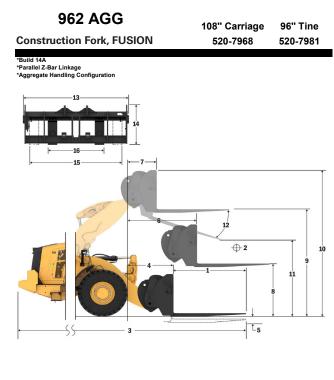
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

гο	rk 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	9499
	Otatio Tipping 2000 Ottaignt (1 onto 2010)	lbs	20936
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8099 17849
	D + 11	ka	4049
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8925
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4859
	Traica Edua (OEIT EIT TIT O'ROUGH TOHAIN OOM TOTE)	lbs	10710
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6479 14280
_	<u> </u>	mm	10165
3	Maximum Overall Length	in	400.2
4	Reach with Forks at Ground Level	mm	1333
	Reacti with Forks at Glound 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
_	December of the Control of Management United	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
	Ordana to Top of Time Many anno Florizonial and Tom Zover	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
11	Clearance at Full Lift and Max Dump	mm	1779
_''	Clearance at Full Lift and Max Dump	in	70.0
12	Max Discharge Angle from Horizontal	deg	52
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 23.2
		in mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKHESS	in	3.5
	Tine Capacity	ka	11300
		lbs	24905
	Operating Weight	ka Ibs	20980 46239
_		IDS	40239



Hinge (B) Pin Height (mm)

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

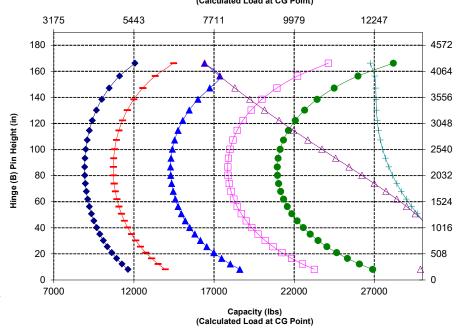




Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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

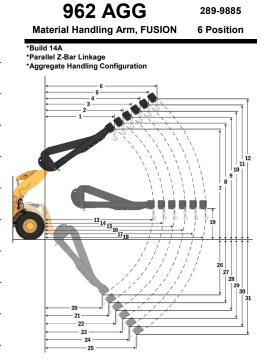


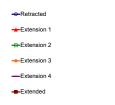


^{*}Negative values indicate below grade

Material Handling Arm Specifications

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
M 17 11 15 11B 1 (400 450)	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"
Manual #4 - Unanta Francis Union by 77 0 0 40 44 40)	mm	6,963	7,226	7,490	7,754	8,017	8,281
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 6"	25' 5"	26' 3"	27' 2"
Level Healt Frieds Beeck (42, 44, 45, 46, 47, 40)	mm	4,708	5,013	5,317	5,622	5,927	6,232
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	ft, in	15' 5"	16' 5"	17' 5"	18' 5"	19' 5"	20' 5"
Level Healt Frield 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. 176 11 15 11 15 11 15 11 16 11 1	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"
AF 177 11 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	(2,614)	(2,862)	(3,109)	(3,357)	(3,605)	(3,852)
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 5"	-9' 7"	-10' 9"	-11' 11"	-11' 2"	-12' 4"
Chatic Timeins Lond Charinha	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
Chatia Timeira I and Adiandahad	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
Occasion 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





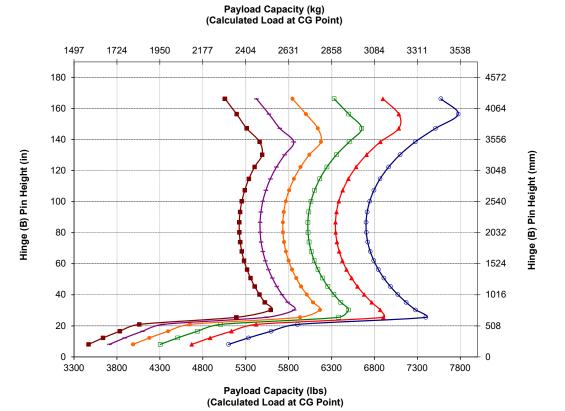
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, FuelTank, Coolant, Lubricants, and Operator.

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	✓	
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	√	
Cat Advanced Payload		✓
Cat Payload for Trade***		✓
Cat Payload Printer with E-ticket ¹		✓
Dispatch for Loading ¹		√
Key Features Inform	✓	
Bucket Carry Display Widget	✓	
Remote Services	✓	

	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 or 4V)		✓
Entertainment radio		✓
CB radio ready		✓
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		✓
Touchscreen display	✓	
Keypad, programmable buttons	✓	
Mirrors, heated		✓
Air conditioner, heater, defroster (auto temp, fan)	✓	
Sun visor, front and rear retractable	✓	
Window, front, laminated		✓
Windows, front, heavy duty		✓
Full cab window guard		✓

(continued on next page)

¹Subscription required

^{*} Not all configurations available in all regions, subject to availability.

** Standard or optional depending on region. Consult your dealer.

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

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 rd and 4 th auxiliary functions with ride control		✓
Oil sampling valves, Cat XT TM 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		✓
Fenders, extensions or roading		✓
Guards: powertrain, crankcase, window glass, cylinders, rear		✓
Biodegradable hydraulic oil		✓
High-speed oil change system		✓
Rear cab access		✓
Single Life Cutting Edge GET		✓
Toolbox		✓

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

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

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

¹Subscription required

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) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
 - √ 20% biodiesel FAME (fatty acid methyl ester)***
 - √ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- 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.

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

Air Conditioning System

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

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

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
- Barium < 0.01%
- $\, Cadmium \leq 0.01\%$
- 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 excellent 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	60.43%
Iron	19.54%
Nonferrous Metal	1.77%
Mixed Metal	0.57%
Mixed Metal and Nonmetal	0.55%
Plastic	1.15%
Rubber	6.34%
Mixed Nonmetallic	0.01%
Fluid	5.00%
Other	3.34%
Uncategorized	1.30%
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 - 92%



962

Waste and 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.
- Optional Surround Vision provides 360° visibility around the machine, enhancing an operator's situational awareness.
- Collision Mitigation System utilizes an integrated and intelligent sensor array to provide reverse collision warnings, detect people, inhibit motion, and enable automatic emergency braking.
- Cat Command remote control lets operators work safely from a distance.

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

Reduced Maintenance Time and Costs

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

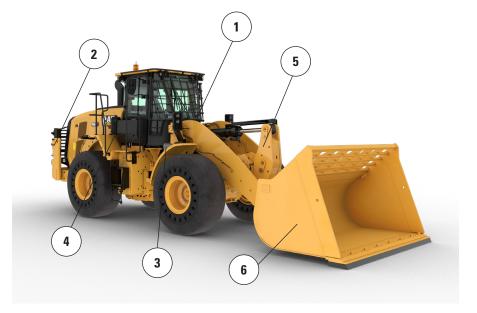
Work in Comfort in the All New Cab

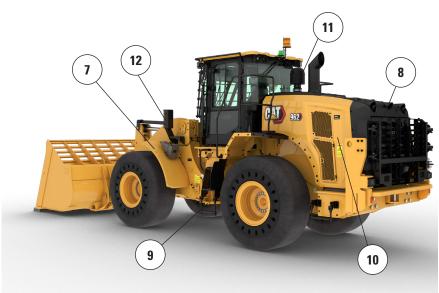
- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness (kit).
- 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.

962 Waste and Scrap Handler Specifications

962 Waste and Scrap Handler Features

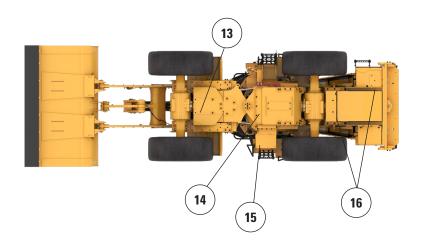
- Optional window guarding to provide impact resistance to the glass
- 2. Added steel guards include crankcase, powertrain, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
- 3. Carbon cab air filter removes harsh odors
- Optional powered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





- 7. Narrow front steel fenders help to keep the windshield clean and are set inboard of the outer edge of the tire for added protection
- 8. Optional rear guard protects the rear grill and cooling package from impact
- 9. Heavy-duty steel cable lower steps stand up to the harshest conditions
- Optional variable pitch fan and high debris cooling cores help to keep the cooling package clean
- Optional turbine engine air precleaner with a trash screen option 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		0 mm	-71 mm	-54 mm	-61 mm
(average of front and rear)		0"	-2.8"	-2.1"	-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"

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

Tire Brand	MAXAM	GOODYEAR
Tire Size	750/65R25	23.5R25
Tread Type	L-3	L-3
Tread Pattern	MS302	GP-3E
Casing Strength	**	**
Width over Tires – Maximum (empty)*	2971 mm	2140 mm
	9'9"	7'1"
Width over Tires – Maximum (loaded)*	3031 mm	2140 mm
	10'0"	7'1"
Change in Vertical Dimensions	-83 mm	-173 mm
(average of front and rear)	-3.3"	-6.8"
Change in Horizontal Reach	17 mm	13 mm
	0.7"	0.5"
Change in Clearance Circle to Outside of Tires	891 mm	0 mm
	35.1"	0"
Change in Clearance Circle to Inside of Tires	-891 mm	0 mm
	-35.1"	0"
Change in Operating Weight (without ballast)	-2455 kg	-3272 kg
	-5,414 lb	-7,215 lb
Change in Static Tipping Load – Straight	-1559 kg	-2078 kg
	-3,438 lb	-4,581 lb
Change in Static Tipping Load – Articulated	-1363 kg	-1816 kg
	-3,005 lb	-4,004 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees
Maximum Single-Wheel Rise and Fall	298 mm	298 mm
	1'0"	1'0"

^{*}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 ³	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 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"
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 † 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				Standa	d Linkage		
Bucket Type				General Pu	pose – Pin-On		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.60
	yd^3	4.75	4.75	4.50	5.00	5.00	4.75
Capacity - Rated at 110% Fill Factor	m^3	4.00	4.00	3.70	4.20	4.20	4.00
	yd^3	5.25	5.25	4.75	5.50	5.50	5.25
Width	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
6† Dump Clearance at Maximum Lift	mm	3063	2943	2943	3028	2908	2908
and 45° Discharge	ft/in	10'0"	9'7"	9'7"	9'11"	9'6"	9'6"
17† 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"
12† 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				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 ³	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 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	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"
12† 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage							
Bucket Type			Gei	neral Purpose	– Hook-On – Fusio	on			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips		
Capacity – Rated	m ³	3.60	3.60	3.40	3.80	3.80	3.60		
	yd^3	4.75	4.75	4.50	5.00	5.00	4.75		
Capacity – Rated at 110% Fill Factor	m ³	4.00	4.00	3.70	4.20	4.20	4.00		
	yd^3	5.25	5.25	4.75	5.50	5.50	5.25		
Width	mm	2927	2994	2994	2927	2994	2994		
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"		
6† Dump Clearance at Maximum Lift	mm	3023	2903	2903	2988	2868	2868		
and 45° Discharge	ft/in	9'11"	9'6"	9'6"	9'9"	9'4"	9'4"		
7† 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"		
2† Overall Length	mm	8613	8787	8787	8659	8833	8833		
	ft/in	28'4"	28'10"	28'10"	28'5"	29'0"	29'0"		
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)	1b	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		

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage	
Bucket Type		High Dump — Hook-On — Fusion	
Edge Type		Bolt-On Cutting Edges	
Capacity – Rated	m ³	6.10	
	yd^3	8.00	
Capacity – Rated at 110% Fill Factor	m^3	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 † 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)	1b	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	
	1b	54,512	

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage		Standard Linkage							
Bucket Type		Waste, 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^3	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 ³	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 † 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		

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				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 ³	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 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"
6† 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"
7† 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"
2† Overall Length	mm	8783	8955	8955	8856	9028	9028
	ft/in	28'10"	29'5"	29'5"	29'1"	29'8"	29'8"
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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				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 ³	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	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† 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				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 ³	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 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	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 [†] 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				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 ³	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	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 [†] 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)	lb	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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage		High Lift Linkage	
Bucket Type		High Dump — Hook-On — Fusion	
Edge Type		Bolt-On Cutting Edges	
Capacity – Rated	m ³	6.10	
	yd^3	8.00	
Capacity – Rated at 110% Fill Factor	m ³	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 † 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)	lb	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	

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				High Lift l	.inkage		
Bucket Type		Waste, Top Cla	mp – Pin-On	Waste, Load, Pin-		Waste, Dozing – Pin-O	
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
	yd^3	5.75	5.75	8.00	8.00	7.00	7.00
Capacity – Rated at 110% Fill Factor	m ³	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	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 † 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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



962Forestry 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

- Rear Vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional Surround Vision provides 360° visibility around the machine, enhancing an operator's situational awareness.
- Collision Mitigation System utilizes an integrated and intelligent sensor array to provide reverse collision warnings, detect people, inhibit motion, and enable automatic emergency braking.

- Cat Command remote control lets operators work safely from a distance.
- Cab access with wide door, optional remote door opening, and stair-like steps adds solid stability.
- Floor-to-ceiling windshield and large mirrors with integrated spot mirrors provide industry leading all-around visibility.

Reduced Maintenance Time and Costs

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

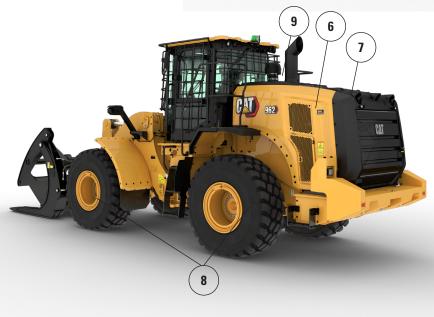
Work in Comfort in the All New Cab

- 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.

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 3rd and 4th function hydraulics provide auxiliary hydraulic control for work tools like millyard or logging forks
- 5. Wide range of millyard work tools





- Optional variable pitch fan 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"

 $[\]ensuremath{^{*}W}\xspace$ includes tire growth.

Tire Brand	MAXAM	GOODYEAR
Tire Size	750/65R25	23.5R25
Tread Type	L-3 L-3	
Tread Pattern	MS302	GP-3E
Casing Strength	**	**
Width over Tires – Maximum (empty)*	2921 mm	2140 mm
	9'7"	7'1"
Width over Tires – Maximum (loaded)*	2948 mm	2140 mm
	9'9"	7'1"
Change in Vertical Dimensions	20 mm	25 mm
(average of front and rear)	0.8"	1.0"
Change in Horizontal Reach	2 mm	-3 mm
	0.1"	-0.1"
Change in Clearance Circle to Outside of Tires	123 mm	-685 mm
	4.8"	-27"
Change in Clearance Circle to Inside of Tires	-123 mm	685 mm
	-4.8"	27"
Change in Operating Weight (without ballast)	752 kg	-64 kg
	1,658 lb	-141 lb
Change in Static Tipping Load – Straight	478 kg	-41 kg
	1,053 lb	-90 lb
Change in Static Tipping Load – Articulated	417 kg	-36 kg
	920 lb	-78 lb
Rear Axle Oscillation Angle	±8 degrees	±13 degrees
Maximum Single-Wheel Rise and Fall	298 mm	481 mm
	1'0"	1'7"

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^3	6.10	7.60	9.20
	yd^3	8.00	10.00	12.00
Capacity - Rated at 110% Fill Factor	m^3	6.70	8.40	10.10
	yd^3	8.75	11.00	13.25
Width	mm	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"
16† Dump Clearance at Maximum Lift	mm	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 † 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage			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 † 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

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage			Forestry Linkage				
Bucket Type		High Dump — Hook-On — Fusion — VCE Small					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m ³	6.10	7.60	9.20			
	yd^3	8.00	10.00	12.00			
Capacity – Rated at 110% Fill Factor	m ³	6.70	8.40	10.10			
	yd^3	8.75	11.00	13.25			
Width	mm	3037	3350	3350			
	ft/in	9'11"	10'11"	10'11"			
16† Dump Clearance at Maximum Lift	mm	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"			
12† Overall Length	mm	9396	9496	9696			
	ft/in	30'10"	31'2"	31'10"			
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			

^{*} 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.

[†] Illustration shown with Dimension charts.

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

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

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

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

Linkage				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
	yd^3	8.00	12.00	13.00	12.00	13.00
Capacity – Rated at 110% Fill Factor	m ³	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"
16 † 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
. 65 5 1	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 † 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
(0)	lbf	22,235	29,083	27,471	27,171	27,022
Operating Weight*	kg	23 548	21 447	21 539	22 082	22 043
1 6 6	lb	51,914	47,282	47,485	48,682	48,596

^{*} 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.

[†] Illustration shown with Dimension charts.

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

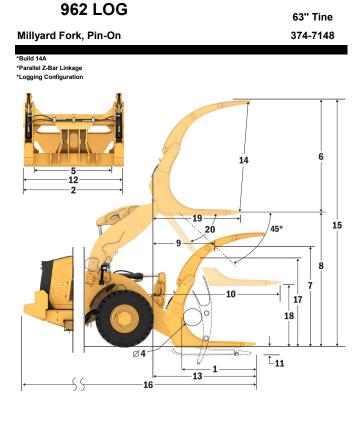
⁽With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

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

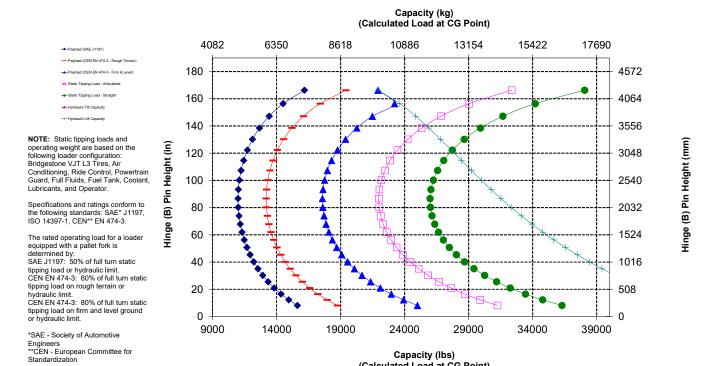
Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

Fork Specifications

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	0
	Min. opening	mm	427
4	(only applies to millyard forks)	in	17
		kg	21601
	Operating Weight	lbs	47621
_		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
_	Max. height of fork	mm	2843
6	(w/clamp open if applicable)	in	111.9
_	Clearance w/full lift, 45 deg dump	mm	2817
7	(if max. dump <> 45)	in	110.9
	Classes @ full life family larged	mm	3949
8	Clearance @ full lift fork 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 while arm nonzonial and folk lovel	in	122.8
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-68
		in	-2.7
12	Width over tines	mm	2286
		in	90.0
13	Reach @ ground level	mm	2538
		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
40	Clearance w/horizontal lift arms and	mm	1797.2
18	fork level	in	70.8
40	Describ @ £.il life and £.il. lovel	mm	2239.5
19	Reach @ full lift and fork level	in	88.2
20	May disabarga anala from barizantal	deg	46
20	Max. discharge angle from horizontal	rad	0.8



*Negative values indicate below grade

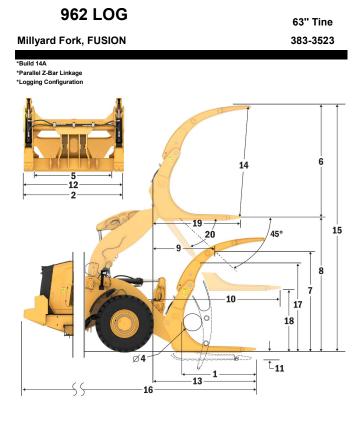


(Calculated Load at CG Point)

Fork Specifications

Fork Specifications

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 mone of the upo	in	70
	Static tipping load, articulated	kg	8947
	Fork level	lbs	19724.
	Static tipping load, straight	kg	10685
	Fork level	lbs	23557.
6	Max. height of fork	mm	2843
٠	(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
۰	Clearance @ full filt fork level	in	156.0
9	Reach w/full lift, 45 deg dump	mm	1650
9	(if max. dump <> 45)	in	65.0
40	Reach w/lift arm horizontal and fork level	mm	3255
10	Reach while ann nonzonial and lork level	in	128.2
44	*Cround to Bottom of Tool at Minimum Height and Tool Lovel	mm	-54
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-2.1
40	\A(!- 44	mm	2286
12	Width over tines	in	90.0
	B - 1 0 II I	mm	2665
1.3	Reach @ ground level		



20 Max, discharge angle from horizontal

13 Reach @ ground level

clamp open

17

Overall length

Discharge (if <> 45)

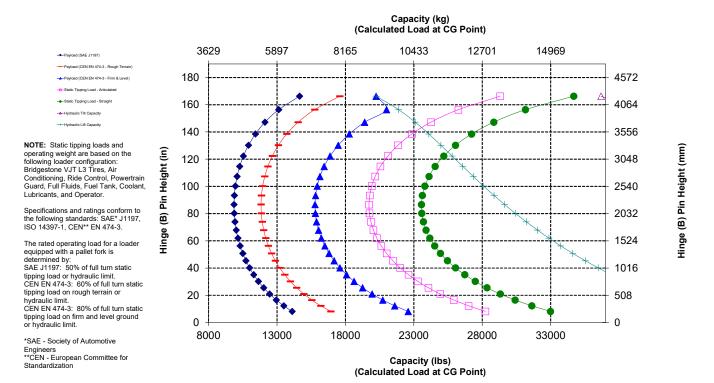
19 Reach @ full lift and fork level

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

Clearance w/horizontal lift arms and



105

106.7

267.9

9059 mm

356.7

1810.9

2376.6

93.6

in mm 2709

in

in

mm 2456

in

mm

in

deg 63

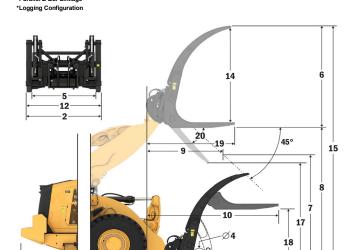
rad

^{*}Negative values indicate below grade

Fork Specifications

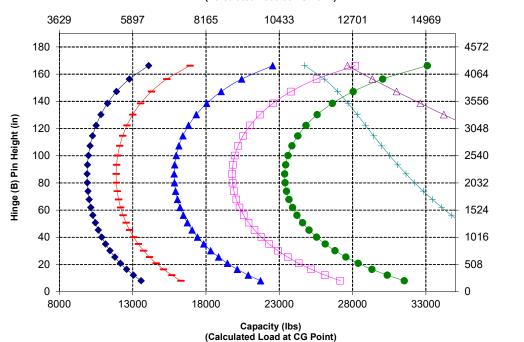
	K Opcomodiono		
1	Tine length	mm in	1677 66.0
			2236
2	Fork width	mm in	88.0
		m2	1.39
	End area	ft2	1.59
	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
	Min. opening	mm	330
4	(only applies to millyard forks)	in	13
		kg	21541
	Operating Weight	lbs	47489
		mm	1904
5	Distance inside of tine tips	in	75
	Static tipping load, articulated	kg	8974
	Fork level	lbs	19783.
	Static tipping load, straight	kg	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
_	Reach w/lift arm horizontal and fork level	mm	3492
ıu	Reach willt arm norizontal and tork level	in	137.5
	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-94
	Glound to Bottom of Tool at Millimum Height and Tool Level	in	-3.7
12	Width over tines	mm	2184
_	Width over tines	in	86.0
2	Reach @ ground level	mm	2930
3	rteach @ ground level	in	115
1	Max. opening across tine and clamp	mm	2914
_	wax. opening across tine and damp	in	114.7
15	Overall height of fork @ full lift and	mm	7071
	clamp open	in	278.4
16	Overall length	mm	9324
. •	Tip of tine to rear of machine	in	367.1
17	Clearance @ full lift and max. dump	mm	2357
	Discharge (if <> 45)	in	92.8
18	Clearance w/horizontal lift arms and	mm	1770.9
_	fork level	in	69.7
19	Reach @ full lift and fork level	mm	2612.
_		in	102.9
20	Max. discharge angle from horizontal	deg	54
-	Jg	rad	0.9





*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



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

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

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

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

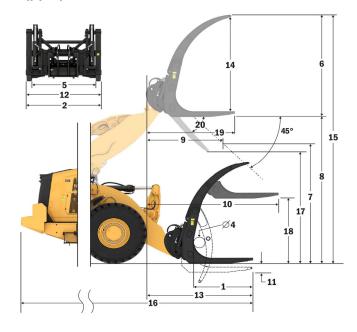
Fork Specifications

Fork Specification	s
--------------------	---

	··· openious		
1	Tine length	mm in	1677 66.0
_	- · · · · ·	mm	2236
2	Fork width	in	88.0
	<u> </u>	m2	1.39
	End area	ft2	15
3	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
4	Min. opening	mm	330
4	(only applies to millyard forks)	in	13
	Operating Weight	kg	20980
	Operating Weight	lbs	46252
5	Distance inside of time time	mm	1904
J	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
6	Max. height of fork	mm	3144
٠	(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
_		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
		in	133.6
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-170
	<u> </u>	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	in	275.2
16	Overall length 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	99.8
18	fork level	mm	1695.0
		in mm	66.7
19	Reach @ full lift and fork level	in	2515.4 99.0
			46
20	Max. discharge angle from horizontal	deg rad	46 0.8
	*Nogative values indicate helevy grade	rad	0.0

962 LOG 66" Tine Millyard Pole Fork, Pin-On 445-2466

*Parallel Z-Bar Linkage *Logging Configuration



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

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

Lubricants, and Operator.

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

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

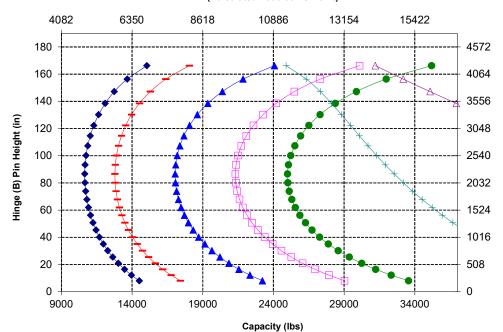
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or beverable limit.

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

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

or hydraulic limit.

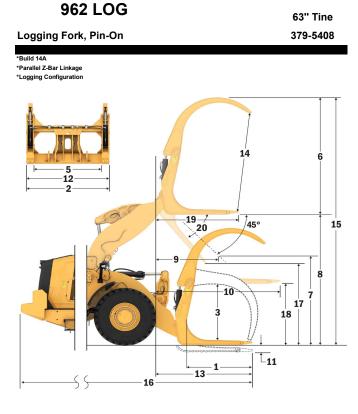
Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)

Fork Specifications

	ik opecilications		
1	Tine length	mm in	1609 63.3
2	F. L. 210	mm	2332
2	Fork width	in	91.8
	End area	m2	1.9
	Liiu aica	ft2	20
3	Inside Height	mm	1381
3	(only applies to double top clamp)	in	54
4	Min. opening	mm	N/A
_	(only applies to millyard forks)	in	N/A
	Operating Weight	kg	21413
	Operating Weight	lbs	47206
5	Distance inside of tine tips	mm	1776
	Distance made of the tips	in	70
	Static tipping load, articulated	kg	9652
	Fork level	lbs	21279.2
	Static tipping load, straight	kg	11373
	Fork level	lbs	25073.4
6	Max. height of fork	mm	2944
٠	(w/clamp open if applicable)	in	115.9
7	Clearance w/full lift, 45 deg dump	mm	2816
<u>'</u>	(if max. dump <> 45)	in	110.9
8	Clearance @ full lift fork level	mm	3950
٥	Clearance @ full filt lork level	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
	Trought with ann nonzonial and fork level	in	122.8
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-67
	Ground to Bottom or Tool at William Holght and Tool Ecver	in	-2.6
12	Width over tines	mm	2298
	Widel over the s	in	90.5
13	Reach @ ground level	mm	2540
	Troubil @ ground level	in	100
14	Max. opening across tine and clamp	mm	2542
		in	100.1
15	Overall height of fork @ full lift and	mm	6893
	clamp open	in	271.4
16	Overall length	mm	8934
	Tip of tine to rear of machine	in	351.7
17	Clearance @ full lift and max. dump	mm	2803
	Discharge (if <> 45)	in	110.4
18	Clearance w/horizontal lift arms and	mm	1797.7
	fork level	in	70.8
19	Reach @ full lift and fork level	mm	2241.2
		in	88.2
20	Max. discharge angle from horizontal	deg	46
	Jg	rad	0.8



---- Hydraulic Lift Capacity

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

Lubricants, and Operator,

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

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

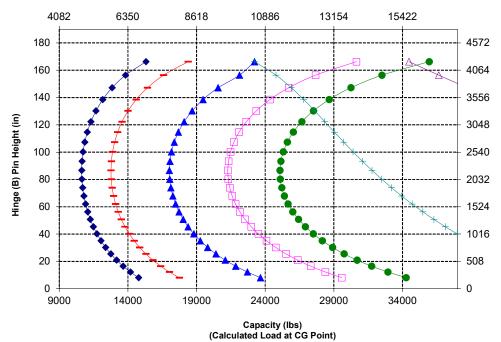
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or beverable limit.

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

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

or hydraulic limit.

Capacity (kg) (Calculated Load at CG Point)



97

Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

12 Width over tines

clamp open

Overall length

13 Reach @ ground level

14 Max. opening across tine and clamp

Overall height of fork @ full lift and

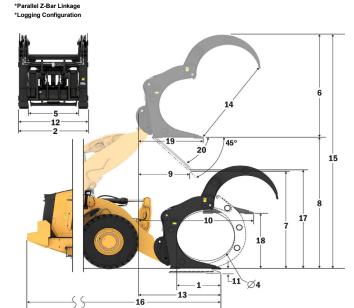
Tip of tine to rear of machine
Clearance @ full lift and max. dump
Discharge (if <> 45)

Clearance w/horizontal lift arms and

19 Reach @ full lift and fork level

1	Tine length	mm	917
	<u>_</u>	in	36.1
2	Fork width	mm	1855
		in	73.0
	End area	m2	2.5
		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
	Distance mode of the 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
o	(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	Clearance @ full lift fork level	mm	3862
	Clearance @ Iuli III. lork 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 while ann nonzonial and lork level	in	97.4





Hinge (B) Pin Height (mm)

20 Max, discharge angle from horizontal

11 *Ground to Bottom of Tool at Minimum Height and Tool Level



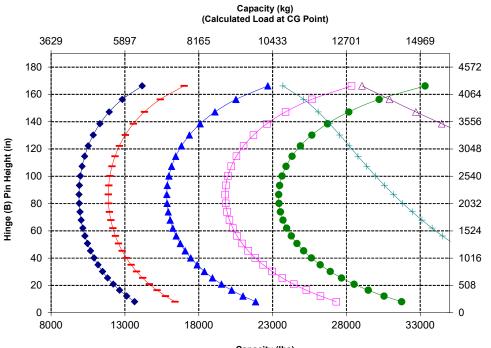


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator,

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 beteruite interpretation. 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



-155

-6.1 1850

72.8 1954

123.0

287 2

8348 mm

328.7

62.8

1.0

in

mm

mm in mm 3123

in

in

mm 3131 123.3

in

mm 1710.3

in 67.3 1595.2

deg 57

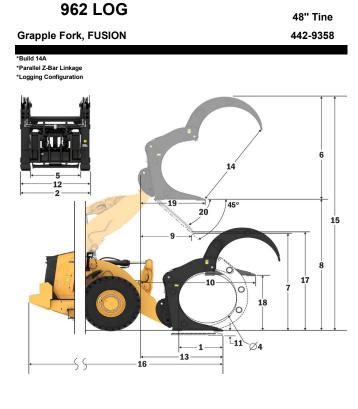
rad

Capacity (lbs) (Calculated Load at CG Point)

^{*}Negative values indicate below grade

Fork Specifications

	ik opecilications		
1	Tine length	mm in	1220 48.0
_		mm	1855
2	Fork width	in	73.0
	F-1	m2	2.63
	End area	ft2	28
_	Inside Height	mm	0
3	(only applies to double top clamp)	in	Ō
4	Min. opening	mm	1448
4	(only applies to millyard forks)	in	57
	O	kg	21812
	Operating Weight	lbs	48086
-	Distance incide of the time	mm	1314
5	Distance inside 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
ь	(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
0	Clearance @ full filt fork level	in	154.9
9	Reach w/full lift, 45 deg dump	mm	1312
9	(if max. dump <> 45)	in	51.6
10	Reach w/lift arm horizontal and fork level	mm	2804
	Treach white annihorizontal and lork level	in	110.4
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-82
•••	Ground to Bottom or 1001 at William Height and 1001 Level	in	-3.2
12	Width over tines	mm	1850
	Width over thico	in	72.8
13	Reach @ ground level	mm	2234
	Trouble & Ground 10701	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	in	339.7
17	Clearance @ full lift and max. dump	mm	2896
••	Discharge (if <> 45)	in	114.0
18	Clearance w/horizontal lift arms and	mm	1783.0
	fork level	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)

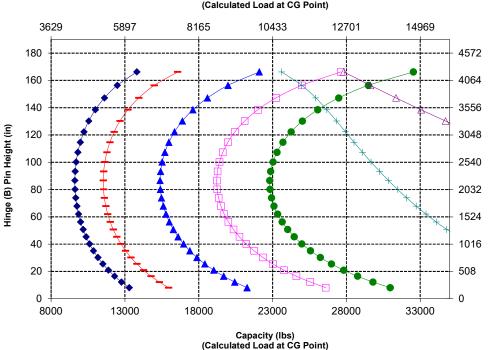


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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



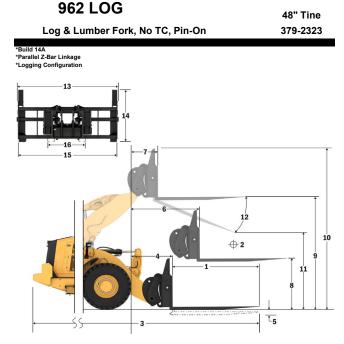
Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

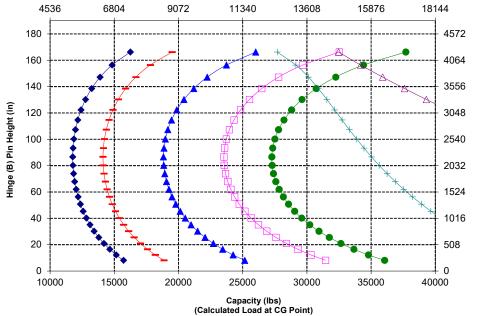
1 Inte Length	го	rk Specifications		
2 Load Center mm 610 in 240 in 240 static Tipping Load - Straight (Forks Level) kg 1236 lbs 2726 Static Tipping Load - Articulated (Forks Level) kg 1236 lbs 2726 Static Tipping Load - Articulated (Forks Level) kg 1056 lbs 2352 Rated Load (SAE J1197 - 50% FTSTL) kg 5050 lbs 1176 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 6535 lbs 1411 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6450 lbs 1822 3 Maximum Overall Length mm 8555 lbs 1822 4 Reach with Forks at Ground Level mm 1244 lbs 16 lbs 17 lbs	1	Tine Length		1219 48 0
Static Tipping Load - Straight (Forks Level)	2	Load Center	mm	610
Static Tipping Load - Straight (Forks Level) Ibs 2726 Static Tipping Load - Articulated (Forks Level) Ibs 2352 Rated Load (SAE J1197 - 50% FTSTL) kg 5335 Ibs 1176 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 6400 Ibs 4411 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 8544 Ibs 1882 3 Maximum Overall Length mm 8855 Ins 1444 Reach with Forks at Ground Level mm 1244 Ins 1489 4 Reach with Forks at Ground Level mm 1245 Ins 1885 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 1765 Ins 1885 6 Reach with Arms Horizontal and Forks Level mm 1765 Ins 1885 7 Reach with Fork at Maximum Height mm 1846 Ins 1849 8 Ground to Top of Tine with Arms Horizontal and Fork Level ins 172.7 9 Ground to Top of Tine at Maximum Height and Fork Level ins 157. 10 Overall Height of Fork at Full Lift (top of carriage to ground) ins 157. 11 Clearance at Full Lift and Max Dump mm 2476 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Height mm 1600 ins 97.3 14 Overall Carriage Height mm 1600 ins 97.3 15 Outside Tine Width (max spread) mm 2366 ins 93.5 ins				
Static Tipping Load - Articulated (Forks Level) Static Static Tipping Load - Articulated (Forks Level) Static Static Static Tipping Load - Articulated (Forks Level) Static Stat		Static Tipping Load - Straight (Forks Level)		12368 27260
Rated Load (SAE J1197 - 50% FTSTL)		Static Timping Load Articulated (Forks Level)	kg	10675
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Static ripping Load - Articulated (Forks Lever)	lbs	23529
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE 11107 - 50% ETSTL)	kg	5338
Rated Load (CEN EN 474-3 Rough Terrain - 50% FTSTL) Ibs 1411		Traica Edad (GAE 91197 - 90%) 1 TOTE)		11764
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
1882		(
3 Maximum Overall Length mm 8855 in 3484. 4 Reach with Forks at Ground Level mm 1244 in 48.9 5 "Ground to Bottom of Tine at Minimum Height and Fork Level in 69.5 mm - 3.3 6 Reach with Arms Horizontal and Forks Level in 69.5 mm 1846 in 34.9 7 Reach with Fork at Maximum Height in 34.9 mm 1846 in 34.9 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 72.7 mm 1846 in 72.7 9 Ground to Top of Tine at Maximum Height and Fork Level in 75.3 mm 3997 in 157.1 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 157.1 mm 553.3 11 Clearance at Full Lift and Max Dump in 13.1 deg 46 13 Overall Carriage Midth in 13.1 deg 46 14 Overall Carriage Width in 63.0 15 Outside Tine Width (max spread) in 63.0 16 Outside Tine Width (min spread) in 79.3 17 Tine Width (single tine) in 79.0 18 Outside Tine Width (min spread) in 79.0 19 Tine Capacity lbs 2314 Operating Weight Kg 2007		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		
Maximum Overall Length In 348.4				
4 Reach with Forks at Ground Level mm 1244 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm -84 6 Reach with Arms Horizontal and Forks Level mm 1765 7 Reach with Fork at Maximum Height mm 89.5 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 34.9 9 Ground to Top of Tine at Maximum Height and Fork Level in 157.7 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 217.1 11 Clearance at Full Lift and Max Dump mm 286 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 247 14 Overall Carriage Height mm 160 15 Outside Tine Width (max spread) mm 236 16 Outside Tine Width (min spread) mm 100 17 Ine Capacity ln 7.1 18 Vegetable tine) mm 180 19	3	Maximum Overall Length		
4 Reach with Forks at Ground Level in 48.9 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm -84 6 Reach with Arms Horizontal and Forks Level mm 1765 7 Reach with Fork at Maximum Height mm 88 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1846 9 Ground to Top of Tine at Maximum Height and Fork Level mm 3997 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5533 11 Clearance at Full Lift and Max Dump in 217.4 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width in 97.3 14 Overall Carriage Height mm 236 15 Outside Tine Width (max spread) mm 236 16 Outside Tine Width (min spread) mm 100 Tine Width (single tine) mm 180 Tine Capacity lo 36 Operating Weight kg 2007				1242
5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm .84 6 Reach with Arms Horizontal and Forks Level mm 1768 7 Reach with Fork at Maximum Height mm 886 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 184 9 Ground to Top of Tine at Maximum Height and Fork Level in 72.7 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 157. 11 Clearance at Full Lift and Max Dump in 113. 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 247. 14 Overall Carriage Height mm 160. 15 Outside Tine Width (max spread) mm 236. 16 Outside Tine Width (min spread) mm 236. Tine Width (single tine) mm 180. Tine Capacity ln 7.1 Operating Weight kg 200.	4	Reach with Forks at Ground Level		48.9
Reach with Arms Horizontal and Forks Level In -3.3 mm 176		*Oncord to Dettern of Time at Minimum Height and Foot Level		
6 Reach with Arms Forzonial and Forks Level in 69.5 7 Reach with Fork at Maximum Height mm 88.6 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 184.6 9 Ground to Top of Tine at Maximum Height and Fork Level mm 399.7 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 553.3 11 Clearance at Full Lift and Max Dump mm 288.6 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 247.6 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) mm 160.1 16 Outside Tine Width (min spread) mm 100.1 Tine Width (single tine) mm 180.1 Tine Capacity ln 2.6 Tine Capacity lbs 230.7 Operating Weight kg 2007.7	5	"Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.3
Reach with Fork at Maximum Height In 89.58 In 34.98 34.98 34.98 34.99	-	Peach with Arms Herizental and Forks Level	mm	1765
8 Ground to Top of Tine with Arms Horizontal and Fork Level in mm (1844) and 1844 (1872) 9 Ground to Top of Tine at Maximum Height and Fork Level mm 399 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 553 11 Clearance at Full Lift and Max Dump mm 2888 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) mm 63.0 16 Outside Tine Width (min spread) mm 1000 17 min 2000 mm 180.0 18 outside Tine Width (single tine) mm 65.0 11 Tine Capacity kg 1050 18 Operating Weight kg 2007	-	Reach with Afrits Horizontal and Porks Level	in	69.5
8 Ground to Top of Tine with Arms Horizontal and Fork Level in 72.7 mm 184.9 mm 185.9 mm	7	Reach with Fork at Maximum Height		
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 3997 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5533 in 2171 11 Clearance at Full Lift and Max Dump mm 2886 in 113. 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height mm 63.0 15 Outside Tine Width (max spread) mm 100.0 16 Outside Tine Width (min spread) mm 100.0 Tine Width (single tine) mm 85.0 Tine Thickness mm 65.0 Tine Capacity kg 1050 lbs 2314 Operating Weight kg 2040		Trodon war i one at maximum rioigne		
9 Ground to Top of Tine at Maximum Height and Fork Level mm 392.1 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 217.1 11 Clearance at Full Lift and Max Dump in 113.1 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 247.1 14 Overall Carriage Height mm 160.1 15 Outside Tine Width (max spread) mm 236.1 16 Outside Tine Width (min spread) mm 100.2 17 Tine Width (single tine) mm 180.1 18 Tine Width (single tine) mm 180.1 19 Tine Capacity deg 200.2 10 Operating Weight deg 200.2 11 Operating Weight deg 200.2 12 Operating Weight deg 200.2 15 Operating Weight deg 200.2 16 Operating Weight deg 200.2 17 Operating Weight deg 200.2 18 Operating Weight deg 200.2 18 Operating Weight deg 200.2 19 Operating Weight deg 200.2 10 Operating Weight deg 200.2 10 Operating Weight deg 200.2 11 Operating Weight deg 200.2 12 Operating Weight deg 200.2 13 Operating Weight deg 200.2 14 Operating Weight deg 200.2 15 Operating Weight deg 200.2 15 Operating Weight deg 200.2 16 Operating Weight deg 200.2 17 Operating Weight deg 200.2 18 Operating Weight deg 200.2 18 Operating Weight deg 200.2 19 Operating Weight deg 200.2 10 Operating Weight deg 200.2 10 Operating Weight deg 200.2 11 Operating Weight deg 200.2 12 Operating Weight deg 200.2 13 Operating Weight deg 200.2 14 Operating Weight deg 200.2 15 Operating Weight deg 200.2 15 Operating Weight deg 200.2 16 Operating Weight deg 200.2 17 Operating Weight deg 200.2	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 553. mm 553. mm 553. mm 217.4 mm 2188 mm				
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5533 11 Clearance at Full Lift and Max Dump mm 2886 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2477 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) mm 2366 16 Outside Tine Width (min spread) mm 100. Tine Width (single tine) mm 180. Tine Thickness mm 65.0 Tine Capacity lbs 234. Operating Weight kg 2007.	9	Ground to Top of Tine at Maximum Height and Fork Level		
11 Clearance at Full Lift and Max Dump mm 2886 mn 113. 12 Max Discharge Angle from Horizontal deg 46 deg	_	<u> </u>		
11 Clearance at Full Lift and Max Dump mm 288t in 113. 12 Max Discharge Angle from Horizontal deg 4 deg 4 deg 4 deg 4 deg 97. deg 4 deg 4 deg 97. 13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) mm 100.0 16 Outside Tine Width (min spread) mm 100.0 Tine Width (single tine) mm 180.0 Tine Thickness mm 65.0 Tine Capacity kg 1050 Operating Weight kg 2047	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
11 Clearance at Full Lift and weak Dump in 113. 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 247(in 97.3 14 Overall Carriage Height mm 1601 in 63.0 15 Outside Tine Width (max spread) mm 236(in 93.1 16 Outside Tine Width (min spread) mm 100. 17 Outside Tine Width (min spread) mm 180. 17 Tine Width (single tine) mm 180. 18 Tine Thickness mm 65.0 19 Tine Capacity kg 2007 10 Operating Weight kg 2007 11 Operating Weight kg 2007 12 Operating Weight kg 2007 13 Operating Weight kg 2007 14 Operating Weight kg 2007 15 Operating Weight kg 2007 15 Operating Weight kg 2007 16 Operating Weight kg 2007 17 Operating Weight kg 2007 18 Operating Weight kg 2007 18 Operating Weight kg 2007 19 Operating Weight kg 2007 10 Operating Weight kg 2007 11 Operating Weight kg 2007 12 Operating Weight kg 2007 13 Operating Weight kg 2007 14 Operating Weight kg 2007 15 Operating Weight kg 2007 16 Operating Weight kg 2007 17 Operating Weight kg 2007 18 Operatin				
13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height in 63.0 mm 63.0 mm 2366 mm	11	Clearance at Full Lift and Max Dump		113.7
13 Overall Carriage Width in 97.3 14 Overall Carriage Height mm 160 15 Outside Tine Width (max spread) mm 236 16 Outside Tine Width (min spread) mm 100 Tine Width (single tine) mm 180.0 Tine Thickness mm 65.0 Tine Capacity kg 105.0 Operating Weight kg 2007	12	Max Discharge Angle from Horizontal	deg	46
14 Overall Carriage Height mm 16.3 mm 16.3 mm 16.5 mm 18.0	13	Overall Carriage Width		2470
14 Overall carriage relight in 63.0 15 Outside Tine Width (max spread) mm 2366 16 Outside Tine Width (min spread) mm 100.4 17 Ine Width (single tine) mm 180.0 18 Ine Width (single tine) mm 65.0 19 Ine Thickness mm 65.0 10 Ine Capacity kg 1050 10 Operating Weight kg 2014		Ororan Garriago Friant		
15 Outside Tine Width (max spread) mm of the part of the	14	Overall Carriage Height		
16 Outside Tine Width (min spread) in 93.1				
16 Outside Tine Width (min spread) mm 100 in 39 kg Tine Width (single tine) mm 180 kg Tine Thickness mm 65 kg Tine Capacity kg Operating Weight kg 200 kg	15	Outside Tine Width (max spread)		
Tine Width (single tine) mm 180.1 min 187.1 mi				
Tine Width (single tine)	16	Outside Tine Width (min spread)		
Tine Widor (single line) in 7.1		T 147 HI / 1 1 2 1		180.0
Tine Thickness mm 65.0 in 2.6		rine vviatn (single tine)		
Ine Trinckriess		Tino Thickness		65.0
Tine Capacity Ibs 2314		THE THICKHESS	<u>in</u>	
Operating Weight kg 2007		Tine Canacity	kg	10500
		тие очрчоку	lbs	23142
lbs 4424		Operating Weight		20077
		mproming congress	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.

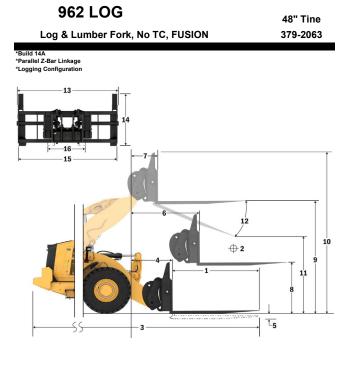
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

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



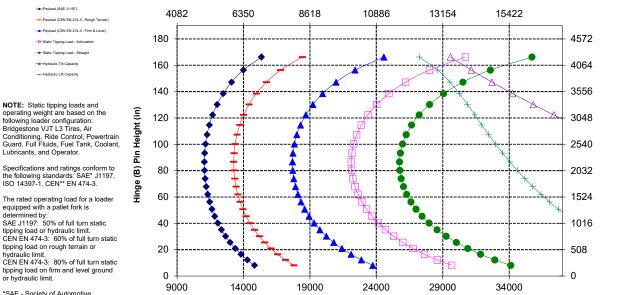
Fork Specifications

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	11676
		lbs kg	25734 10028
	Static Tipping Load - Articulated (Forks Level)	lbs	22101
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5014
	Raied Load (SAE J1197 - 50% F1S1L)	lbs	11051
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6017
	,	lbs	13261 8022
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	17681
	W : 0 III II	mm	8941
3	Maximum Overall Length	in	352.0
4	Reach with Forks at Ground Level	mm	1328
	Treach with Folks at Ground Level	in	52.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-83
	g	in	-3.3
6	Reach with Arms Horizontal and Forks Level	mm in	1853 72.9
_		mm	974
7	Reach with Fork at Maximum Height	in	38.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1847
	Glound to Top of Time with Arms Horizontal and Pork Level	in	72.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3999
_		in	157.5 5537
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	218.0
	0	mm	2762
11	Clearance at Full Lift and Max Dump	in	108.7
12	Max Discharge Angle from Horizontal	deg	50
	Max Disorarge 7 rigio from Fronzontal		
13	Overall Carriage Width	mm	2470
		in mm	97.3 1603
14	Overall Carriage Height	in	63.1
	O 1 11 T WEW / D	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
	Outside Tille Width (Hill Spread)	in	39.4
	Tine Width (single tine)	ḿш	180.0
		in	7.1
	Tine Thickness	mm in	65.0 2.6
		kg	10500
	Tine Capacity	lbs	23142
	Operating Weight	kg	20580
	Operating weight	lbs	45358



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)

The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or 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

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

Engineers
**CEN - European Committee for Standardization



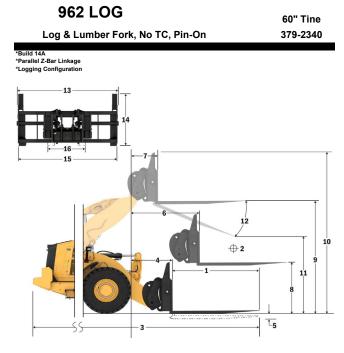
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

Fork Specifications

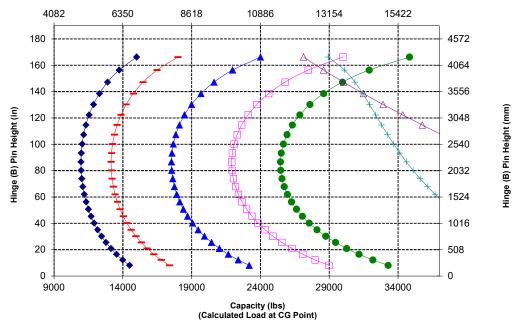
Fork Specifications

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
_	Edda Octrici	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	11544
		lbs kg	25443 9940
	Static Tipping Load - Articulated (Forks Level)	lbs	21907
	D	kg	4970
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10954
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5964
	Trated Load (OLIV LIV 474-5 Trought Terraint - 00 /01 TOTE)	lbs	13144
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7952
		lbs	17526
3	Maximum Overall Length	mm in	9201 362.3
	<u> </u>	mm	1283
4	Reach with Forks at Ground Level	in	50.5
_	*O	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
	Treach with Annis Honzontal and Forks Level	in	70.5
7	Reach with Fork at Maximum Height	mm	911
		in	35.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1871 73.6
	<u> </u>	in mm	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	2652
11	Clearance at Full Lift and Max Dump	in	104.4
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm in	2470 97.3
		mm	1601
14	Overall Carriage Height	in	63.0
4-	O 1 11 T 147 H / 10	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
	Outside Title Width (Illin Spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm	90.0 3.5
		in kg	15906
	Tine Capacity	lbs	35057
		kg	20278
	Operating Weight	lbs	44692



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



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

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

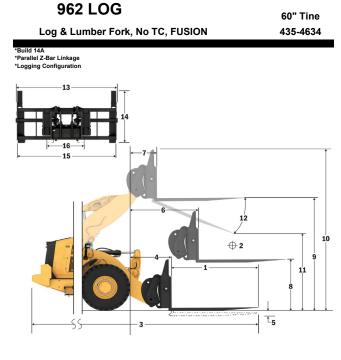
The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and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

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



Fork Specifications

	ik opecilications		
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	10895
		lbs kg	24013 9334
	Static Tipping Load - Articulated (Forks Level)	lbs	20572
	D-1-111(0AE 14407 F09/ ETCTL)	kg	4667
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10286
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5600
	Trace Edda (OEIT EIT TITT O Trough Toham "00% T TOTE)	lbs	12343
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7467
	<u> </u>	lbs mm	16458 9294
3	Maximum Overall Length	in	365.9
_	Describe with Femine at Consumal Level	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
	Glound to Bottom of Time at William Theight and Fork Level	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
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4024
9	Ground to Top or 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
	Overdam resignition is entitled and Entitle (top or barriago to ground)	in	217.9
11	Clearance at Full Lift and Max Dump	mm in	2505 98.6
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm in	2176 85.7
		mm	1601
14	Overall Carriage Height	in	63.0
45	Outside Tine Width (max spread)	mm	2084
15	Outside Tine Width (max spread)	in	82.0
16	Outside Tine Width (min spread)	mm	1002
	Catalas Tino Trian (Inin Spread)	in	39.4
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	in	3.5
	T 0 "	kg	15906
	Tine Capacity	lbs	35057
_	Operating Weight	kg	20761
	Operating Weight	lbs	45756



*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.

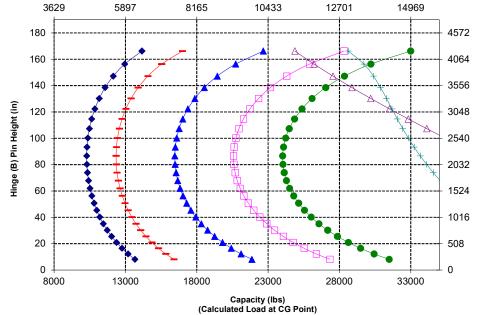
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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





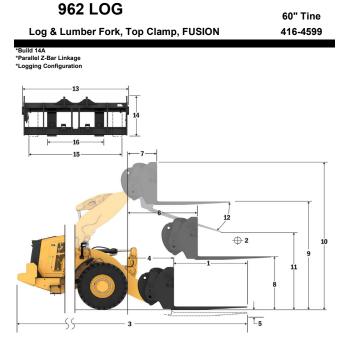
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1524 60.0
_	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 Load - 7 titiodiated (1 onto Level)	lbs	20263
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4597
	Traiba 2544 (6/12 01/07 00/01 10/2)	lbs	10132
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5516
	,	lbs	12158
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7355
	,	lbs	16211
3	Maximum Overall Length	mm	9309
		in	366.5
4	Reach with Forks at Ground Level	mm	1391
_		in	54.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-72 -2.8
		in mm	1924
6	Reach with Arms Horizontal and Forks Level	in	75.7
_		mm	1045
7	Reach with Fork at Maximum Height	in	41.2
_		mm	1857
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.1
_		mm	4009
9	Ground to Top of Tine at Maximum Height and Fork Level	in	157.8
	0	mm	5523
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	217.5
44	Clearance at Full Lift and Max Dump	mm	2611
11	Clearance at Full Lift and Max Dump	in	102.8
42	Max Discharge Angle from Horizontal	doa	44
12	Max Discharge Angle Irom Horizontal	deg	44
12	Overall Carriage Width	mm	2537
13	Overall Carriage Width	in	99.9
14	Overall Carriage Height	mm	1578
'	Overall Carriage Fleight	in	62.1
15	Outside Tine Width (max spread)	mm	2339
	Odibide Tille Width (max spread)	in	92.1
16	Outside Tine Width (min spread)	mm	742
		in	29.2
	Tine Width (single tine)	mm	203.2
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	in	8.0
	Tine Thickness	mm	63.5
		in	2.5
	Tine Capacity	kg	7170
	· · ·	lbs	15803
	Operating Weight	kg	20780
		lbs	45798



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



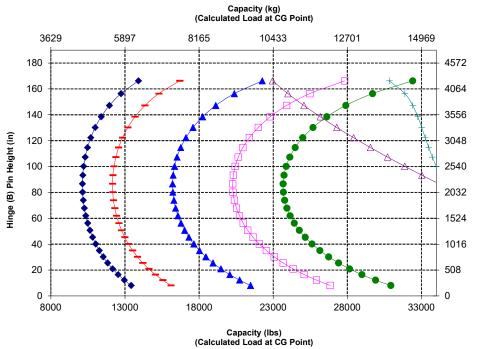


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

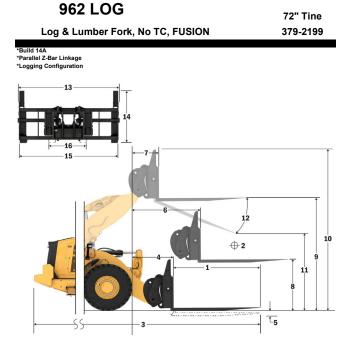
*SAE - Society of Automotive Engineers
**CEN - European Committee for Standardization





Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
_	Edad Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10380
	, , , , , , , , , , , , , , , , , , ,	lbs kg	22877 8881
	Static Tipping Load - Articulated (Forks Level)	lbs	19574
	D-t111(0AE 14407 F00/ FT0TL)	kg	4441
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9787
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5329
	Traced Load (OLIV LIV 474-5 Rough Terrain - 00 /0 1 101L)	lbs	11745
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7105
	(-	lbs	15659
3	Maximum Overall Length	mm	9599
	<u>*</u>	in mm	377.9 1376
4	Reach with Forks at Ground Level	in	54.2
_		mm	-83
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.3
_	Reach with Arms Horizontal and Forks Level	mm	1884
6	Reach with Arms Horizontal and Forks Level	in	74.2
7	Reach with Fork at Maximum Height	mm	1005
<u>'</u>	Treach with Fork at Maximum Fleight	in	39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1872
_	Ground to rop or time marrame riorizontal and ronk zoror	in	73.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4024
_	<u> </u>	in mm	158.4 5537
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.0
		mm	2272
11	Clearance at Full Lift and Max Dump	in	89.5
42	Max Discharge Angle from Horizontal		
12	Max Discharge Angle Ironi Honzontal	deg	50
13	Overall Carriage Width	mm	2470
	Overall Carriage Wilder	in	97.3
14	Overall Carriage Height	mm	1603
		in	63.1
15	Outside Tine Width (max spread)	mm in	2366 93.1
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	T: \A(:.ist- (-:I- 4:)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	12600
	Title Outpublis	lbs	27770
	Operating Weight	kg	20843
	-r	lbs	45937



*Negative values indicate below grade

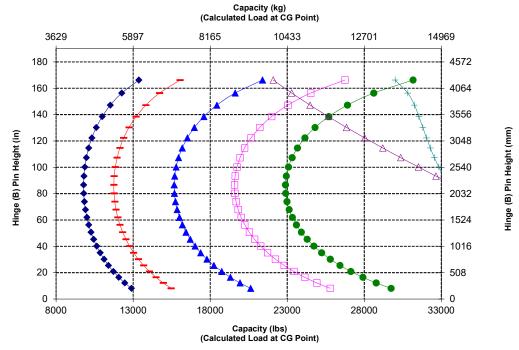


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

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

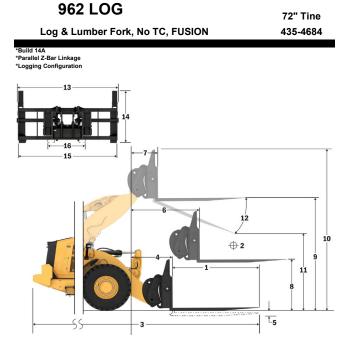




Fork Specifications

Fork Specifications

	nk opecifications		
1	Tine Length	mm in	1829 72.0
_	Load Center	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10374
	State Tipping 25dd Statight (1 Shie 2575)	lbs	22865
	Static Tipping Load - Articulated (Forks Level)	kg	8878 19568
		lbs ka	4439
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9784
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5327
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	11741
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7103
		lbs	15654
3	Maximum Overall Length	mm in	9599 377.9
_		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
o_	Ground to Bottom of Time at Minimum Height and Fork Level	in	-3.3
6	Reach with Arms Horizontal and Forks Level	mm	1884
_	Trouble Many anno Fronzontal and Forto 2010	in	74.2
7	Reach with Fork at Maximum Height	mm	1005
	<u> </u>	in mm	39.6 1872
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.7
_	Oncomed to Ton of Time at Marrison and United and Foods Lavel	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
	overall freight of Fork at Fall (lop of barriage to ground)	in	217.9
11	Clearance at Full Lift and Max Dump	mm	2272 89.5
_	<u> </u>	in	
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2176
	-	in mm	85.7 1601
14	Overall Carriage Height	in	63.0
45	O. 4-14- Ti Width (mm	2084
15	Outside Tine Width (max spread)	in	82.0
16	Outside Tine Width (min spread)	mm	1002
	Catolae Tine Triain (mini-spread)	in	39.4
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	in	3.5
	Time Operation	kg	12600
	Tine Capacity	lbs	27770
	Operating Weight	kg	20823
	Operating weight	lbs	45893



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

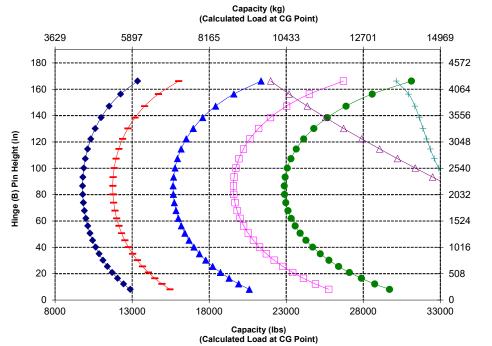


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

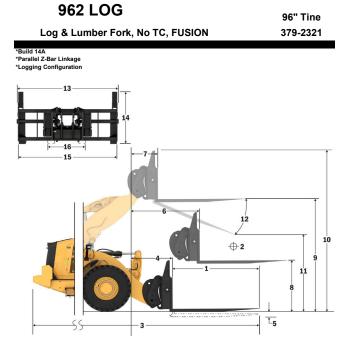
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization





Fork Specifications

1	Tine Length	mm in	2438 96.0
_	1 10 1	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9440
	Otatic Tipping Load - Straight (1 Orks Level)	lbs	20806
	Static Tipping Load - Articulated (Forks Level)	kg	8058
	11 3 ()	lbs	17759
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4029 8880
		kg	4835
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10656
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6446
	Nated Load (CEN EN 474-3 Fill and Level Glound - 60% F131L)	lbs	14208
3	Maximum Overall Length	mm	10208
_	Muximum Overali Lengui	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 -3.3
	-	in mm	1884
6	Reach with Arms Horizontal and Forks Level	in	74.2
_	B 1 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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 Title With Arms Horizontal and Fork Level	in	73.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4024
_		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
40	Man Diaghanna Angla from Harimontal		
12	Max Discharge Angle from Horizontal	deg	50
12	Overall Carriage Width	mm	2470
	Overall Garnage Wilder	in	97.3
14	Overall Carriage Height	mm	1603
		in	63.1
15	Outside Tine Width (max spread)	mm in	2366 93.1
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tin - \A(i,i), (-in-n) - 4in - \	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THORIESS	in	3.5
	Tine Capacity	kg	10100
	inia aspassy	lbs	22260
	Operating Weight	kg	20971
	-1 0 0 :	lbs	46219



*Negative values indicate below grade

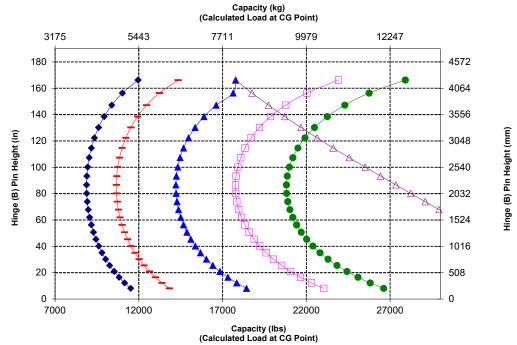


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

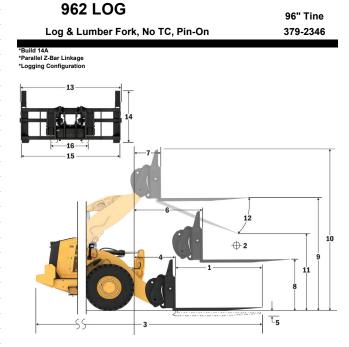




Fork Specifications

Fork Specifications

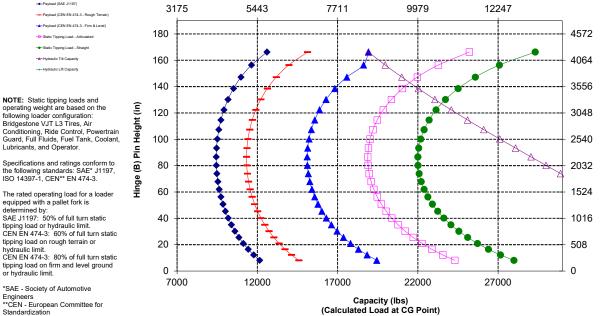
	nk opecifications		
1	Tine Length	mm in	2438 96.0
_		mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9978
	Static Tipping Load - Straight (Forks Level)	lbs	21992
	Static Tipping Load - Articulated (Forks Level)	kg	8565
		lbs	18877
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4282
		lbs ka	9438 5139
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11326
	D	ka	6852
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15101
3	Maximum Overall Length	mm	10116
3	Maximum Overali Length	in	398.2
4	Reach with Forks at Ground Level	mm	1284
	Trouble Will Forto de Ground Ecver	in	50.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-84
	·	in	-3.3 1790
6	Reach with Arms Horizontal and Forks Level	mm in	70.5
		mm	911
7	Reach with Fork at Maximum Height	in	35.9
_	0 11 7 17 11 11 15 11 1	mm	1871
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4022
	Ground to Top of Time at Maximum Fleight and Fork Level	in	158.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5533
		in	217.8
11	Clearance at Full Lift and Max Dump	mm	1997 78.6
	· · · · · · · · · · · · · · · · · · ·	in	
12	Max Discharge Angle from Horizontal	deg	46
12	Overall Carriage Width	mm	2470
	Overall Carriage vvidil	in	97.3
14	Overall Carriage Height	mm	1601
		in	63.0
15	Outside Tine Width (max spread)	mm in	2366 93.1
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	Tille Widil (Siligle tille)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	kg	10100
	• •	lbs	22260
	Operating Weight	kg	20468 45111
		lbs	45111



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 rough terrain or hydraulic limit. tipping load on firm and level ground or hydraulic limit.

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

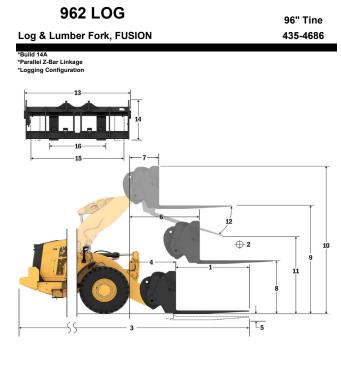
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

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



Fork Specifications

1	Tine Length	mm in	2438 96.0
_	1404	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
	<u> </u>	lbs kg	17756 4028
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8878
	Detect and (OFN FN 474 & Decemb Terrains COOK FTOTI)	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
	Trace Educ (DEIV EIV 474 OT IIIII and Edver Ground - 00701 1012)	lbs	14205
3	Maximum Overall Length	mm	10208
	· J	in	401.9
4	Reach with Forks at Ground Level	mm in	1376 54.2
_		mm	-83
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.3
-	Reach with Arms Horizontal and Forks Level	mm	1884
6	Reach with Arms Honzontal and Porks Level	in	74.2
7	Reach with Fork at Maximum Height	mm	1005
	Trought Mari on at maximum rioight	in	39.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1872
	·	in mm	73.7 4024
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.4
	0 1111111111111111111111111111111111111	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	1806
	Oldardrice de l'un Elle dirid Mux Burrip	in	71.1
12	Max Discharge Angle from Horizontal	deg	50
	0 110 : 147.111	mm	2176
13	Overall Carriage Width	in	85.7
1/	Overall Carriage Height	mm	1601
	Overall Carriage Fieight	in	63.0
15	Outside Tine Width (max spread)	mm	2084
		in	82.0
16	Outside Tine Width (min spread)	mm in	1002 39.4
		mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKHESS	in	3.5
	Tine Capacity	kg	10100
	inc appairy	lbs	22260
	Operating Weight	kg	20951
		lbs	46175



*Negative values indicate below grade

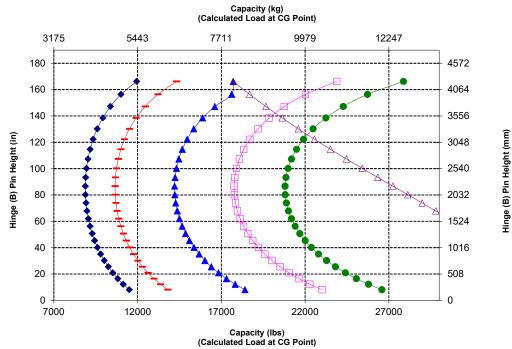


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

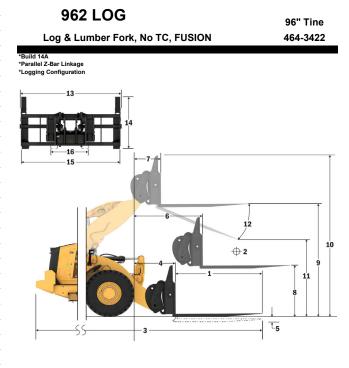




Fork Specifications

Fork Specifications

2 L S	Tine Length Load Center Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level)	mm in mm in kg lbs	2438 96.0 1219 48.0 9333 20570
S	Static Tipping Load - Straight (Forks Level)	mm in kg lbs	1219 48.0 9333
S	Static Tipping Load - Straight (Forks Level)	kg Ibs	9333
S		lbs	
S			
F	Static Tipping Load - Articulated (Forks Level)		
		lbs	7962 17549
	2	kg	3981
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8774
F	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4777
	tated Edda (OEIV EIV 474 O'Rought Terraint "00701 TOTE)	lbs	10529
F	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	6370
	<u> </u>	lbs mm	14039 10241
3 N	Maximum Overall Length	in	403.2
		mm	1408
4 F	Reach with Forks at Ground Level	in	55.4
5 *	Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
· ·	Ground to Bottom of Time at William Treignt and Tork Level	in	-3.6
6 F	Reach with Arms Horizontal and Forks Level	mm	1910
		in	75.2
7 F	Reach with Fork at Maximum Height	mm in	1032 40.6
		mm	1864
8 G	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
9 (Ground to Top of Tine at Maximum Height and Fork Level	mm	4016
	Stouria to Top of Time at Maximum Holght and Fork Edver	in	158.1
10 C	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5450
		in mm	214.6 1975
11 C	Clearance at Full Lift and Max Dump	in	77.8
40.1			
12 1	Max Discharge Angle from Horizontal	deg	44
13 (Overall Carriage Width	mm	2812
	Sverali Garriage vitati	in	110.7
14 C	Overall Carriage Height	mm	1524
15 C	Outside Tine Width (max spread)		106.2
40.0	S 4 11 T 140 H 4 1 1 1 1		100.2
16 (outside Tine Width (min spread)	in	39.4
т	Fine Width (single tine)	mm	180.0
	The Width (Single tine)	in	7.1
Т	Fine Thickness	mm	90.0
		in	3.5
T	Fine Capacity	kg lbs	10100 22260
		kg	21002
C	Operating Weight	lbs	46288
15 C	Outside Tine Width (max spread) Outside Tine Width (min spread) Tine Width (single tine)	mm	100 39. 180



*Negative values indicate below grade

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

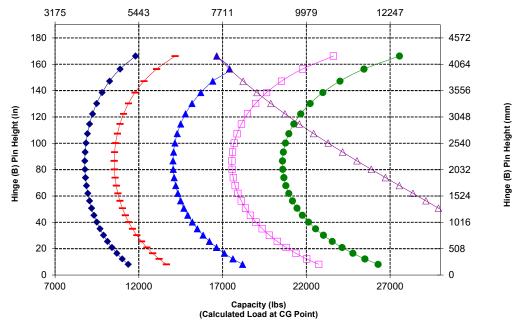
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

Capacity (kg) (Calculated Load at CG Point)



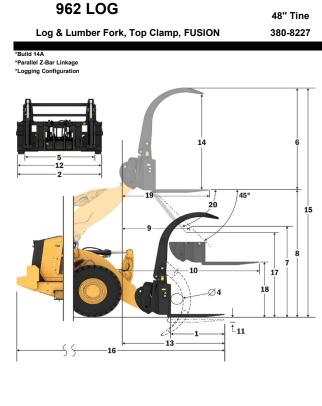
Engineers
**CEN - European Committee for Standardization

*SAE - Society of Automotive



Fork Specifications

1	Tine length	mm	1219
		in	48.0
2	Fork width	mm in	1893 74.5
_		m2	1.45
	End area	ft2	16
3	Inside Height	mm	0
3	(only applies to double top clamp)	in	0
4	Min. opening	mm	325
-	(only applies to millyard forks)	in	13
	Operating Weight	kg	21514
	Operating Weight	lbs	47429
5	Distance inside of tine tips	mm	1409
_	<u> </u>	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
	Desch wife il life 45 deschiose	in	154.3
9	Reach w/full lift, 45 deg dump (if max. dump <> 45)	mm	1597
	(II max. dump <> 45)	in	62.9
10	Reach w/lift arm horizontal and fork level	mm	3222
		in mm	126.9 -97
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-3.8
_		mm	1769
12	Width over tines	in	69.6
		mm	2715
13	Reach @ ground level	in	107
		mm	2635
14	Max. opening across tine and clamp	in	103.7
	Overall height of fork @ full lift and	mm	6851
15	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
	fork level	in	69.6
19	Reach @ full lift and fork level	mm	2343.7
	TOUGH W TAIR III. BIRL TOTA IS VET	in	92.3
20	Max. discharge angle from horizontal	deg	57
	max. disonarge angle from nonzortal	rad	1.0
	Tine Capacity	kg	14100
	: 1 - <i>7</i>	lbs	31076

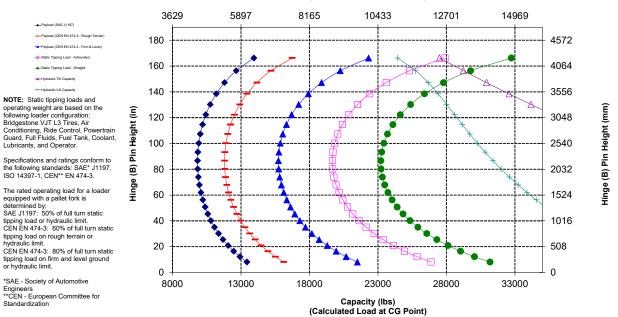


- Payload (CEN EN 474-3 - Rough Ter

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

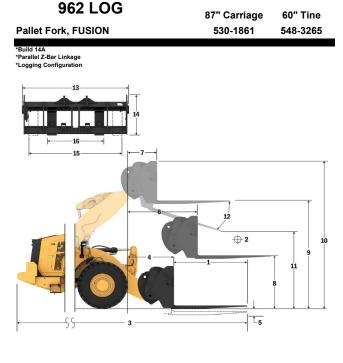
Engineers
**CEN - European Committee for Standardization

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

	ik Opcomoduona		
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	11262
	Static ripping Load - Straight (Forks Level)	lbs	24821
	Static Tipping Load - Articulated (Forks Level)	kg	9686
	Otatio Tipping Load - 7 titodiated (1 onto Level)	lbs	21347
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4843
	114104 2044 (0/12 01/07 00/01 10/2)	lbs	10673
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5811
	, , ,	lbs	12808
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kq	7748
	<u> </u>	lbs mm	17078 9294
3	Maximum Overall Length	in	365.9
		mm	1376
4	Reach with Forks at Ground Level	in	54.2
_	**	mm	-161
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
ь	Reach with Arms Horizontal and Forks Level	in	72.8
7	Reach with Fork at Maximum Height	mm	971
'	Reach with Fork at Maximum Height	in	38.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1769
	Ground to Top of Title with 74th 5 Florizonital and Tolk Edver	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	4695
	· · · · · · · · · · · · · · · · · · ·	in	184.9
11	Clearance at Full Lift and Max Dump	mm in	2556 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
		mm	470
16	Outside Tine Width (min spread)	in	18.5
	Time MAGNAM (-imedia 4tm-)	mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
	Title Thickness	in	2.6
	Tine Capacity	kg	6300
	тие Сараску	lbs	13885
	Operating Weight	kg	20456
	Operating Proignt	lbs	45084



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

--- Hydraulic Lift Capacity

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

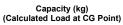
Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

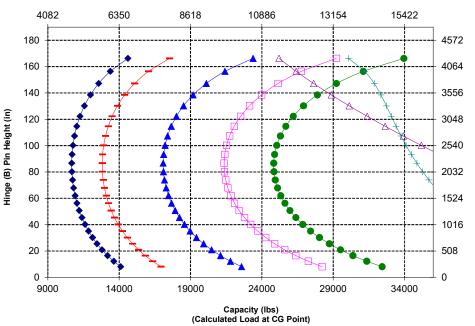
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

tipping load on firm and level ground or hydraulic limit.

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

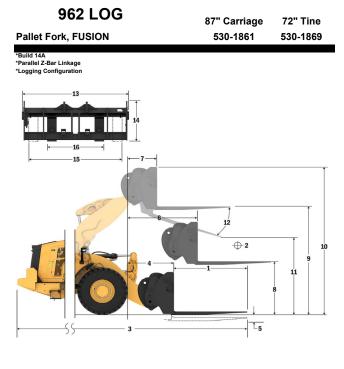






Fork Specifications

-			
1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10738
	, , , , , , , , , , , , , , , , , , ,	lbs	23667 9229
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	20341
		kg	4614
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10170
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5537
	Nated Load (OLIV LIV 474-5 Nough Terrain - 00 % 1 TOTL)	lbs	12204
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7383
	,	lbs	16272
3	Maximum Overall Length	mm in	9600 378.0
		mm	1376
4	Reach with Forks at Ground Level	in	54.2
_	*Od to Dottom of Time of Minimum Height and Fordal and	mm	-161
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.4
6	Reach with Arms Horizontal and Forks Level	mm	1849
	Treadil Will 7 (III) Tronzonial and Forto Edver	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	2337
	Olouranoo at ran Ent and max bamp	in	92.0
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2217
		in mm	87.3 840
14	Overall Carriage Height	in	33.1
4-	O 1 11 T 18/18/1	mm	2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Outside Tille Width (Illin Spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	, ,	in	5.9
	Tine Thickness	mm in	65.0 2.6
		kg	5246
	Tine Capacity	lbs	11562
	On a makin m NM a imba	kg	20503
	Operating Weight	lbs	45188



*Negative values indicate below grade



Static Tipping Load - Straight

Hydraulic Tilt Capacity

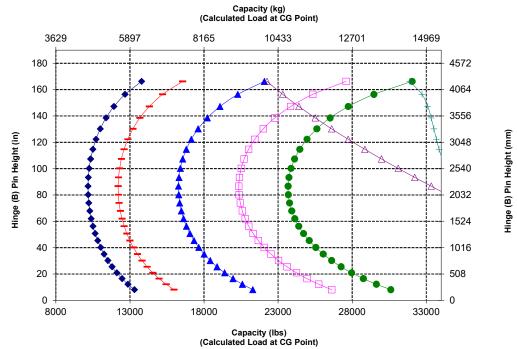
Hydraulic Lift Capacity

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.

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





Fork Specifications

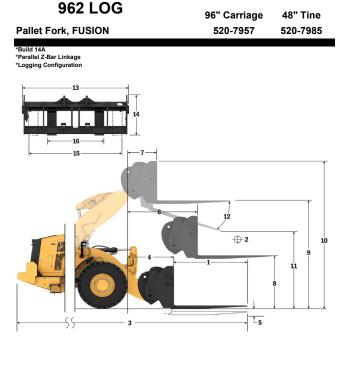
Fork Specifications

	nk opecifications		
1	Tine Length	mm in	1219 48.0
_	1 10 1	mm	610
2	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	11569
	Otatic Tipping Load - Otraight (Forks Level)	lbs	25499
	Static Tipping Load - Articulated (Forks Level)	kg	9916
		lbs	21855
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4958
	,	lbs kg	10927 5950
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13113
_		ka	7933
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17484
_	Manifestore Occasell Laurette	mm	8946
3	Maximum Overall Length	in	352.2
4	Reach with Forks at Ground Level	mm	1332
_	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 Holgin and Folk Ester	in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm	1841
_		in	72.5
7	Reach with Fork at Maximum Height	mm in	963 37.9
		mm	1874
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.8
_	0 11 7 77 111 1 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
10	Overall Height of Fork at Full Lift (top of carnage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2740
•••	Oldardrice de l'un Elle dirid Mux Burrip	in	107.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Time Width (sein seesed)	mm	576
10	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Time Wider (Single time)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	kg	22200
	· ·	lbs	48929
	Operating Weight	kg	20765
	· · · · · · · · · · · · · · · · · · ·	lbs	45765

4082

6350

14000



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point) 10886

Capacity (lbs)
(Calculated Load at CG Point)

13154

15422

34000

4572

4064

3556

3048

2540

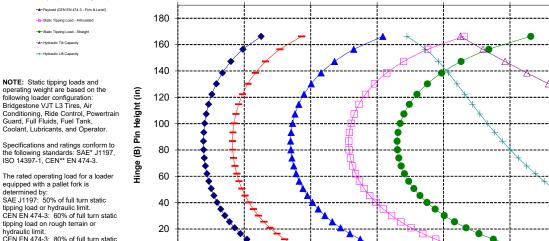
2032

1524 1016

508

0

Hinge (B) Pin Height (mm)



19000

8618

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

--- Hydraulic Lift Capacity

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

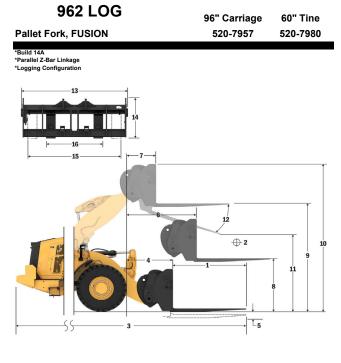
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

0

9000

Fork Specifications

	ik opcomoutions		
1	Tine Length	mm in	1524 60.0
		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10993
	Static ripping Load - Straight (Forks Level)	lbs	24229
	Static Tipping Load - Articulated (Forks Level)	kg	9412
	Otatio Tipping Load - 7 tilodiated (1 Ono Level)	lbs	20745
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4706
	, , , , , , , , , , , , , , , , , , , ,	lbs	10373
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5647 12447
		kg	7530
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16596
_	Maniana Occasilla anath	mm	9251
3	Maximum Overall Length	in	364.2
4	Reach with Forks at Ground Level	mm	1333
	Trodon Will T onto at Ground 2576	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 in	1842 72.5
_		mm	963
7	Reach with Fork at Maximum Height	in	37.9
_	Oncome data Torona Citizano vida Arrora Ultrain control and Control arroll	mm	
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	
	Ground to rop or time at Maximum Floight and Fork Edver	in	
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	
	· · · · · · · · · · · · · · · · · · ·	in	
11	Clearance at Full Lift and Max Dump	mm in	
12	Max Discharge Angle from Horizontal	deg	52
12	Overall Carriage Width	mm	
13	Overall Carriage Wildli	in	
14	Overall Carriage Height	mm	
		in	
15	Outside Tine Width (max spread)	mm in	
		mm	
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	IIIO AAIORI (SIIIAIG)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	kg	
	- 1 - 2	lbs	
	Operating Weight	kg	1874 73.8 4026 158.5 5066 199.5 2500 98.4 52 2528 99.5 1130 44.5 2178 85.7 576 22.7
		lbs	40911



*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.

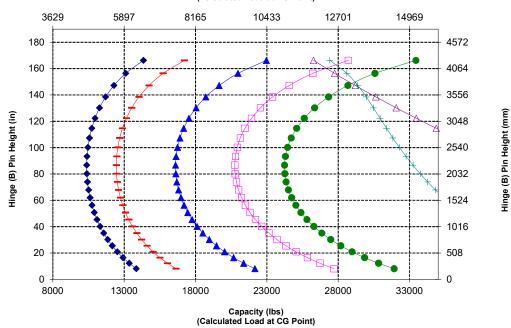
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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.

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

Capacity (kg) (Calculated Load at CG Point)

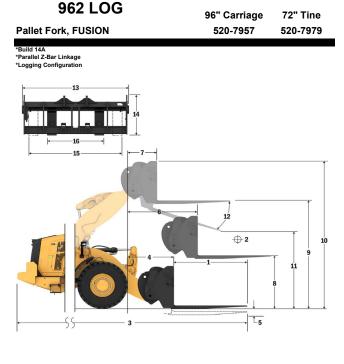




Fork Specifications

Fork Specifications

K Opecifications		
Tine Length	mm	1829 72.0
Load Center	mm	915
Edda Ochici	in	36.0
Static Tipping Load - Straight (Forks Level)		10464
		23062 8950
Static Tipping Load - Articulated (Forks Level)	lbs	19726
Detect Load (CAT 11107 F00/ FTCTL)	kg	4475
Rated Load (SAE JT197 - 50% F151L)	lbs	9863
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5370
Traise Essa (SET ETT IT FORTSagri Fortain SO 70 T FOTE)		11835
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		7160
		15781 9556
Maximum Overall Length		376.2
Barack with Earlie at Consumal Laurel	mm	1333
Reach with Forks at Ground Level	in	52.5
*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-81
Cround to Bottom of Time at William Theight and Tork Level	in	-3.2
Reach with Arms Horizontal and Forks Level	mm	1842
		72.5
Reach with Fork at Maximum Height		963 37.9
· · · · · · · · · · · · · · · · · · ·		1874
Ground to Top of Tine with Arms Horizontal and Fork Level		73.8
Consider Top of Tip of Marrian and Height and Foots I are	mm	4026
Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
Overall Fleight of Fork at Full Lift (top of carriage to ground)	in	199.5
Clearance at Full Lift and Max Dump		2259
<u>'</u>	ın	88.9
Max Discharge Angle from Horizontal	deg	52
Overall Carriage Width	mm	2528
g		99.5
Overall Carriage Height		1130 44.5
		2178
Outside Tine Width (max spread)		85.7
Outside Time Middle (min annual)	mm	576
Outside Tine Width (min spread)	in	22.7
Tine Width (single tine)	mm	180.0
	in	7.1
Tine Thickness	mm	90.0
		3.5
Tine Capacity		14800
		32619 20892
Operating Weight		46045
	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 (min spread) Tine Width (single tine) Tine Thickness	In Load Center in Static Tipping Load - Straight (Forks Level) kg Static Tipping Load - Articulated (Forks Level) kg Stated Load (SAE J1197 - 50% FTSTL) kg Stated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Tipped Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Tipped Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Tipped Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Tipped Stated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Tipp



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



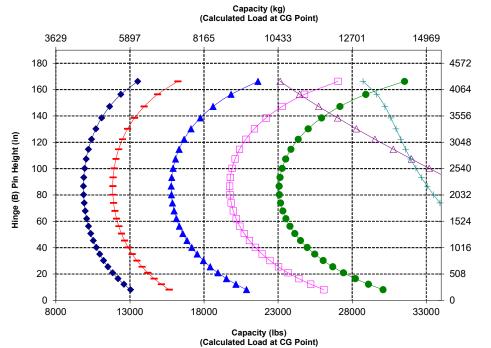
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--- 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.

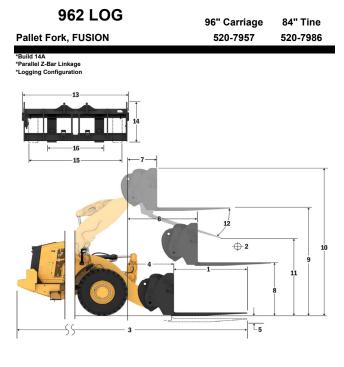
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization





Fork Specifications

1	Tine Length	mm in	2134 84.0
_	Land Control	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9970
	Otatio Tipping Load - Otalight (Folio Level)	lbs	21975
	Static Tipping Load - Articulated (Forks Level)	kg	8518
	· · · · · · · · · · · · · · · · · · ·	lbs	18774
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4259 9387
		kg	5111
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11265
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	6815
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	15019
3	Maximum Overall Length	mm	9861
	IVIAXIIIIUIII Overaii Lerigui	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	-81
		in	-3.2
6	Reach with Arms Horizontal and Forks Level	mm in	1842 72.5
_		mm	963
7	Reach with Fork at Maximum Height	in	37.9
_	0 11 7 77 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
9	Ground to Top or Time at Maximum Height and Pork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	Overall Fleight of Fork at Fall (top of carriage 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
12	Overall Carriage Width	mm	2528
	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
	,	mm	576
16	Outside Tine Width (min spread)	in	22.7
	T MORE AS A SECOND	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	Title Trickness	in	3.5
	Tine Capacity	kg	12700
	Tillo Oupuoity	lbs	27991
	Operating Weight	kg	2095
	-r	lbs	46184



*Negative values indicate below grade

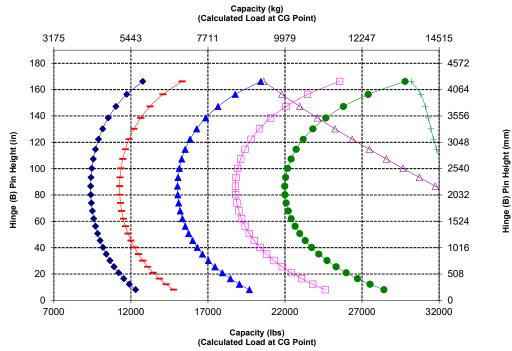


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

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

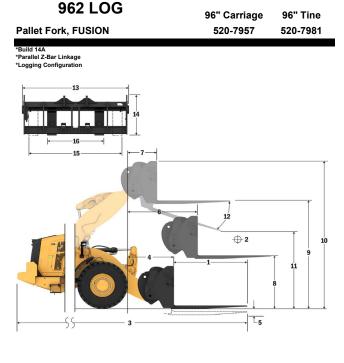




Fork Specifications

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	9513
		lbs	20968
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	8118 17892
		kg	4059
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8946
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4871
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	10735
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6494
	Trained Edita (OETT ETT TO TIME and Editor Ordania "OOMT TOTE)	lbs	14314
3	Maximum Overall Length	mm	10165
		in	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
_	B 1 3 4 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
	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
	<u> </u>	in mm	158.5 5066
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	199.5
44	Ol	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 Florizontal	ueg	
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 Title Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	Time Width (Single time)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	11300
	· · · · · · · · · · · · · · · · · · ·	lbs ka	24905 21017
	Operating Weight	kg Ibs	46321
		ina	400Z I



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



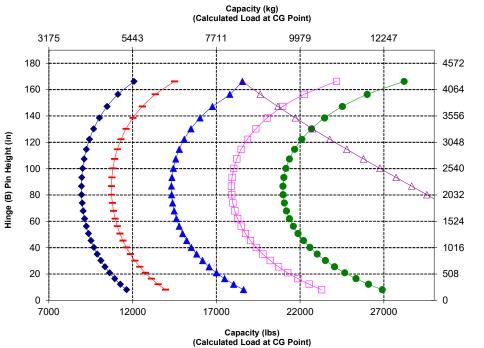
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--- 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.

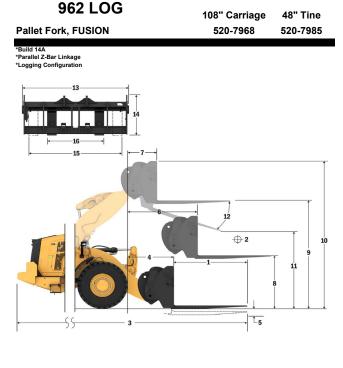
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization





Fork Specifications

el) evel) ain - 60% FTSTL) evel Ground - 80% FTSTL) eight and Fork Level evel	mm in mm in kg lbs kg lbs kg lbs kg lbs mm in mm in mm in mm in	1219 48.0 610 24.0 11528 25408 9875 21768 4938 10882 5925 13058 7900 17412 8946 352.2 1332 52.5 -81 -3.2
evel) ain - 60% FTSTL) evel Ground - 80% FTSTL) eight and Fork Level evel	mm in kg lbs kg lbs lbs kg lbs kg lbs mm in mm in mm in	610 24.0 11528 25409 9875 21765 4938 10882 5925 13059 7900 17412 8946 352.2 1332 52.5 -81 -3.2
evel) ain - 60% FTSTL) evel Ground - 80% FTSTL) eight and Fork Level evel	in kg lbs kg lbs kg lbs lbs kg lbs mm in mm in mm in	24.0 11528 25409 9875 21765 4938 10882 5925 7900 17412 8946 352.2 1332 52.5 -81 -3.2
evel) ain - 60% FTSTL) evel Ground - 80% FTSTL) eight and Fork Level evel	lbs kg lbs kg lbs kg lbs kg lbs mm in mm in mm in	25409 9875 21765 4938 10882 5925 13059 7900 17412 8946 352.2 1332 52.5 -81 -3.2
evel) ain - 60% FTSTL) evel Ground - 80% FTSTL) eight and Fork Level evel	kg lbs kg lbs kg lbs ka lbs mm in mm in mm in mm	9875 21765 4938 10882 5925 13055 7900 17412 8946 352.2 1332 52.5 -81 -3.2
eight and Fork Level	lbs kg lbs kg lbs kg lbs mm in mm in mm in mm	21765 4938 10882 5925 13059 7900 17412 8946 352.2 1332 52.5 -81 -3.2
eight and Fork Level	kg lbs kg lbs ka lbs mm in mm in mm in mm	4938 10882 5925 13059 7900 17412 8946 352.2 1332 52.5 -81 -3.2 1841
eight and Fork Level	lbs kg lbs kg lbs mm in mm in mm in	10882 5925 13059 7900 17412 8946 352.2 1332 52.5 -81 -3.2
eight and Fork Level	kg lbs kq lbs mm in mm in mm in mm	5925 13059 7900 17412 8946 352.2 1332 52.5 -81 -3.2 1841
eight and Fork Level	lbs kq lbs mm in mm in mm in mm in	13059 7900 17412 8946 352.2 1332 52.5 -81 -3.2 1841
eight and Fork Level	lbs mm in mm in mm in mm in	17412 8946 352.2 1332 52.5 -81 -3.2 1841
eight and Fork Level	mm in mm in mm in mm in	8946 352.2 1332 52.5 -81 -3.2 1841
evel	in mm in mm in mm in	352.2 1332 52.5 -81 -3.2 1841
evel	mm in mm in mm in	1332 52.5 -81 -3.2 1841
evel	in mm in mm in	52.5 -81 -3.2 1841
evel	mm in mm in	-81 -3.2 1841
evel	in mm in	-3.2 1841
	mm in	1841
	in	
ital and Fork Level		
ital and Fork Level		963
tal and Fork Level	in	37.9
	mm	1874
	in	73.8
nt and Fork Level	mm	4026
	in	158.5
carriage to ground)		5066 199.5
		2740
	in	107.9
	dog	52
	ueg	
	mm	2833
		111.5
		1130
		44.5 2493
		98.1
	mm	590
	in	23.2
	mm	180.0
	in	7.1
	mm	90.0
	in	3.5
	in kg	22200
	in	
	arriage to ground)	arriage to ground) mm in mm in deg mm in



*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.

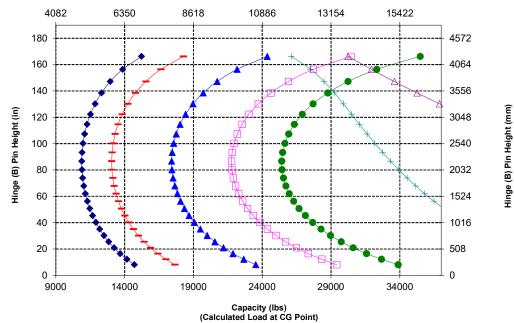
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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.

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

Capacity (kg) (Calculated Load at CG Point)

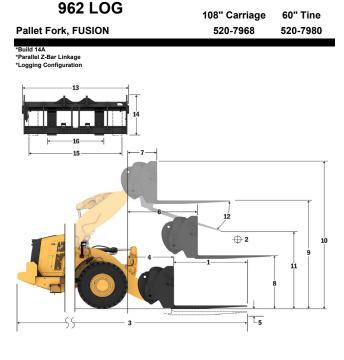




Fork Specifications

Fork Specifications

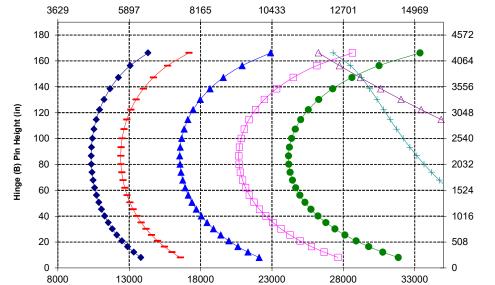
10	ik opecilications		
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Load Certier	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10958
		lbs kg	24151 9377
	Static Tipping Load - Articulated (Forks Level)	lbs	20667
		kg	4689
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10333
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5626
	Nated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	12400
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kq	7502
		lbs	16534
3	Maximum Overall Length	mm in	9251 364.2
	•	mm	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
6	Reach with Arms Horizontal and Forks Level	mm	1842
۰	Reacti Willi Attiis Horizontal and Forks Level	in	72.5
7	Reach with Fork at Maximum Height	mm	963
	Trought Mari on at maximum rioight	in	37.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1874
	<u> </u>	in mm	73.8 4026
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.5
		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	2500
11	Clearance at Full Lift and Max Dump	in	98.4
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
	g	in	111.5
14	Overall Carriage Height	mm in	1130
		mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
	O 1 11 T 140 H (1 1 1 1 1	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Tille Wildir (Single tille)	in	7.1
	Tine Thickness	mm	90.0
	***************************************	in	3.5
	Tine Capacity	kg	17800
	<u> </u>	lbs	39231 20880
	Operating Weight	kg lbs	46019
		IDS	70010



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)

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

--- Hydraulic Lift Capacity

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

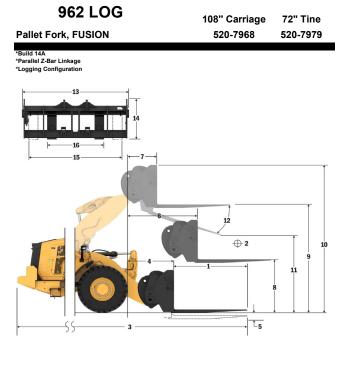
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on rough terrain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

	opeomeaneme		
1	Tine Length	mm in	1829 72.0
_	Land Carden	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10429
	Otatio ripping Load - Ottaight (1 Onto Lovel)	lbs	22985
	Static Tipping Load - Articulated (Forks Level)	kg	8915
		lbs	19648 4457
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	9824
		kg	5349
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11789
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	7132
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F151L)	lbs	15719
3	Maximum Overall Length	mm	9556
_	Waximum Overali Eengin	in	376.2
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
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
9	Ordana to Top or Timo at maximum Troight and Tork 2070	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 in	2259 88.9
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2833
		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
	THE THORICO	in	3.5
	Tine Capacity	kg	14800
_	- 1 - 2	lbs	32619
	Operating Weight	kg	20942
		lbs	46155



*Negative values indicate below grade

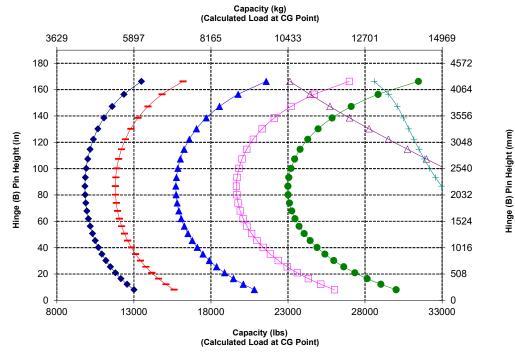


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

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

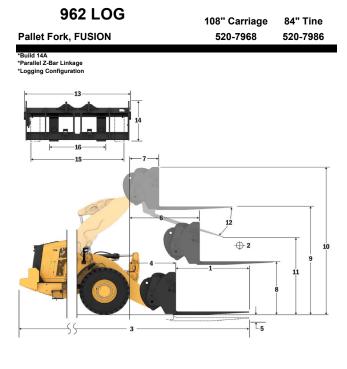




Fork Specifications

Fork Specifications

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	9938
	otatio ripping 2000 ottaignt (i onto 2010)	lbs	2190
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8486 1870
		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	1122
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6789
	Traica Edad (OETV ETV 474 OT HITT and Edver Ground - 00701 1012)	lbs	1496
3	Maximum Overall Length	mm	9861
_		in	388.
4	Reach with Forks at Ground Level	mm	1333
		in	52.5 -81
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-3.2
_		mm	1842
6	Reach with Arms Horizontal and Forks Level	in	72.5
-	Death with Federal Manieron Height	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 Title with Arms Honzontal and Fork Level	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4026
_	<u> </u>		158.
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
		in mm	199.
11	Clearance at Full Lift and Max Dump	in	79.5
12	Max Discharge Angle from Horizontal	deg	52
12	Overall Carriage Width	mm	2833
	Overall Carriage Width	in	111.
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483
	,	in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	T 140 H / 1 L C 1	mm	180.
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	1270
	тие очрину	lbs	2799
	Operating Weight	kg	2100
	opolating troight	lbs	4629



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

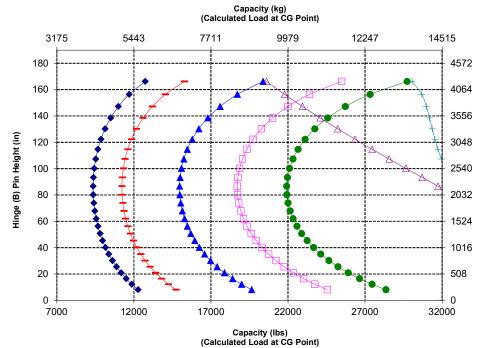


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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.

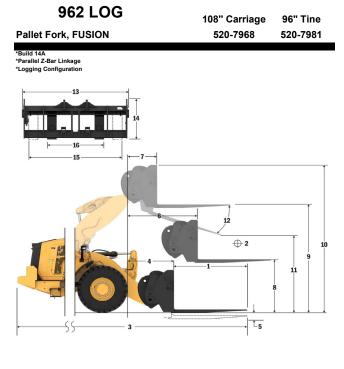
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization





Fork Specifications

	openious		
1	Tine Length	mm in	2438 96.0
_	Land Control	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9481
	Otatio Tipping Load - Otalight (Folio Level)	lbs	20897
	Static Tipping Load - Articulated (Forks Level)	kg	8086
_	· · · · · · · · · · · · · · · · · · ·	lbs	17821 4043
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	8910
		kg	4851
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	10693
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	6469
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	1425
3	Maximum Overall Length	mm	1016
_	IVIAXIIIIUIII Overaii Lerigui	in	400.2
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
8	Construction of Time with Asset Haringstol and Forth Lavel	mm	1874
ŏ	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 Waximum Fleight and Fork Level	in	158.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5066
	Oreram rieignt er r ent at r an Ent (tep er earnage te greatia)	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	2833
		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
		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
	THE THORICO	in	3.5
	Tine Capacity	kg	11300
	* 1 - 7	lbs	2490
	Operating Weight	kg	21067
		lbs	4643



*Negative values indicate below grade



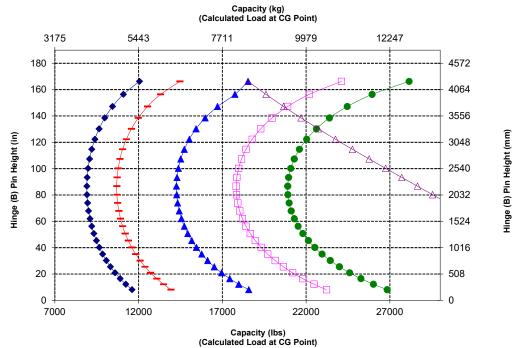
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--- 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

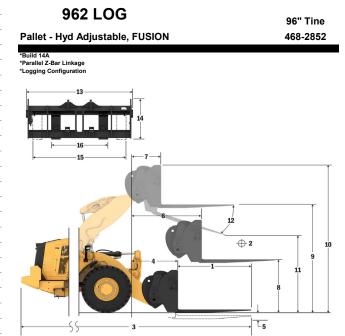




Fork Specifications

Fork Specifications

	nk opcomeditions		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Certier	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9184
	, , , , , , , , , , , , , , , , , , ,	lbs kg	20242 7824
	Static Tipping Load - Articulated (Forks Level)	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
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6259
		lbs	13795
3	Maximum Overall Length	mm in	10271 404.4
		mm	1439
4	Reach with Forks at Ground Level	in	56.7
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
	Ground to Bottom of Time at Millimidin Height and Fork Level	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm	1941
_		in	76.4 1062
7	Reach with Fork at Maximum Height	mm in	41.8
_	0 11 7 77 71 11 11 15 11 1	mm	1864
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4016
_		in	158.1 5084
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	200.1
11	Clearance at Full Lift and Max Dump	mm	1705
	Clearance at 1 un Ent and Wax Dump	in	67.1
12	Max Discharge Angle from Horizontal	deg	52
13	Overall Carriage Width	mm	2542
_		in mm	100.1 1158
14	Overall Carriage Height	in	45.6
45	O. 4-1-1- Ti \A/1-44- (mm	2312
15	Outside Tine Width (max spread)	in	91.0
16	Outside Tine Width (min spread)	mm	896
_	·	in	35.3
	Tine Width (single tine)	mm in	180.0 7.1
	Time Thirdeness	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	10100
		lbs	22260
	Operating Weight	kg	21116
	-1 5 5	lbs	46539

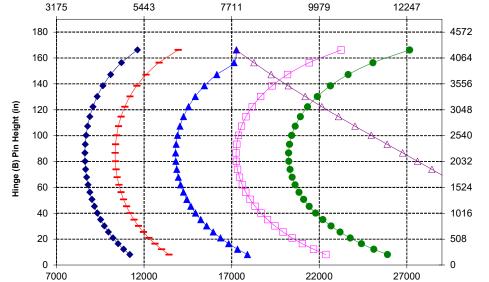


Hinge (B) Pin Height (mm)

*Negative values indicate below grade

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

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs)
(Calculated Load at CG Point)

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

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

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

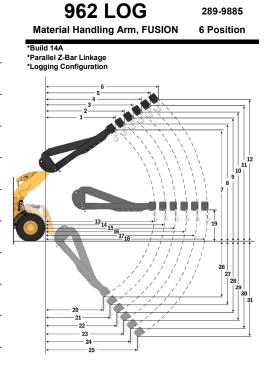
*SAE - Society of Automotive Engineers
**CEN - European Committee for Standardization

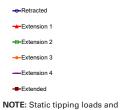




Material Handling Specifications

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"
	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
WIII LIII - HOOK Eyelet Reach (20, 21, 22, 23, 24, 23)	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
O	kg	20,214	20,214	20,214	20,214	20,214	20,214
Operating Weight		44,551	44,551	44,551	44,551	44,551	44,551





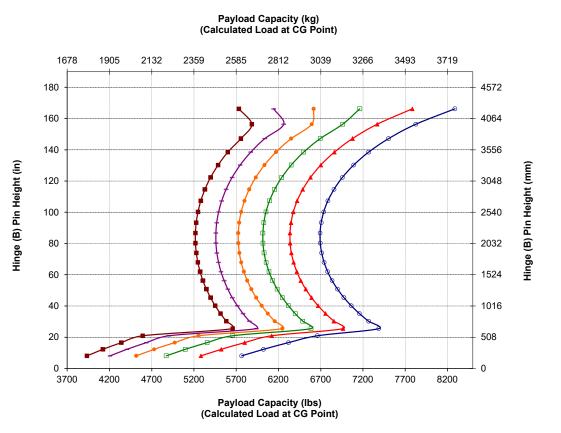
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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





962Corrosion 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.
- Optional Surround Vision provides 360° visibility around the machine, enhancing an operator's situational awareness.
- Collision Mitigation System utilizes an integrated and intelligent sensor array to provide reverse collision warnings, detect people, inhibit motion, and enable automatic emergency braking.
- Cat Command remote control lets operators work safely from a distance.

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

Reduced Maintenance Time and Costs

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

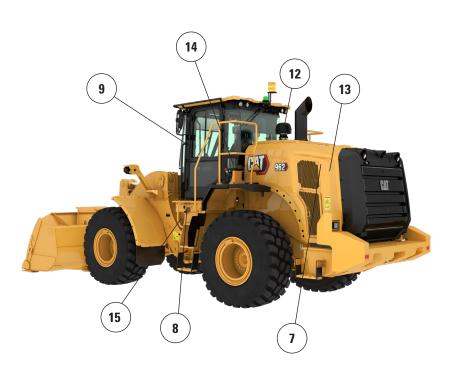
- Optional powered cabin precleaner filters the incoming air and pressurizes the cab.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- 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.

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.

© 2025 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, VisionLink, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

AEXQ4426-00 (11-2025) Build Number: 14C (N Am, Europe, Türkiye, Japan, Korea, Chile, Colombia)

