

980 XE Wheel Loader

Technical Specifications

Not all attachments available in all regions. Consult your Cat® dealer for specific configurations available in your region.

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Engine – (U.S. EPA Tier 4 Final	/EU Stage \	/)
Engine Model	Cat C13	
Engine Power @ 1,700 rpm	313 kW	420 hp
ISO 14396:2002		
ISO 14396:2002 (DIN)	426 hp (metr	ic)
Gross Power @ 1,700 rpm	317 kW	425 hp
SAE J1995:2014		
SAE J1995:2014 (DIN)	431 hp (metr	ic)
Net Power @ 1,700 rpm	293 kW	393 hp
ISO 9249:2007, SAE J1349:2011		
ISO 9249:2007, SAE J1349:2011 (DIN)	398 hp (metr	ic)
Engine Torque (1,200 rpm)	2185 N·m	1,612 lbf-ft
ISO 14396:2002		
Gross Torque (1,200 rpm)	2206 N·m	1,627 lbf-ft
SAE J1995:2014		
Net Torque (1,100 rpm)	2086 N·m	1,539 lbf-ft
ISO 9249:2007, SAE J1349:2011		
Bore	130 mm	5.12 in
Stroke	157 mm	6.18 in
Displacement	12.5 L	763 in ³

- Cat engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - 20% biodiesel FAME (fatty acid methyl ester)*
 - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

* Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.

Buckets		
Bucket Capacities	4.0-14.5 m ³	5.25-19.0 yd ³

Weight Operating Weight 30 344 kg 66,877 lb

 Weight based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link™, open differential axles (front/rear), secondary steering, sound suppression, and a 5.4 m³ (7.1 yd³) general purpose bucket with BOCE.

Operating Specifications		
Static Tipping Load – Full 40° Turn		
With Tire Deflection	19 706 kg	43,432 lb
No Tire Deflection	20 965 kg	46,208 lb
Breakout Force	227 kN	51,008 lbf

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

Transmission		
Forward 1	7.0 km/h	4.4 mph
Forward 2	13.6 km/h	8.4 mph
Forward 3	24.0 km/h	14.9 mph
Forward 4	39.5 km/h	24.5 mph
Reverse 1	8.1 km/h	5.0 mph
Reverse 2	15.5 km/h	9.6 mph
Reverse 3	29.5 km/h	18.3 mph
Reverse 4	n/a	n/a

 Maximum travel speed in standard vehicle with empty bucket and standard L4 tires with 935 mm (37 in) roll radius.

Implement Pump Type	Variable Displacement	
	Piston, Elect	o-Hydraulic
Implement System:		
Maximum Pump Output (1,400 rpm)	457 L/min	121 gal/min
Maximum Operating Pressure	34 300 kPa	4,975 psi
Optional 3 rd Function	240 L/min	63 gal/min
Maximum Flow		
Optional 3 rd Function	20 684 kPa	3,000 psi
Maximum Pressure at Work Tool		
Hydraulic Cycle Time with Rated Paylo	oad:	
Raise from Carry Position	5.3 sec	
Dump, at Maximum Raise	1.7 sec	
Lower, Empty, Float Down	3.1 sec	
Total	10.1 sec	

Brakes	
Brakes	Brakes meet ISO 3450:2011 standards

Axles	
Front	Fixed, open differential
Rear	Oscillating, open differential

Service Refill Capacities		
Fuel Tank	426 L	112.5 gal
DEF Tank	21 L	5.5 gal
Cooling System	52 L	13.7 gal
Crankcase	37 L	9.8 gal
Transmission	77 L	20.3 gal
Differentials and Final Drives – Front	84 L	22.2 gal
Differentials and Final Drives – Rear	84 L	22.2 gal
Hydraulic Tank	153 L	40.4 gal

Cab	
ROPS/FOPS	ROPS/FOPS meet
	ISO 3471:2008 and
	ISO 3449:2005 Level II
	standards

Sound Performance	
Operator Sound Pressure Level (ISO 6396:2008)	70 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	110 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	70 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	107 dB(A)

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

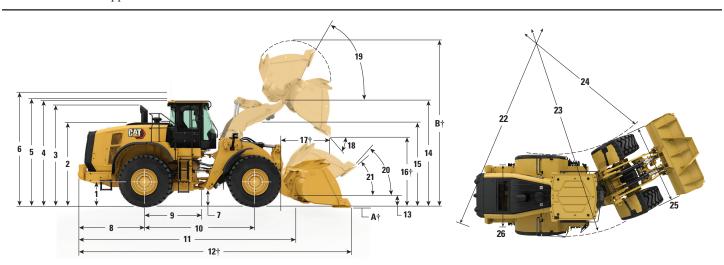
Air Conditioning System

• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg (3.52 lb) of refrigerant which has a CO₂ equivalent 2.288 metric tonnes (2.522 tons).

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

Dimensions

All dimensions are approximate.



	Standard Lift		High Lift	
Height to Axle Centerline	899 mm	2'11"	899 mm	2'11"
Height to Top of Hood	3064 mm	10'1"	3064 mm	10'1"
Height to Top of Exhaust Pipe	3764 mm	12'5"	3764 mm	12'5"
Height to Top of ROPS	3829 mm	12'7"	3829 mm	12'7"
Height to Top of Product Link Antenna	3835 mm	12'7"	3835 mm	12'7"
Height to Top of Warning Beacon	4108 mm	13'6"	4108 mm	13'6"
Ground Clearance	456 mm	1'5"	456 mm	1'5"
Center Line of Rear Axle to Edge of Counterweight	2661 mm	8'9"	2661 mm	8'9"
Center Line of Rear Axle to Hitch	1900 mm	6'3"	1900 mm	6'3"
Wheelbase	3800 mm	12'6"	3800 mm	12'6"
Overall Length (without bucket)	8155 mm	26'10"	8355 mm	27'5"
Shipping Length (with bucket level on ground)*†	9673 mm	31'9"	9875 mm	32'5"
Hinge Pin Height at Carry Height	632 mm	2'0"	682 mm	2'2"
Hinge Pin Height at Maximum Lift	4554 mm	14'11"	4775 mm	15'7"
Lift Arm Clearance at Maximum Lift	3881 mm	12'8"	4125 mm	13'6"
Dump Clearance at Maximum Lift and 45° Discharge*†	3287 mm	10'9"	3508 mm	11'6"
Reach at Maximum Lift and 45° Discharge*†	1481 mm	4'10"	1484 mm	4'10"
1 (1)	52 deg	rees	55 degrees	
Rack Back at Maximum Lift*	61 deg	rees	61 degrees	
Rack Back at Carry Height*	48 deg	rees	50 degrees	
Rack Back at Ground*	40 degrees		rees 40 degrees	
Clearance Circle (dia) to Counterweight	13 692 mm	45'0"	13 692 mm	45'0"
Clearance Circle (dia) to Outside of Tires	13 700 mm	45'0"	13 700 mm	45'0"
Clearance Circle (dia) to Inside of Tires	7180 mm	23'7"	7180 mm	23'7"
	3240 mm	10'8"	3240 mm	10'8"
Width over Tires (loaded)	3260 mm	10'9"	3260 mm	10'9"
Tread Width	2440 mm	8'0"	2440 mm	8'0"
		Height to Axle Centerline899 mmHeight to Top of Hood3064 mmHeight to Top of Exhaust Pipe3764 mmHeight to Top of ROPS3829 mmHeight to Top of Product Link Antenna3835 mmHeight to Top of Warning Beacon4108 mmGround Clearance456 mmCenter Line of Rear Axle to Edge of Counterweight2661 mmCenter Line of Rear Axle to Hitch1900 mmWheelbase3800 mmOverall Length (without bucket)8155 mmShipping Length (with bucket level on ground)*†9673 mmHinge Pin Height at Carry Height632 mmHinge Pin Height at Maximum Lift3881 mmDump Clearance at Maximum Lift and 45° Discharge*†3287 mmReach at Maximum Lift and 45° Discharge*†1481 mmDump Angle at Maximum Lift and Dump (on stops)*52 degRack Back at Carry Height*48 degRack Back at Ground*40 degClearance Circle (dia) to Counterweight13 692 mmClearance Circle (dia) to Outside of Tires13 700 mmClearance Circle (dia) to Inside of Tires7180 mmWidth over Tires (unloaded)3240 mmWidth over Tires (loaded)3260 mm	Height to Top of Hood 2°11" Height to Top of Hood 3064 mm 101" Height to Top of Exhaust Pipe 3764 mm 12'5" Height to Top of ROPS 3829 mm 12'7" Height to Top of Product Link Antenna 3835 mm 12'7" Height to Top of Warning Beacon 4108 mm 13'6" Ground Clearance 456 mm 1'5" Center Line of Rear Axle to Edge of Counterweight 2661 mm 8'9" Center Line of Rear Axle to Hitch 1900 mm 6'3" Wheelbase 3800 mm 12'6" Overall Length (without bucket) 8155 mm 26'10" Shipping Length (with bucket level on ground)*† 9673 mm 31'9" Hinge Pin Height at Carry Height 632 mm 2'0" Hinge Pin Height at Maximum Lift 4554 mm 14'11" Lift Arm Clearance at Maximum Lift and 45° Discharge*† 3287 mm 10'9" Reach at Maximum Lift and 45° Discharge*† 1481 mm 4'10" Dump Angle at Maximum Lift and Dump (on stops)* 52 degrees Rack Back at Maximum Lift and Dump (on stops)* 52 degrees </th <th>Height to Axle Centerline 899 mm 2'11" 899 mm Height to Top of Hood 3064 mm 10'1" 3064 mm Height to Top of Exhaust Pipe 3764 mm 12'5" 3764 mm Height to Top of ROPS 3829 mm 12'7" 3829 mm Height to Top of Product Link Antenna 3835 mm 12'7" 3835 mm Height to Top of Warning Beacon 4108 mm 13'6" 4108 mm Ground Clearance 456 mm 1'5" 456 mm Center Line of Rear Axle to Edge of Counterweight 2661 mm 89" 2661 mm Center Line of Rear Axle to Hitch 1900 mm 63" 1900 mm Wheelbase 3800 mm 12'6" 3800 mm Overall Length (without bucket) 8155 mm 26'10" 8355 mm Shipping Length (with bucket level on ground)*† 9673 mm 319" 9875 mm Hinge Pin Height at Carry Height 632 mm 20" 682 mm Hinge Pin Height at Maximum Lift 4554 mm 14'11" 4775 mm Lift Arm Clearance at Maximum Lift and 45° Discharge*† 381 mm</th>	Height to Axle Centerline 899 mm 2'11" 899 mm Height to Top of Hood 3064 mm 10'1" 3064 mm Height to Top of Exhaust Pipe 3764 mm 12'5" 3764 mm Height to Top of ROPS 3829 mm 12'7" 3829 mm Height to Top of Product Link Antenna 3835 mm 12'7" 3835 mm Height to Top of Warning Beacon 4108 mm 13'6" 4108 mm Ground Clearance 456 mm 1'5" 456 mm Center Line of Rear Axle to Edge of Counterweight 2661 mm 89" 2661 mm Center Line of Rear Axle to Hitch 1900 mm 63" 1900 mm Wheelbase 3800 mm 12'6" 3800 mm Overall Length (without bucket) 8155 mm 26'10" 8355 mm Shipping Length (with bucket level on ground)*† 9673 mm 319" 9875 mm Hinge Pin Height at Carry Height 632 mm 20" 682 mm Hinge Pin Height at Maximum Lift 4554 mm 14'11" 4775 mm Lift Arm Clearance at Maximum Lift and 45° Discharge*† 381 mm

[†]Dimensions are listed in Operating Specifications charts.

All height and tire related dimensions are with Bridgestone 29.5R25 VSNT L4 radial tires (see Tire Option 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 5.4 m³ (7.1 yd³) general purpose bucket with BOCE and Bridgestone 29.5R25 VSNT L4 radial tires. (see Operating Specifications for other buckets)

Tire Options

Tire Brand	Bridgestone	Michelin	Michelin	Michelin	Bridgestone	Michelin
Tire Size	29.5R25	29.5R25	29.5R25	29.5R25	29.5R25	29.5R25
Tread Type	L-4	L-4	L-5	L-5	L-3	L-3
Tread Pattern	VSNT	XLDD1	XLDD2	XMINED2	VJT	XHA2
Width over Tires – Maximum (empty)*	3240 mm 10'8"	3258 mm 10'9"	3256 mm 10'9"	3275 mm 10'9"	3263 mm 10'9"	3270 mm 10'9"
Width over Tires – Maximum (loaded)*	3260 mm 10'9"	3302 mm 10'10"	3296 mm 10'10"	3294 mm 10'10"	3289 mm 10'10"	3296 mm 10'10"
Change in Vertical Dimensions (average of front and rear)		−7 mm −0.3"	−6 mm −0.2"	5 mm 0.2"	-23 mm -0.9"	−40 mm −1.6"
Change in Horizontal Reach		−1 mm 0"	3 mm 0.1"	3 mm 0.1"	20 mm 0.8"	23 mm 0.9"
Change in Clearance Circle to Outside of Tires		42 mm 1.7"	36 mm 1.4"	34 mm 1.3"	29 mm 1.1"	36 mm 1.4"
Change in Clearance Circle to Inside of Tires		−42 mm −1.7"	−36 mm −1.4"	−34 mm −1.3"	−29 mm −1.1"	−36 mm −1.4"
Change in Operating Weight (without Ballast)		−156 kg −344 lb	208 kg 459 lb	532 kg 1,173 lb	−684 kg −1,508 lb	−700 kg −1,544 lb
Change in Static Tipping Load – Straight		−119 kg −262 lb	158 kg 349 lb	405 kg 892 lb	−520 kg −1,147 lb	−532 kg −1,174 lb
Change in Static Tipping Load – Articulated		−103 kg −228 lb	138 kg 304 lb	352 kg 777 lb	-453 kg -998 lb	−463 kg −1,022 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±13 degrees	±13 degrees	±13 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"

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

Tire Brand	Bridgestone	Bridgestone	Maxam	Maxam	Maxam	Brawler
Tire Size	29.5R25	29.5R25	29.5R25	29.5R25	29.5R25	29.5-25
Tread Type	L-5	L-5	L-3	L-4	L–5	Solid
Tread Pattern	VSDT	VSDL	MS302	MS405DX	MS503	Traction/Smooth
Width over Tires – Maximum (empty)*	3272 mm	3250 mm	3270 mm	3256 mm	3268 mm	3227 mm
	10'9"	10'8"	10'9"	10'9"	10'9"	10'8"
Width over Tires – Maximum (loaded)*	3301 mm	3275 mm	3290 mm	3282 mm	3304 mm	3230 mm
	10'10"	10'9"	10'10"	10'10"	10'11"	10'8"
Change in Vertical Dimensions (average of front and rear)	4 mm	20 mm	−19 mm	−33 mm	−6 mm	9 mm
	0.1"	0.8"	−0.8"	−1.3"	−0.2"	0.4"
Change in Horizontal Reach	0 mm	−10 mm	6 mm	19 mm	−3 mm	30 mm
	0"	−0.4"	0.2"	0.7"	−0.1"	1.2"
Change in Clearance Circle to Outside of Tires	41 mm	15 mm	30 mm	22 mm	44 mm	−30 mm
	1.6"	0.6"	1.2"	0.9"	1.7"	−1.2"
Change in Clearance Circle to Inside of Tires	−41 mm	−15 mm	−30 mm	−22 mm	−44 mm	30 mm
	−1.6"	−0.6"	−1.2"	−0.9"	−1.7"	1.2"
Change in Operating Weight (without Ballast)	500 kg	708 kg	−528 kg	−388 kg	252 kg	5772 kg
	1,103 lb	1,561 lb	−1,164 lb	−856 lb	556 lb	12,727 lb
Change in Static Tipping Load – Straight	380 kg	538 kg	-402 kg	−295 kg	192 kg	4390 kg
	838 lb	1,187 lb	-885 lb	−651 lb	423 lb	9,679 lb
Change in Static Tipping Load – Articulated	331 kg	469 kg	−350 kg	−257 kg	167 kg	3821 kg
	730 lb	1,033 lb	−771 lb	−566 lb	368 lb	8,425 lb
Rear Axle Oscillation Angle	±13 degrees	±8 degrees				
Maximum Single-wheel Rise and Fall	549 mm	340 mm				
	1'10"	1'10"	1'10"	1'10"	1'10"	1'1"

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

Tire Options

Tire Brand	Michelin	Bridgestone	Bridgestone	Maxam
Tire Size	875/65R29	875/65R29	875/65R29	875/65R29
Tread Type	L-3	L-3	L-4	L-4
Tread Pattern	XHA2	VTS	VLTS	MS405DX
Width over Tires – Maximum (empty)*	3373 mm	3341 mm	3344 mm	3357 mm
	11'1"	11'0"	11'0"	11'1"
Width over Tires – Maximum (loaded)*	3384 mm	3359 mm	3366 mm	3382 mm
	11'2"	11'1"	11'1"	11'2"
Change in Vertical Dimensions (average of front and rear)	−25 mm	−19 mm	−16 mm	−34 mm
	−1"	−0.8"	−0.6"	−1.3"
Change in Horizontal Reach	18 mm	20 mm	19 mm	19 mm
	0.7"	0.8"	0.7"	0.7"
Change in Clearance Circle to Outside of Tires	124 mm	99 mm	106 mm	122 mm
	4.9"	3.9"	4.2"	4.8"
Change in Clearance Circle to Inside of Tires	−124 mm	−99 mm	−106 mm	−122 mm
	−4.9"	−3.9"	−4.2"	−4.8"
Change in Operating Weight (without Ballast)	−40 kg	240 kg	316 kg	308 kg
	−88 lb	529 lb	697 lb	679 lb
Change in Static Tipping Load – Straight	−30 kg	183 kg	240 kg	234 kg
	−67 lb	402 lb	530 lb	516 lb
Change in Static Tipping Load – Articulated	−26 kg	159 kg	209 kg	204 kg
	−58 lb	350 lb	461 lb	450 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±8 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	340 mm	340 mm	340 mm	340 mm
	1'1"	1'1"	1'1"	1'1"

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

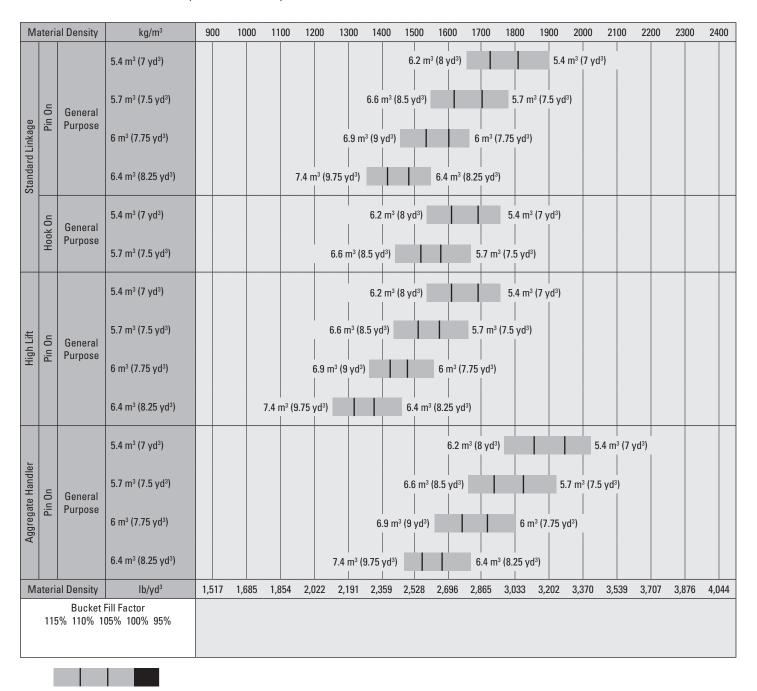
Bucket Fill Factors and Selection Guide

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

Loose Material		Fill Factor (%)*	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.



Note: All buckets are showing Bolt-On Edges.

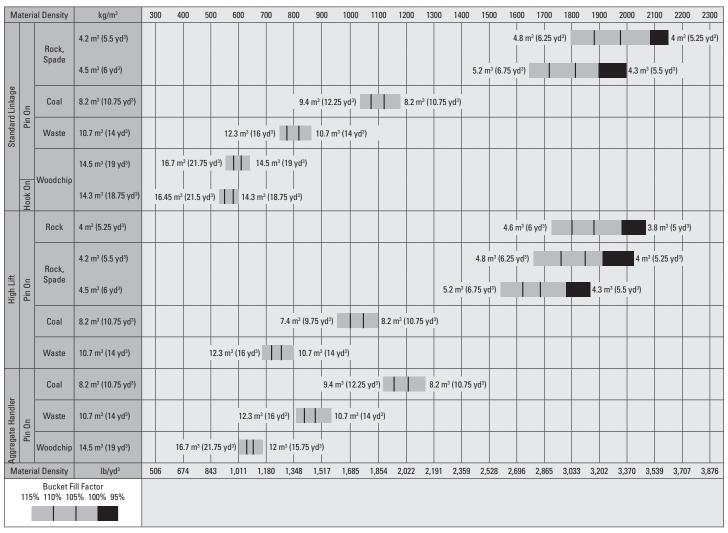
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Rock:	76 mm (3 in) and larger	100	1.6

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

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



Note: All buckets are showing Bolt-On Edges.

Operating Specifications – Buckets

Linkage				Standar	d 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	5.40	5.40	5.00	5.70	5.70	5.30
	yd^3	7.00	7.00	6.50	7.50	7.50	7.00
Capacity – Rated at 110% Fill Factor	m^3	5.90	5.90	5.50	6.30	6.30	5.80
	yd^3	7.75	7.75	7.25	8.25	8.25	7.50
Width	mm	3447	3535	3535	3447	3535	3535
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"
16† Dump Clearance at Maximum Lift	mm	3287	3121	3121	3219	3051	3051
and 45° Discharge	ft/in	10'9"	10'2"	10'2"	10'6"	10'0"	10'0"
17† Reach at Maximum Lift and	mm	1481	1618	1618	1529	1664	1664
45° Discharge	ft/in	4'10"	5'3"	5'3"	5'0"	5'5"	5'5"
Reach at Level Lift Arm and	mm	2966	3177	3177	3050	3261	3261
Bucket Level	ft/in	9'8"	10'5"	10'5"	10'0"	10'8"	10'8"
A† Digging Depth	mm	88	88	53	88	88	53
	in	3.4"	3.4"	2.1"	3.4"	3.4"	2.1"
12† Overall Length	mm	9673	9915	9915	9757	9999	9999
	ft/in	31'9"	32'7"	32'7"	32'1"	32'10"	32'10"
B † Overall Height with Bucket at	mm	6435	6435	6435	6258	6258	6258
Maximum Lift	ft/in	21'2"	21'2"	21'2"	20'7"	20'7"	20'7"
Loader Clearance Circle Radius	mm	7612	7725	7725	7635	7749	7749
with Bucket at Carry Position	ft/in	25'0"	25'5"	25'5"	25'1"	25'6"	25'6"
Static Tipping Load, Straight (ISO)*	kg	22 809	22 623	23 066	22 564	22 377	22 817
	lb	50,271	49,861	50,839	49,732	49,321	50,288
Static Tipping Load, Straight	kg	24 219	24 032	24 493	23 977	23 788	24 245
(Rigid Tire)*	lb	53,380	52,967	53,984	52,845	52,429	53,436
Static Tipping Load,	kg	19 706	19 520	19 936	19 478	19 291	19 703
Articulated (ISO)*	lb	43,432	43,022	43,939	42,931	42,518	43,427
Static Tipping Load, Articulated	kg	20 965	20 777	21 209	20 740	20 552	20 979
(Rigid Tire)*	lb	46,208	45,794	46,745	45,713	45,296	46,239
Breakout Force(§)	kN	227	224	242	214	211	227
w/	1bf	51,008	50,477	54,405	48,132	47,613	51,158
Operating Weight*	kg	30 344	30 482	30 307	30 427	30 565	30 390
	lb	66,877	67,182	66,795	67,060	67,365	66,978

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 Sections 1 thru 5.

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

Linkage				Standard	Linkage		
Bucket Type				General Purp	ose – Pin On		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m ³	6.00	6.00	5.80	6.40	6.40	6.10
	yd³	7.75	7.75	7.50	8.25	8.25	8.00
Capacity - Rated at 110% Fill Factor	m^3	6.60	6.60	6.40	7.00	7.00	6.70
	yd³	8.75	8.75	8.25	9.25	9.25	8.75
Width	mm	3447	3535	3535	3447	3535	3535
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"
16 † Dump Clearance at Maximum Lift	mm	3201	3034	3034	3145	2977	2977
and 45° Discharge	ft/in	10'6"	9'11"	9'11"	10'3"	9'9"	9'9"
17† Reach at Maximum Lift and 45° Discharge	mm	1551	1686	1686	1603	1737	1737
	ft/in	5'1"	5'6"	5'6"	5'3"	5'8"	5'8"
Reach at Level Lift Arm and Bucket Level	mm	3078	3289	3289	3155	3366	3366
	ft/in	10'1"	10'9"	10'9"	10'4"	11'0"	11'0"
A† Digging Depth	mm	88	88	53	88	88	53
	in	3.4"	3.4"	2.1"	3.4"	3.4"	2.1"
12† Overall Length	mm	9785	10 027	10027	9862	10 104	10 104
	ft/in	32'2"	32'11"	32'11"	32'5"	33'2"	33'2"
B † Overall Height with Bucket at Maximum Lift	mm	6284	6284	6284	6604	6604	6604
	ft/in	20'8"	20'8"	20'8"	21'8"	21'8"	21'8"
Loader Clearance Circle Radius with Bucket	mm	7643	7757	7757	7664	7779	7779
at Carry Position	ft/in	25'1"	25'6"	25'6"	25'2"	25'7"	25'7"
Static Tipping Load, Straight (ISO)*	kg	22 424	22 237	22 672	22 253	22 064	22 530
	1b	49,423	49,011	49,970	49,046	48,631	49,657
Static Tipping Load, Straight (Rigid Tire)*	kg	23 839	23 649	24 103	23 676	23 485	23 969
	1b	52,541	52,124	53,123	52,182	51,762	52,829
Static Tipping Load, Articulated (ISO)*	kg	19 343	19 155	19 564	19 183	18 994	19 429
	1b	42,632	42,219	43,119	42,280	41,864	42,822
Static Tipping Load, Articulated (Rigid Tire)*	kg	20 608	20 418	20 843	20 457	20 266	20 717
	lb	45,420	45,002	45,938	45,087	44,667	45,661
Breakout Force(§)	kN	210	207	222	199	197	211
	lbf	47,182	46,666	50,092	44,880	44,374	47,515
Operating Weight*	kg	30 523	30 661	30 486	30 585	30 723	30 548
	1b	67,272	67,577	67,190	67,408	67,713	67,326

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 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		Pin On – Coal	Pin On – Woodchip	Pin On –	Waste	Pin On – Waste, Dozing				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Rubber Edge	Bolt-On Cutting Edges				
Capacity – Rated	m^3	8.20	14.50	10.70	10.70	9.90				
	yd³	10.75	19.00	14.00	14.00	13.00				
Capacity – Rated at 110% Fill Factor	m^3	9.00	16.00	11.80	11.80	10.90				
	yd^3	11.75	21.00	15.50	15.50	14.25				
Width	mm	3638	4434	3882	3882	3882				
	ft/in	11'11"	14'6"	12'8"	12'8"	12'8"				
16† Dump Clearance at Maximum Lift	mm	2931	2739	2834	2755	3067				
and 45° Discharge	ft/in	9'7"	8'11"	9'3"	9'0"	10'0"				
17† Reach at Maximum Lift and	mm	1625	1802	1693	1620	1460				
45° Discharge	ft/in	5'4"	5'10"	5'6"	5'3"	4'9"				
Reach at Level Lift Arm and	mm	3336	3597	3453	3457	3123				
Bucket Level	ft/in	10'11"	11'9"	11'3"	11'4"	10'2"				
A† Digging Depth	mm	93	104	74	74	114				
	in	3.6"	4.1"	2.9"	2.9"	4.5"				
12† Overall Length	mm	10 047	10 317	10 181	10 265	9851				
	ft/in	33'0"	33'11"	33'5"	33'9"	32'4"				
B † Overall Height with Bucket at	mm	6551	7047	6958	6958	7130				
Maximum Lift	ft/in	21'6"	23'2"	22'10"	22'10"	23'5"				
Loader Clearance Circle Radius	mm	7805	8243	7956	7995	7863				
with Bucket at Carry Position	ft/in	25'8"	27'1"	26'2"	26'3"	25'10"				
Static Tipping Load, Straight (ISO)*	kg	21 810	21 013	20 785	20 918	23 001				
	1b	48,069	46,314	45,810	46,103	50,695				
Static Tipping Load, Straight	kg	23 281	22 640	22 296	22 432	24 756				
(Rigid Tire)*	1b	51,313	49,898	49,141	49,441	54,563				
Static Tipping Load,	kg	18 738	17 862	17 728	17 861	19 707				
Articulated (ISO)*	1b	41,300	39,368	39,072	39,366	43,436				
Static Tipping Load, Articulated	kg	20 060	19 328	19 089	19 225	21 287				
(Rigid Tire)*	1b	44,213	42,600	42,073	42,373	46,917				
Breakout Force(§)	kN	177	151	172	170	204				
	lbf	39,906	33,932	38,687	38,377	45,993				
Operating Weight*	kg	30 931	32 192	31 817	31 733	31 581				
-	lb	68,171	70,951	70,124	69,939	69,605				

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§)Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 Sections 1 thru 5.

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

Linkage					Sta	ndard Link	age			
Bucket Type		Fla	t Floor – Pir	ı On	Flat Floor – Pin On – HD BGE	Flat Floor – Pin On – BGE			r – Pin On Material	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Flush Mounted Tips	Flush Mounted Tips	Bolt-On Cutting Edges (Steel)	Bolt-On Cutting Edges (Rubber)	Bolt-On Cutting Edges (Steel)	Bolt-On Cutting Edges (Rubber)
Capacity – Rated	m^3	5.70	5.70	5.50	5.60	5.70	9.90	9.90	10.70	10.70
	yd³	7.50	7.50	7.25	7.25	7.50	13.00	13.00	14.00	14.00
Capacity - Rated at 110% Fill Factor	m^3	6.30	6.30	6.10	6.20	6.30	10.90	10.90	11.80	11.80
	yd^3	8.25	8.25	8.00	8.00	8.25	14.25	14.25	15.50	15.50
Width	mm	3447	3535	3535	3580	3580	3882	3882	3882	3882
	ft/in	11'3"	11'7"	11'7"	11'8"	11'8"	12'8"	12'8"	12'8"	12'8"
16† Dump Clearance at Maximum Lift	mm	3120	2943	2943	3216	2976	3067	2989	2834	2755
and 45° Discharge	ft/in	10'2"	9'7"	9'7"	10'6"	9'9"	10'0"	9'9"	9'3"	9'0"
17† Reach at Maximum Lift and	mm	1444	1566	1566	1389	1627	1460	1387	1693	1620
45° Discharge	ft/in	4'8"	5'1"	5'1"	4'6"	5'4"	4'9"	4'6"	5'6"	5'3"
Reach at Level Lift Arm and	mm	3075	3286	3286	2968	3306	3123	3127	3453	3457
Bucket Level	ft/in	10'1"	10'9"	10'9"	9'8"	10'10"	10'2"	10'3"	11'3"	11'4"
A† Digging Depth	mm	88	88	53	59	59	74	74	74	74
	in	3.4"	3.4"	2.1"	2.3"	2.3"	2.9"	2.9"	2.9"	2.9"
12† Overall Length	mm	9782	10 024	10 024	9652	9991	9851	9935	10 181	10 265
	ft/in	32'2"	32'11"	32'11"	31'8"	32'10"	32'4"	32'8"	33'5"	33'9"
B † Overall Height with Bucket at	mm	6257	6257	6257	6500	6493	7169	7169	6946	6946
Maximum Lift	ft/in	20'7"	20'7"	20'7"	21'4"	21'4"	23'7"	23'7"	22'10"	22'10"
Loader Clearance Circle Radius	mm	7642	7756	7756	7662	7757	7863	7904	7956	7995
with Bucket at Carry Position	ft/in	25'1"	25'6"	25'6"	25'2"	25'6"	25'10"	25'12"	26'2"	26'3"
Static Tipping Load, Straight (ISO)*	kg	22 062	21 878	22 298	21 379	21 422	23 032	23 164	20 900	21 030
	1b	48,626	48,220	49,146	47,120	47,215	50,762	51,054	46,065	46,350
Static Tipping Load, Straight	kg	23 432	23 246	23 682	22 749	22 792	24 808	24 944	22 413	22 545
(Rigid Tire)*	1b	51,644	51,234	52,195	50,139	50,234	54,677	54,978	49,398	49,689
Static Tipping Load,	kg	19 030	18 846	19 241	18 321	18 365	19 728	19 860	17 843	17 972
Articulated (ISO)*	lb	41,943	41,536	42,407	40,380	40,476	43,481	43,773	39,327	39,612
Static Tipping Load, Articulated	kg	20 254	20 068	20 477	19 543	19 586	21 330	21 466	19 206	19 338
(Rigid Tire)*	lb	44,640	44,230	45,132	43,074	43,169	47,011	47,312	42,330	42,622
Breakout Force(§)	kN	210	208	223	222	222	213	211	172	171
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	lbf	47,288	46,772	50,212	50,021	50,063	47,906	47,479	38,805	38,491
Operating Weight*	kg	30 552	30 690	30 515	31 363	31 311	31 478	31 396	31 706	31 623
- r	lb	67,336	67,641	67,254	69,123	69,010	69,377	69,196	69,879	69,696
	10	01,330	07,071	01,23 -T	: 07,123	: 07,010	: 07,511	07,170	: 0,01)	0,000

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 Sections 1 thru 5.

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

Linkage				Standar	d Linkage			
Bucket Type			Rock, Spade	*** – Pin On		Rock, Spade HD*** – Pin On		
Edge Type		Tips	Teeth and Segments	Tips	Teeth and Segments	Tips	Teeth and Segments	
Capacity – Rated	m³	4.20	4.40	4.50	4.70	4.20	4.30	
	yd³	5.50	5.75	6.00	6.25	5.50	5.50	
Capacity – Rated at 110% Fill Factor	m^3	4.60	4.80	5.00	5.20	4.60	4.70	
	yd^3	6.00	6.25	6.50	6.75	6.00	6.25	
Width	mm	3524	3524	3524	3524	3546	3546	
	ft/in	11'6"	11'6"	11'6"	11'6"	11'7"	11'7"	
16† Dump Clearance at Maximum Lift	mm	3132	3132	3133	3133	3223	3223	
and 45° Discharge	ft/in	10'3"	10'3"	10'3"	10'3"	10'6"	10'6"	
17† Reach at Maximum Lift and	mm	1768	1768	1767	1767	1724	1724	
45° Discharge	ft/in	5'9"	5'9"	5'9"	5'9"	5'7"	5'7"	
Reach at Level Lift Arm and	mm	3279	3279	3278	3278	3184	3184	
Bucket Level	ft/in	10'9"	10'9"	10'9"	10'9"	10'5"	10'5"	
A† Digging Depth	mm	48	83	48	83	40	75	
	in	1.9"	3.2"	1.9"	3.2"	1.5"	2.9"	
12† Overall Length	mm	9992	9992	9991	9991	9894	9894	
	ft/in	32'10"	32'10"	32'10"	32'10"	32'6"	32'6"	
B † Overall Height with Bucket at	mm	6202	6202	6193	6193	6415	6415	
Maximum Lift	ft/in	20'5"	20'5"	20'4"	20'4"	21'1"	21'1"	
Loader Clearance Circle Radius	mm	7740	7740	7739	7739	7721	7721	
with Bucket at Carry Position	ft/in	25'5"	25'5"	25'5"	25'5"	25'4"	25'4"	
Static Tipping Load, Straight (ISO)*	kg	23 913	23 435	23 543	23 050	23 696	23 246	
	lb	52,705	51,651	51,890	50,804	52,226	51,235	
Static Tipping Load, Straight	kg	25 353	24 871	24 986	24 489	25 210	24 750	
(Rigid Tire)*	lb	55,879	54,817	55,070	53,974	55,564	54,550	
Static Tipping Load,	kg	20 702	20 232	20 347	19 866	20 430	19 986	
Articulated (ISO)*	lb	45,628	44,593	44,846	43,784	45,027	44,050	
Static Tipping Load, Articulated	kg	21 985	21 513	21 635	21 149	21 781	21 328	
(Rigid Tire)*	lb	48,456	47,415	47,683	46,613	48,006	47,007	
Breakout Force(§)	kN	230	213	229	212	248	228	
~	lbf	51,746	47,885	51,543	47,693	55,815	51,417	
Operating Weight*	kg	30 729	31 030	31 025	31 327	31 266	31 567	
	lb	67,725	68,390	68,378	69,043	68,909	69,574	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 Sections 1 thru 5.

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

Linkage				St	andard Linka	ige		
Bucket Type			Hook	On – Fusion™	™ – General P	urpose		Hook On – Fusion – Woodchip
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges
Capacity – Rated	m ³	5.40	5.40	5.00	5.70	5.70	5.30	14.50
	yd^3	7.00	7.00	6.50	7.50	7.50	7.00	19.00
Capacity – Rated at 110% Fill Factor	m ³	5.90	5.90	5.50	6.30	6.30	5.80	16.00
	yd^3	7.75	7.75	7.25	8.25	8.25	7.50	21.00
Width	mm	3447	3535	3535	3447	3535	3535	4433.4
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"	14'6"
16† Dump Clearance at Maximum Lift	mm	3183	3017	3017	3117	2950	2950	2668
and 45° Discharge	ft/in	10'5"	9'10"	9'10"	10'2"	9'8"	9'8"	8'9"
17† Reach at Maximum Lift and	mm	1588	1724	1724	1640	1775	1775	1915
45° Discharge	ft/in	5'2"	5'7"	5'7"	5'4"	5'9"	5'9"	6'3"
Reach at Level Lift Arm and	mm	3116	3327	3327	3200	3411	3411	3727
Bucket Level	ft/in	10'2"	10'11"	10'11"	10'6"	11'2"	11'2"	12'2"
A† Digging Depth	mm	93	93	58	93	93	58	75
	in	3.6"	3.6"	2.3"	3.6"	3.6"	2.3"	2.9"
12† Overall Length	mm	9827	10 069	10 069	9911	10 153	10 153	10 423
	ft/in	32'3"	33'1"	33'1"	32'7"	33'4"	33'4"	34'3"
B † Overall Height with Bucket at	mm	6532	6532	6532	6599	6599	6599	7172
Maximum Lift	ft/in	21'6"	21'6"	21'6"	21'8"	21'8"	21'8"	23'7"
Loader Clearance Circle Radius	mm	7694	7817	7817	7721	7845	7845	8395
with Bucket at Carry Position	ft/in	25'3"	25'8"	25'8"	25'4"	25'9"	25'9"	27'7"
Static Tipping Load, Straight (ISO)*	kg	21 361	21 177	21 611	21 136	20 950	21 367	18 903
	lb	47,080	46,674	47,631	46,584	46,175	47,094	41,662
Static Tipping Load, Straight	kg	22 728	22 542	22 996	22 511	22 324	22 757	20 315
(Rigid Tire)*	lb	50,092	49,682	50,685	49,615	49,202	50,157	44,774
Static Tipping Load,	kg	18 354	18 169	18 575	18 140	17 954	18 346	15 989
Articulated (ISO)*	lb	40,452	40,046	40,941	39,981	39,572	40,436	35,240
Static Tipping Load, Articulated	kg	19 576	19 390	19 815	19 372	19 185	19 591	17 262
(Rigid Tire)*	lb	43,147	42,737	43,673	42,697	42,284	43,179	38,046
Breakout Force(§)	kN	203	201	216	193	190	204	141
	1bf	45,829	45,315	48,584	43,399	42,894	45,873	31,880
Operating Weight*	kg	31 086	31 224	31 049	31 196	31 334	31 159	32 572
	lb	68,513	68,817	68,431	68,755	69,060	68,673	71,789

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 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	ge High Lift 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	5.40	5.40	5.00	5.70	5.70	5.30	
	yd³	7.00	7.00	6.50	7.50	7.50	7.00	
Capacity – Rated at 110% Fill Factor	m^3	5.90	5.90	5.50	6.30	6.30	5.80	
	yd^3	7.75	7.75	7.25	8.25	8.25	7.50	
Width	mm	3447	3535	3535	3447	3535	3535	
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"	
16† Dump Clearance at Maximum Lift	mm	3508	3342	3342	3439	3272	3272	
and 45° Discharge	ft/in	11'6"	10'11"	10'11"	11'3"	10'8"	10'8"	
17† Reach at Maximum Lift and	mm	1484	1621	1621	1532	1667	1667	
45° Discharge	ft/in	4'10"	5'3"	5'3"	5'0"	5'5"	5'5"	
Reach at Level Lift Arm and	mm	3126	3337	3337	3210	3421	3421	
Bucket Level	ft/in	10'3"	10'11"	10'11"	10'6"	11'2"	11'2"	
A† Digging Depth	mm	86	86	51	86	86	51	
	in	3.4"	3.4"	2"	3.4"	3.4"	2"	
12† Overall Length	mm	9875	10 114	10 114	9959	10 198	10 198	
	ft/in	32'5"	33'3"	33'3"	32'9"	33'6"	33'6"	
B † Overall Height with Bucket at	mm	6656	6656	6656	6478	6478	6478	
Maximum Lift	ft/in	21'11"	21'11"	21'11"	21'4"	21'4"	21'4"	
Loader Clearance Circle Radius	mm	8114	8226	8226	8137	8250	8250	
with Bucket at Carry Position	ft/in	26'8"	27'0"	27'0"	26'9"	27'1"	27'1"	
Static Tipping Load, Straight (ISO)*	kg	20 833	20 650	21 063	20 603	20 419	20 828	
	lb	45,917	45,513	46,424	45,410	45,004	45,906	
Static Tipping Load, Straight	kg	22 033	21 849	22 276	21 805	21 619	22 043	
(Rigid Tire)*	lb	48,562	48,156	49,098	48,058	47,649	48,583	
Static Tipping Load,	kg	18 354	18 171	18 563	18 137	17 953	18 342	
Articulated (ISO)*	lb	40,453	40,049	40,914	39,975	39,569	40,426	
Static Tipping Load, Articulated	kg	19 430	19 245	19 650	19 215	19 029	19 431	
(Rigid Tire)*	lb	42,823	42,416	43,309	42,351	41,941	42,826	
Breakout Force(§)	kN	230	228	245	217	215	231	
	lbf	51,775	51,273	55,258	48,860	48,369	51,964	
Operating Weight*	kg	30 477	30 616	30 440	30 560	30 699	30 523	
	lb	67,171	67,476	67,089	67,354	67,659	67,272	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 Sections 1 thru 5.

Linkage		High Lift 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	6.00	6.00	5.80	6.40	6.40	6.10			
	yd^3	7.75	7.75	7.50	8.25	8.25	8.00			
Capacity - Rated at 110% Fill Factor	m^3	6.60	6.60	6.40	7.00	7.00	6.70			
	yd^3	8.75	8.75	8.25	9.25	9.25	8.75			
Width	mm	3447	3535	3535	3447	3535	3535			
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"			
16† Dump Clearance at Maximum Lift	mm	3421	3254	3254	3366	3198	3198			
and 45° Discharge	ft/in	11'2"	10'8"	10'8"	11'0"	10'5"	10'5"			
17† Reach at Maximum Lift and	mm	1554	1688	1688	1606	1740	1740			
45° Discharge	ft/in	5'1"	5'6"	5'6"	5'3"	5'8"	5'8"			
Reach at Level Lift Arm and	mm	3238	3449	3449	3315	3526	3526			
Bucket Level	ft/in	10'7"	11'3"	11'3"	10'10"	11'6"	11'6"			
A† Digging Depth	mm	86	86	51	86	86	51			
	in	3.4"	3.4"	2"	3.4"	3.4"	2"			
12† Overall Length	mm	9987	10 226	10 226	10 064	10 303	10 303			
	ft/in	32'10"	33'7"	33'7"	33'1"	33'10"	33'10"			
B † Overall Height with Bucket at	mm	6504	6504	6504	6824	6824	6824			
Maximum Lift	ft/in	21'5"	21'5"	21'5"	22'5"	22'5"	22'5"			
Loader Clearance Circle Radius	mm	8144	8258	8258	8166	8279	8279			
with Bucket at Carry Position	ft/in	26'9"	27'2"	27'2"	26'10"	27'2"	27'2"			
Static Tipping Load, Straight (ISO)*	kg	20 466	20 282	20 688	20 302	20 117	20 550			
	1b	45,108	44,702	45,596	44,747	44,338	45,293			
Static Tipping Load, Straight	kg	21 669	21 483	21 904	21 512	21 324	21 773			
(Rigid Tire)*	1b	47,760	47,350	48,276	47,413	47,000	47,988			
Static Tipping Load,	kg	18 004	17 820	18 205	17 850	17 664	18 074			
Articulated (ISO)*	1b	39,682	39,275	40,125	39,342	38,932	39,835			
Static Tipping Load, Articulated	kg	19 084	18 898	19 296	18 937	18 749	19 172			
(Rigid Tire)*	1b	42,062	41,651	42,530	41,737	41,323	42,255			
Breakout Force(§)	kN	213	211	226	202	200	214			
	1bf	47,897	47,409	50,884	45,564	45,084	48,270			
Operating Weight*	kg	30 656	30 795	30 619	30 718	30 857	30 681			
	lb	67,566	67,871	67,484	67,703	68,007	67,621			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 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		Ge	neral Purpose – Pin On – Abrasion	l				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips				
Capacity – Rated	m ³	6.00	6.00	5.70				
	yd^3	7.75	7.75	7.50				
Capacity – Rated at 110% Fill Factor	m^3	6.60	6.60	6.30				
	yd^3	8.75	8.75	8.25				
Width	mm	3447	3546	3546				
	ft/in	11'3"	11'7"	11'7"				
16† Dump Clearance at Maximum Lift	mm	3422	3258	3258				
and 45° Discharge	ft/in	11'2"	10'8"	10'8"				
17† Reach at Maximum Lift and	mm	1553	1688	1688				
45° Discharge	ft/in	5'1"	5'6"	5'6"				
Reach at Level Lift Arm and	mm	3237	3446	3446				
Bucket Level	ft/in	10'7"	11'3"	11'3"				
A† Digging Depth	mm	86	86	51				
	in	3.4"	3.4"	2"				
12† Overall Length	mm	9986	10 221	10 221				
	ft/in	32'10"	33'7"	33'7"				
B † Overall Height with Bucket at	mm	6744	6744	6744				
Maximum Lift	ft/in	22'2"	22'2"	22'2"				
Loader Clearance Circle Radius	mm	8144	8261	8261				
with Bucket at Carry Position	ft/in	26'9"	27' 2"	27'2"				
Static Tipping Load, Straight (ISO)*	kg	20 403	20 245	20 663				
	1b	44,968	44,621	45,541				
Static Tipping Load, Straight	kg	21 598	21 439	21 872				
(Rigid Tire)*	1b	47,604	47,253	48,206				
Static Tipping Load,	kg	17 949	17 791	18 187				
Articulated (ISO)*	lb	39,560	39,212	40,086				
Static Tipping Load, Articulated	kg	19 022	18 862	19 272				
(Rigid Tire)*	lb	41,924	41,573	42,476				
Breakout Force(§)	kN	213	211	226				
	lbf	47,914	47,479	50,911				
Operating Weight*	kg	30 655	30 773	30 593				
	lb	67,563	67,822	67,427				

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§)Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 Sections 1 thru 5.

Linkage			High Lift Linkage								
Bucket Type		Pin	On – Flat F	loor	Pin On – Flat Floor HD BGE	Pin On – Flat Floor BGE		Pin On –	Flat Floor		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Flush Mounted Tips	Flush Mounted Tips	Bolt-On Cutting Edges (Steel)	Bolt-On Cutting Edges (Rubber)	Bolt-On Cutting Edges (Steel)	Bolt-On Cutting Edges (Rubber)	
Capacity – Rated	m^3	5.70	5.70	5.50	5.60	5.70	9.94	9.94	10.70	10.70	
	yd³	7.50	7.50	7.25	7.25	7.50	13.00	13.00	14.00	14.00	
Capacity – Rated at 110% Fill Factor	m³	6.30	6.30	6.10	6.20	6.30	10.90	10.90	11.80	11.80	
	yd^3	8.25	8.25	8.00	8.00	8.25	14.25	14.25	15.50	15.50	
Width	mm	3447	3535	3535	3580	3580	3882	3882	3882	3882	
	ft/in	11'3"	11'7"	11'7"	11'8"	11'8"	12'8"	12'8"	12'8"	12'8"	
16 † Dump Clearance at Maximum Lift	mm	3340	3163	3163	3436	3196	3288	3209	3054	2976	
and 45° Discharge	ft/in	10'11"	10'4"	10'4"	11'3"	10'5"	10'9"	10'6"	10'0"	9'9"	
17† Reach at Maximum Lift and	mm	1447	1569	1569	1392	1630	1463	1390	1696	1623	
45° Discharge	ft/in	4'8"	5'1"	5'1"	4'6"	5'4"	4'9"	4'6"	5'6"	5'3"	
Reach at Level Lift Arm and	mm	3235	3446	3446	3128	3466	3283	3287	3613	3617	
Bucket Level	ft/in	10'7"	11'3"	11'3"	10'3"	11'4"	10'9"	10'9"	11'10"	11'10"	
A† Digging Depth	mm	86	86	51	57	57	72	72	72	72	
	in	3.4"	3.4"	2"	2.2"	2.2"	2.8"	2.8"	2.8"	2.8"	
12† Overall Length	mm	9984	10 223	10 223	9855	10 194	10 051	10 129	10 381	10 459	
· ·	ft/in	32'10"	33'7"	33'7"	32'4"	33'6"	33'0"	33'3"	34'1"	34'4"	
B † Overall Height with Bucket at	mm	6477	6477	6477	6721	6714	7389	7389	7167	7167	
Maximum Lift	ft/in	21'3"	21'3"	21'3"	22'1"	22'1"	24'3"	24'3"	23'7"	23'7"	
Loader Clearance Circle Radius	mm	8143	8257	8257	8164	8259	8364	8404	8456	8494	
with Bucket at Carry Position	ft/in	26'9"	27'2"	27'2"	26'10"	27'2"	27'6"	27'7"	27'9"	27'11"	
Static Tipping Load, Straight (ISO)*	kg	20 155	19 973	20 366	19 456	19 500	20 794	20 923	18 938	19 065	
	1b	44,423	44,022	44,888	42,882	42,979	45,831	46,114	41,741	42,020	
Static Tipping Load, Straight	kg	21 323	21 140	21 546	20 623	20 666	22 274	22 406	20 216	20 345	
(Rigid Tire)*	lb	46,996	46,592	47,487	45,453	45,549	49,093	49,384	44,556	44,840	
Static Tipping Load,	kg	17 730	17 548	17 922	17 011	17 055	18 173	18 302	16 501	16 627	
Articulated (ISO)*	lb	39,077	38,677	39,501	37,494	37,590	40,055	40,338	36,368	36,647	
Static Tipping Load, Articulated	kg	18 777	18 594	18 979	18 056	18 099	19 514	19 646	17 656	17 784	
(Rigid Tire)*	lb	41,386	40,982	41,831	39,796	39,891	43,009	43,301	38,914	39,198	
Breakout Force(§)	kN	213	211	227	225	226	216	215	175	174	
w/	1bf	48,005	47,516	51,005	50,767	50,810	48,670	48,327	39,438	39,194	
Operating Weight*	kg	30 685	30 824	30 648	31 496	31 445	31 611	31 529	31 839	31 756	
	lb	67,630	67,935	67,548	69,418	69,304	69,671	69,490	70,174	69,991	
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^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 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		Pin On – Coal	Pin On – Woodchip	Pin On –	Waste	Pin On – Waste, Dozing	Pin On – Rock HD***				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Rubber Edge	Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m^3	8.20	14.50	10.70	10.70	9.90	4.00				
	yd³	10.75	19.00	14.00	14.00	13.00	5.25				
Capacity - Rated at 110% Fill Factor	m^3	9.00	16.00	11.80	11.80	10.90	4.40				
	yd^3	11.75	21.00	15.50	15.50	14.25	5.75				
Width	mm	3638	4434	3882	3882	3882	3405				
	ft/in	11'11"	14'6"	12'8"	12'8"	12'8"	11'2"				
16† Dump Clearance at Maximum Lift	mm	3152	2960	3054	2976	3288	3710				
and 45° Discharge	ft/in	10'4"	9'8"	10'0"	9'9"	10'9"	12'2"				
17† Reach at Maximum Lift and	mm	1628	1805	1696	1623	1463	1224				
45° Discharge	ft/in	5'4"	5'11"	5'6"	5'3"	4'9"	4'0"				
Reach at Level Lift Arm and	mm	3496	3757	3613	3617	3283	2798				
Bucket Level	ft/in	11'5"	12'3"	11'10"	11'10"	10'9"	9'2"				
A† Digging Depth	mm	91	102	72	72	112	107				
	in	3.6"	4"	2.8"	2.8"	4.4"	4.2"				
12† Overall Length	mm	10 248	10 517	10 381	10 459	10 051	9562				
	ft/in	33'8"	34'7"	34'1"	34'4"	33'0"	31'5"				
B † Overall Height with Bucket at	mm	6771	7267	7179	7179	7351	6156				
Maximum Lift	ft/in	22'3"	23'11"	23'7"	23'7"	24'2"	20'3"				
Loader Clearance Circle Radius	mm	8305	8742	8456	8494	8364	8018				
with Bucket at Carry Position	ft/in	27'3"	28'9"	27'9"	27'11"	27'6"	26'4"				
Static Tipping Load, Straight (ISO)*	kg	19 848	18 950	18 824	18 954	20 772	21 333				
	lb	43,745	41,766	41,488	41,774	45,782	47,019				
Static Tipping Load, Straight	kg	21 095	20 313	20 100	20 232	22 234	22 514				
(Rigid Tire)*	lb	46,494	44,770	44,301	44,593	49,005	49,622				
Static Tipping Load,	kg	17 397	16 443	16 386	16 516	18 159	18 799				
Articulated (ISO)*	lb	38,343	36,242	36,116	36,402	40,022	41,433				
Static Tipping Load, Articulated	kg	18 521	17 677	17 540	17 672	19 481	19 852				
(Rigid Tire)*	lb	40,820	38,961	38,658	38,950	42,936	43,755				
Breakout Force(§)	kN	180	153	175	173	207	295				
	lbf	40,529	34,486	39,320	39,080	46,707	66,366				
Operating Weight*	kg	31 064	32 325	31 950	31 866	31 715	31 130				
- F	lb	68,465	71,245	70,418	70,233	69,899	68,610				

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 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			Pin On – Roo	ck, Spade***		Pin On – Roc	k, Spade HD***			
Edge Type		Tips	Teeth and Segments	Tips	Teeth and Segments	Tips	Teeth and Segments			
Capacity – Rated	m ³	4.20	4.40	4.50	4.70	4.20	4.30			
	yd^3	5.50	5.75	6.00	6.25	5.50	5.50			
Capacity – Rated at 110% Fill Factor	m^3	4.60	4.80	5.00	5.20	4.60	4.70			
	yd^3	6.00	6.25	6.50	6.75	6.00	6.25			
Width	mm	3524	3524	3524	3524	3546	3546			
	ft/in	11'6"	11'6"	11'6"	11'6"	11'7"	11'7"			
16† Dump Clearance at Maximum Lift	mm	3353	3353	3354	3354	3443	3443			
and 45° Discharge	ft/in	11'0"	11'0"	11'0"	11'0"	11'3"	11'3"			
17† Reach at Maximum Lift and	mm	1770	1770	1770	1770	1727	1727			
45° Discharge	ft/in	5'9"	5'9"	5'9"	5'9"	5'8"	5'8"			
Reach at Level Lift Arm and	mm	3439	3439	3438	3438	3344	3344			
Bucket Level	ft/in	11'3"	11'3"	11'3"	11'3"	10'11"	10'11"			
A† Digging Depth	mm	46	81	46	81	38	73			
	in	1.8"	3.2"	1.8"	3.2"	1.5"	2.8"			
12† Overall Length	mm	10 194	10 194	10 192	10 192	10 095	10 095			
	ft/in	33'6"	33'6"	33'6"	33'6"	33'2"	33'2"			
B † Overall Height with Bucket at	mm	6422	6422	6414	6414	6636	6636			
Maximum Lift	ft/in	21'1"	21'1"	21'1"	21'1"	21'10"	21'10"			
Loader Clearance Circle Radius	mm	8240	8240	8240	8240	8222	8222			
with Bucket at Carry Position	ft/in	27'1"	27'1"	27'1"	27'1"	27'0"	27'0"			
Static Tipping Load, Straight (ISO)*	kg	21 867	21 403	21 507	21 030	21 589	21 153			
	lb	48,196	47,172	47,402	46,351	47,582	46,621			
Static Tipping Load, Straight	kg	23 094	22 626	22 736	22 254	22 872	22 427			
(Rigid Tire)*	lb	50,899	49,867	50,110	49,049	50,410	49,429			
Static Tipping Load,	kg	19 302	18 844	18 953	18 485	18 984	18 552			
Articulated (ISO)*	1b	42,542	41,533	41,774	40,741	41,840	40,890			
Static Tipping Load, Articulated	kg	20 399	19 938	20 053	19 581	20 133	19 693			
(Rigid Tire)*	lb	44,959	43,944	44,198	43,158	44,374	43,404			
Breakout Force(§)	kN	233	216	232	215	252	232			
	lbf	52,526	48,615	52,323	48,423	56,658	52,202			
Operating Weight*	kg	30 862	31 164	31 158	31 460	31 399	31 701			
	lb	68,020	68,685	68,673	69,337	69,203	69,868			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

[†] Illustration shown with Dimension charts.

^{***}Rock bucket specifications are given on Bridgestone 29.5R25 VSDT L5 Radial tires.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) Compliance to ISO14397-1:2007 Sections 1 thru 5.

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

Linkage		Aggregate Handler 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	5.40	5.40	5.00	5.70	5.70	5.30			
	yd^3	7.00	7.00	6.50	7.50	7.50	7.00			
Capacity - Rated at 110% Fill Factor	m^3	5.90	5.90	5.50	6.30	6.30	5.80			
	yd^3	7.75	7.75	7.25	8.25	8.25	7.50			
Width	mm	3447	3535	3535	3447	3535	3535			
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"			
16† Dump Clearance at Maximum Lift	mm	3287	3121	3121	3219	3051	3051			
and 45° Discharge	ft/in	10'9"	10'2"	10'2"	10'6"	10'0"	10'0"			
17† Reach at Maximum Lift and	mm	1481	1618	1618	1529	1664	1664			
45° Discharge	ft/in	4'10"	5'3"	5'3"	5'0"	5'5"	5'5"			
Reach at Level Lift Arm and	mm	2966	3177	3177	3050	3261	3261			
Bucket Level	ft/in	9'8"	10'5"	10'5"	10'0"	10'8"	10'8"			
A† Digging Depth	mm	88	88	53	88	88	53			
	in	3.4"	3.4"	2.1"	3.4"	3.4"	2.1"			
12† Overall Length	mm	9677	9919	9919	9761	10 003	10 003			
	ft/in	31'9"	32'7"	32'7"	32'1"	32'10"	32'10"			
B † Overall Height with Bucket at	mm	6435	6435	6435	6258	6258	6258			
Maximum Lift	ft/in	21'2"	21'2"	21'2"	20'7"	20'7"	20'7"			
Loader Clearance Circle Radius	mm	7612	7725	7725	7635	7749	7749			
with Bucket at Carry Position	ft/in	25'0"	25'5"	25'5"	25'1"	25'6"	25'6"			
Static Tipping Load, Straight (ISO)*	kg	24 404	24 218	24 676	24 149	23 963	24 416			
	lb	53,786	53,377	54,386	53,226	52,814	53,812			
Static Tipping Load, Straight	kg	25 939	25 752	26 229	25 687	25 498	25 971			
(Rigid Tire)*	lb	57,171	56,758	57,809	56,615	56,199	57,240			
Static Tipping Load,	kg	21 012	20 826	21 254	20 776	20 589	21 013			
Articulated (ISO)*	1b	46,312	45,902	46,845	45,792	45,380	46,313			
Static Tipping Load, Articulated	kg	22 406	22 218	22 663	22 173	21 984	22 425			
(Rigid Tire)*	1b	49,383	48,969	49,949	48,870	48,454	49,425			
Breakout Force(§)	kN	227	224	242	214	211	227			
	lbf	51,008	50,477	54,405	48,132	47,613	51,158			
Operating Weight*	kg	30 985	31 123	30 948	31 068	31 206	31 031			
	1b	68,290	68,595	68,208	68,473	68,778	68,391			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, aggregate counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

[†] Illustration shown with Dimension charts.

^(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) 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		Aggregate Handler 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	6.00	6.00	5.80	6.40	6.40	6.10			
	yd^3	7.75	7.75	7.50	8.25	8.25	8.00			
Capacity – Rated at 110% Fill Factor	m ³	6.60	6.60	6.40	7.00	7.00	6.70			
	yd^3	8.75	8.75	8.25	9.25	9.25	8.75			
Width	mm	3447	3535	3535	3447	3535	3535			
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"			
16† Dump Clearance at Maximum Lift	mm	3201	3034	3034	3145	2977	2977			
and 45° Discharge	ft/in	10'6"	9'11"	9'11"	10'3"	9'9"	9'9"			
17† Reach at Maximum Lift and	mm	1551	1686	1686	1603	1737	1737			
45° Discharge	ft/in	5'1"	5'6"	5'6"	5'3"	5'8"	5'8"			
Reach at Level Lift Arm and	mm	3078	3289	3289	3155	3366	3366			
Bucket Level	ft/in	10'1"	10'9"	10'9"	10'4"	11'0"	11'0"			
A† Digging Depth	mm	88	88	53	88	88	53			
	in	3.4"	3.4"	2.1"	3.4"	3.4"	2.1"			
12† Overall Length	mm	9789	10 031	10 031	9866	10 108	10 108			
	ft/in	32'2"	32'11"	32'11"	32'5"	33'2"	33'2"			
B † Overall Height with Bucket at	mm	6284	6284	6284	6604	6604	6604			
Maximum Lift	ft/in	20'8"	20'8"	20'8"	21'8"	21'8"	21'8"			
Loader Clearance Circle Radius	mm	7643	7757	7757	7664	7779	7779			
with Bucket at Carry Position	ft/in	25'1"	25'6"	25'6"	25'2"	25'7"	25'7"			
Static Tipping Load, Straight (ISO)*	kg	24 006	23 819	24 268	23 828	23 639	24 121			
	1b	52,910	52,498	53,487	52,517	52,102	53,163			
Static Tipping Load, Straight	kg	25 547	25 357	25 826	25 377	25 186	25 688			
(Rigid Tire)*	1b	56,305	55,888	56,920	55,932	55,512	56,618			
Static Tipping Load,	kg	20 638	20 451	20 871	20 472	20 283	20 732			
Articulated (ISO)*	lb	45,488	45,074	46,000	45,121	44,705	45,693			
Static Tipping Load, Articulated	kg	22 038	21 849	22 286	21 882	21 691	22 157			
(Rigid Tire)*	lb	48,572	48,155	49,118	48,228	47,807	48,834			
Breakout Force(§)	kN	210	207	222	199	197	211			
	lbf	47,182	46,666	50,092	44,880	44,374	47,515			
Operating Weight*	kg	31 164	31 302	31 127	31 226	31 364	31 189			
	1b	68,685	68,990	68,603	68,822	69,126	68,740			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, aggregate counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

[†] Illustration shown with Dimension charts.

^(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) 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		Aggregate Handler Linkage									
Bucket Type		Pin	on – Flat F	loor	Pin On – Flat Floor HD BGE	Pin On – Flat Floor BGE		Pin On – Flat Floor			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Flush Mounted Tips	Flush Mounted Tips	Bolt-On Cutting Edges (Steel)	Bolt-On Cutting Edges (Rubber)	Bolt-On Cutting Edges (Steel)	Bolt-On Cutting Edges (Rubber)	
Capacity – Rated	m^3	5.70	5.70	5.50	5.60	5.70	9.90	9.90	10.70	10.70	
	yd³	7.50	7.50	7.25	7.25	7.50	13.00	13.00	14.00	14.00	
Capacity – Rated at 110% Fill Factor	m ³	6.30	6.30	6.10	6.20	6.30	10.90	10.90	11.80	11.80	
	yd³	8.25	8.25	8.00	8.00	8.25	14.25	14.25	15.50	15.50	
Width	mm	3447	3535	3535	3580	3580	3882	3882	3882	3882	
	ft/in	11'3"	11'7"	11'7"	11'8"	11'8"	12'8"	12'8"	12'8"	12'8"	
16 † Dump Clearance at Maximum Lift	mm	3120	2943	2943	3216	2976	3067	2989	2834	2755	
and 45° Discharge	ft/in	10'2"	9'7"	9'7"	10'6"	9'9"	10'0"	9'9"	9'3"	9'0"	
17† Reach at Maximum Lift and	mm	1444	1566	1566	1389	1627	1460	1387	1693	1620	
45° Discharge	ft/in	4'8"	5'1"	5'1"	4'6"	5'4"	4'9"	4'6"	5'6"	5'3"	
Reach at Level Lift Arm and	mm	3075	3286	3286	2968	3306	3123	3127	3453	3457	
Bucket Level	ft/in	10'1"	10'9"	10'9"	9'8"	10'10"	10'2"	10'3"	11'3"	11'4"	
A† Digging Depth	mm	88	88	53	59	59	74	74	74	74	
	in	3.4"	3.4"	2.1"	2.3"	2.3"	2.9"	2.9"	2.9"	2.9"	
12† Overall Length	mm	9786	10 028	10 028	9656	9995	9854	9939	10 184	10 269	
	ft/in	32'2"	32'11"	32'11"	31'9"	32'10"	32'4"	32'8"	33'5"	33'9"	
B † Overall Height with Bucket at	mm	6257	6257	6257	6500	6493	7169	7169	6946	6946	
Maximum Lift	ft/in	20'7"	20'7"	20'7"	21'4"	21'4"	23'7"	23'7"	22'10"	22'10"	
Loader Clearance Circle Radius	mm	7642	7756	7756	7662	7757	7863	7904	7956	7995	
with Bucket at Carry Position	ft/in	25'1"	25'6"	25'6"	25'2"	25'6"	25'10"	26'0"	26'2"	26'3"	
Static Tipping Load, Straight (ISO)*	kg	23 621	23 437	23 870	22 951	22 995	24 706	24 839	22 458	22 587	
	1b	52,061	51,655	52,609	50,585	50,681	54,453	54,745	49,498	49,782	
Static Tipping Load, Straight	kg	25 111	24 925	25 376	24 443	24 486	26 646	26 783	24 108	24 240	
(Rigid Tire)*	1b	55,346	54,936	55,928	53,874	53,968	58,729	59,030	53,134	53,425	
Static Tipping Load,	kg	20 307	20 122	20 528	19 609	19 653	21 095	21 227	19 116	19 245	
Articulated (ISO)*	lb	44,757	44,350	45,244	43,219	43,315	46,493	46,785	42,132	42,417	
Static Tipping Load, Articulated	kg	21 661	21 475	21 896	20 962	21 005	22 869	23 006	20 625	20 758	
(Rigid Tire)*	1b	47,741	47,330	48,259	46,202	46,296	50,405	50,705	45,459	45,750	
Breakout Force(§)	kN	210	208	223	222	222	213	211	172	171	
	lbf	47,288	46,772	50,212	50,021	50,063	47,906	47,479	38,805	38,491	
Operating Weight*	kg	31 193	31 331	31 156	32 004	31 953	32 119	32 037	32 347	32 264	
	1b	68,749	69,054	68,667	70,537	70,423	70,790	70,609	71,293	71,110	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, aggregate counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

[†] Illustration shown with Dimension charts.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

⁽Rigid Tire) 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		Aggregate Handler Linkage									
Bucket Type		Pin On – Coal	Pin On – Woodchip	Pin On	– Waste	Pin On – Waste, Dozing					
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Rubber Edges	Bolt-On Cutting Edges					
Capacity – Rated	m^3	8.20	14.50	10.70	10.70	9.90					
	yd³	10.75	19.00	14.00	14.00	13.00					
Capacity – Rated at 110% Fill Factor	m ³	9.00	16.00	11.80	11.80	10.90					
	yd^3	11.75	21.00	15.50	15.50	14.25					
Width	mm	3638	4434	3882	3882	3882					
	ft/in	11'11"	14'6"	12'8"	12'8"	12'8"					
16 † Dump Clearance at Maximum Lift	mm	2931	2739	2834	2755	3067					
and 45° Discharge	ft/in	9'7"	8'11"	9'3"	9'0"	10'0"					
17† Reach at Maximum Lift and	mm	1625	1802	1693	1620	1460					
45° Discharge	ft/in	5'4"	5'10"	5'6"	5'3"	4'9"					
Reach at Level Lift Arm and	mm	3336	3597	3453	3457	3123					
Bucket Level	ft/in	10'11"	11'9"	11'3"	11'4"	10'2"					
A† Digging Depth	mm	93	104	74	74	114					
	in	3.6"	4.1"	2.9"	2.9"	4.5"					
12† Overall Length	mm	10 051	10 321	10 184	10 269	9854					
	ft/in	33'0"	33'11"	33'5"	33'9"	32'4"					
B † Overall Height with Bucket at	mm	6551	7047	6958	6958	7130					
Maximum Lift	ft/in	21'6"	23'2"	22'10"	22'10"	23'5"					
Loader Clearance Circle Radius	mm	7805	8243	7956	7995	7863					
with Bucket at Carry Position	ft/in	25'8"	27'1"	26'2"	26'3"	25'10"					
Static Tipping Load, Straight (ISO)*	kg	23 380	22 613	22 342	22 475	24 672					
	1b	51,530	49,840	49,243	49,536	54,378					
Static Tipping Load, Straight	kg	24 984	24 390	23 991	24 127	26 590					
(Rigid Tire)*	1b	55,065	53,756	52,876	53,176	58,604					
Static Tipping Load,	kg	20 023	19 168	19 000	19 133	21 072					
Articulated (ISO)*	1b	44,131	42,248	41,878	42,171	46,443					
Static Tipping Load, Articulated	kg	21 486	20 794	20 509	20 645	22 823					
(Rigid Tire)*	1b	47,356	45,831	45,202	45,502	50,302					
Breakout Force(§)	kN	177	151	172	170	204					
	1bf	39,906	33,932	38,687	38,377	45,993					
Operating Weight*	kg	31 572	32 833	32 458	32 374	32 223					
	1b	69,584	72,364	71,537	71,352	71,018					

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, aggregate counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

 $[\]ensuremath{^{\dagger}}$ Illustration shown with Dimension charts.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

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

Linkage		Aggregate Handler Linkage								
Bucket Type			Но	ok On – Fusior	ı – General Purpo	se				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips			
Capacity – Rated	m^3	5.40	5.40	5.00	5.70	5.70	5.30			
	yd^3	7.00	7.00	6.50	7.50	7.50	7.00			
Capacity – Rated at 110% Fill Factor	m^3	5.90	5.90	5.50	6.30	6.30	5.80			
	yd^3	7.75	7.75	7.25	8.25	8.25	7.50			
Width	mm	3447	3535	3535	3447	3535	3535			
	ft/in	11'3"	11'7"	11'7"	11'3"	11'7"	11'7"			
16† Dump Clearance at Maximum Lift	mm	3183	3017	3017	3117	2950	2950			
and 45° Discharge	ft/in	10'5"	9'10"	9'10"	10'2"	9'8"	9'8"			
17† Reach at Maximum Lift and	mm	1588	1724	1724	1640	1775	1775			
45° Discharge	ft/in	5'2"	5'7"	5'7"	5'4"	5'9"	5'9"			
Reach at Level Lift Arm and	mm	3116	3327	3327	3200	3411	3411			
Bucket Level	ft/in	10'2"	10'11"	10'11"	10'6"	11'2"	11'2"			
A† Digging Depth	mm	93	93	58	93	93	58			
	in	3.6"	3.6"	2.3"	3.6"	3.6"	2.3"			
12† Overall Length	mm	9831	10 072	10 072	9915	10 156	10 156			
	ft/in	32'4"	33'1"	33'1"	32'7"	33'4"	33'4"			
B † Overall Height with Bucket at	mm	6532	6532	6532	6599	6599	6599			
Maximum Lift	ft/in	21'6"	21'6"	21'6"	21'8"	21'8"	21'8"			
Loader Clearance Circle Radius	mm	7694	7817	7817	7721	7845	7845			
with Bucket at Carry Position	ft/in	25'3"	25'8"	25'8"	25'4"	25'9"	25'9"			
Static Tipping Load, Straight (ISO)*	kg	22 905	22 721	23169	22 672	22 487	22 917			
	1b	50,483	50,078	51,065	49,970	49,561	50,509			
Static Tipping Load, Straight	kg	24 393	24 207	24 678	24 170	23 983	24 431			
(Rigid Tire)*	lb	53,763	53,353	54,391	53,271	52,858	53,845			
Static Tipping Load,	kg	19 618	19 434	19 851	19 398	19 212	19 615			
Articulated (ISO)*	lb	43,239	42,833	43,753	42,753	42,344	43,232			
Static Tipping Load, Articulated	kg	20 971	20 785	21 223	20 762	20 574	20 993			
(Rigid Tire)*	lb	46,221	45,812	46,777	45,759	45,346	46,268			
Breakout Force(§)	kN	203	201	216	193	190	204			
	1bf	45,829	45,315	48,584	43,399	42,894	45,873			
Operating Weight*	kg	31 727	31 865	31 690	31 837	31 975	31 800			
-	lb	69,926	70,231	69,844	70,168	70,473	70,086			

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, aggregate counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

[†] Illustration shown with Dimension charts.

^(§) Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

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

Operating Specifications – Buckets (continued)

Linkage		Aggregate Handler Linkage
Bucket Type		Hook On – Fusion – Woodchip
Edge Type		Bolt-On Cutting Edges
Capacity – Rated	m^3	14.50
	yd^3	19.00
Capacity - Rated at 110% Fill Factor	m^3	16.00
	yd^3	21.00
Width	mm	4433
	ft/in	14'6"
16 † Dump Clearance at Maximum Lift	mm	2668
and 45° Discharge	ft/in	8'9"
17† Reach at Maximum Lift and	mm	1915
45° Discharge	ft/in	6'3"
Reach at Level Lift Arm and	mm	3727
Bucket Level	ft/in	12'2"
A† Digging Depth	mm	75
	in	2.9"
12† Overall Length	mm	10 427
	ft/in	34'3"
B † Overall Height with Bucket at	mm	7172
Maximum Lift	ft/in	23'7"
Loader Clearance Circle Radius	mm	8395
with Bucket at Carry Position	ft/in	27'7"
Static Tipping Load, Straight (ISO)*	kg	20 387
	1b	44,935
Static Tipping Load, Straight	kg	21 928
(Rigid Tire)*	1b	48,331
Static Tipping Load,	kg	17 202
Articulated (ISO)*	lb	37,913
Static Tipping Load, Articulated	kg	18 613
(Rigid Tire)*	lb	41,024
Breakout Force(§)	kN	141
	lbf	31,880
Operating Weight*	kg	33 214
	1b	73,202

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, aggregate counterweight, ride control, cold start, roading fenders, power train guard, secondary steering and sound suppression.

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

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

[†] Illustration shown with Dimension charts.

^(§)Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

^(§)Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

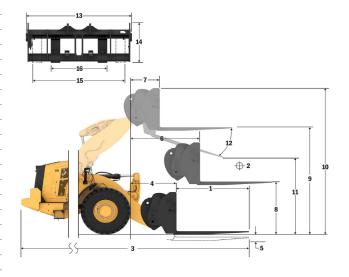
⁽Rigid Tire) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Fork Specifications

Fork Specifications

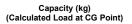
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1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	16284
	, , , , , , , , , , , , , , , , , , ,	lbs	35891 14214
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	31329
	Rated Load (SAE J1197 - 50% FTSTL)	kg	7107
	Raied Load (SAE J1197 - 50% F151L)	lbs	15664
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8529
	<u> </u>	lbs	18797
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	9398 20714
_	W : 0 III II	mm	10136
3	Maximum Overall Length	in	399.0
4	Reach with Forks at Ground Level	mm	1199
	Treadil Will 1 onto at Ground Edver	in	47.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-151
_	<u> </u>	in mm	-5.9 1809
6	Reach with Arms Horizontal and Forks Level	in	71.2
7	Reach with Fork at Maximum Height	mm	883
	Reach with Fork at Maximum neight	in	34.7
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2024
_	<u> </u>	in	79.7 4292
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	169.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5067
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	2893
	Olouranio at Full Ent and max bump	in	113.9
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm	2217
	Overall Carriage virial	in	87.3
14	Overall Carriage Height	mm in	840 33.1
		mm	2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Outside Title Width (Hill spread)	in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm	65.0
	Tille Tillcritess	in	2.6
	Tine Capacity	kg	6300
		lbs	13885
	Operating Weight	ka Ibs	29034 63990
		ะยน	03990

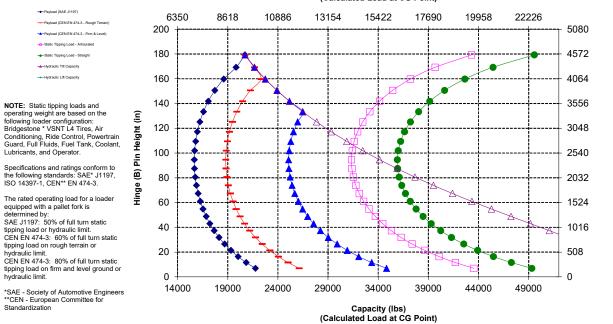




Lubricants, and Operator.

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







Standardization

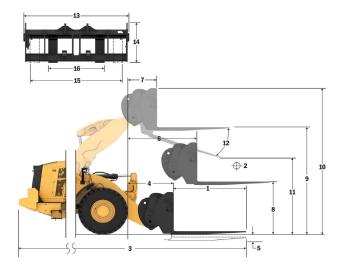
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications	;
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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	15570
		lbs	34316
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	13586 29943
		kg	6793
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14971
	D-4-414 (OFN EN 474 2 D-4-1- T-4-1- C00/ FTCT)	ka	8151
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17966
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8327
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F131L)	lbs	18352
3	Maximum Overall Length	mm	10442
_	mazantani ovotali zongan	in	411.1
4	Reach with Forks at Ground Level	mm	1199
		in	47.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-151
		in	-5.9 1809
6	Reach with Arms Horizontal and Forks Level	mm in	71.2
_		mm	883
7	Reach with Fork at Maximum Height	in	34.7
_	One and to Tax of Time with Association and Foods Level	mm	2024
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	79.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4292
9	Ground to Top of Title at Maximum Height and Fork Level	in	169.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5067
	Overall Height of Ferri at Fall Ent (top of samage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2676
	· ·	in	105.4
12	Max Discharge Angle from Horizontal	deg	45
	0 110 : 147:141	mm	2217
13	Overall Carriage Width	in	87.3
44	Overall Carriage Height	mm	840
14	Overall Carriage Reight	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	Outside Title Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	. , ,	in	18.5 150.0
	Tine Width (single tine)	mm in	5.9
		mm	65.0
	Tine Thickness	in	2.6
	Ti Oit-	ka	5246
	Tine Capacity	lbs	11562
	Operating Weight	kg	29081
	Operating weight	lbs	64093





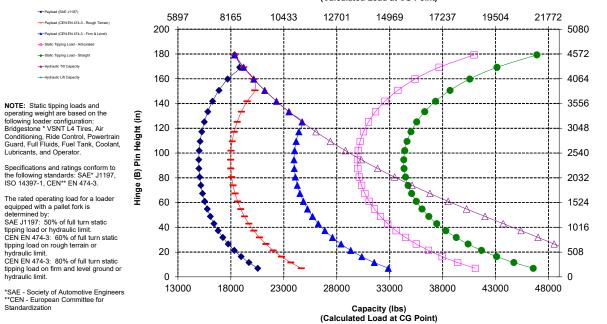
Hinge (B) Pin Height (mm)

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.

Capacity (kg) (Calculated Load at CG Point)



^{*}Negative values indicate below grade

108" Carriage

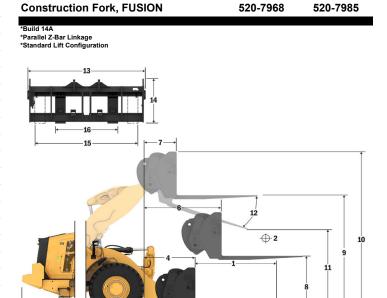
48" Tine

980 STD

Fork Specifications

Fork Specifications	Fork	Spec	ificat	ions
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1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
		in kg	24.0 16793
	Static Tipping Load - Straight (Forks Level)	lbs	37011
	Static Tipping Load - Articulated (Forks Level)	kg	14622
	otatic Tipping Load - Articulated (Forks Level)	lbs	32226
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	7311 16113
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	8773 19335
	Detection of (OEN EN 474 0 Firms and Level Ones and	ka	11289
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	24881
3	Maximum Overall Length	mm	9773
		in mm	384.8 1141
4	Reach with Forks at Ground Level	in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65
	Ground to Bottom of Time at William Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1797
		in mm	70.7 870
7	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
	Glound to Top of Time with Arms Honzontal and Fork Level	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4403 173.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5443
		in mm	214.3 3074
11	Clearance at Full Lift and Max Dump	in	121.0
12	Max Discharge Angle from Horizontal	deg	51
		mm	2833
13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm in	2493 98.1
16	Outside Tine Width (min spread)	mm	590
		in mm	23.2 180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	kg	22200
	<u> </u>	lbs kg	48929 29396
	Operating Weight	lbs	64788
			200



Capacity (kg) (Calculated Load at CG Point)

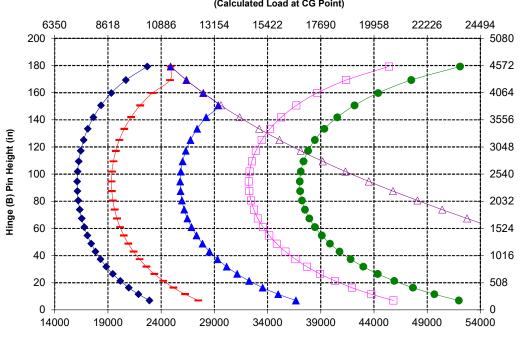


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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



Capacity (lbs) (Calculated Load at CG Point) Hinge (B) Pin Height (mm)

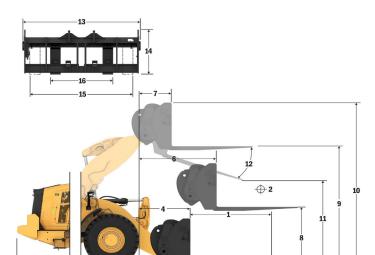
^{*}Negative values indicate below grade

Fork Specifications

Fork Specificati	ions
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	. K opcomouncine		
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	16014
	7	lbs	35295
	Static Tipping Load - Articulated (Forks Level)	kg lbs	13936 30714
		kg	6968
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	15357
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8361
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	18429
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9839
	Traiba Edad (OEIT EIT +7 + 0 T IIII and Edvar Ground Gover Tote)	lbs	21685
3	Maximum Overall Length	mm	10078
_		in	396.8
4	Reach with Forks at Ground Level	mm	1141
		in mm	44.9 -65
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.5
_	5	mm	1797
6	Reach with Arms Horizontal and Forks Level	in	70.7
7	Booch with Early at Maximum Haight	mm	870
'	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
	Ground to rop or time with rume from contained for Cover	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4403
		in	173.4 5443
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	214.3
		mm	2835
11	Clearance at Full Lift and Max Dump	in	111.6
40	Many Disabanna Anada fasaa Harimantal		
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	2833
10	Overall Garriage Width	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	T MONEY A CONTRACTOR	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THIC THICKNICSS	in	3.5
	Tine Capacity	kg	17800
	Timo Supusity	lbs	39231
	Operating Weight	kg	29458
	, , ,	lbs	64924





Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

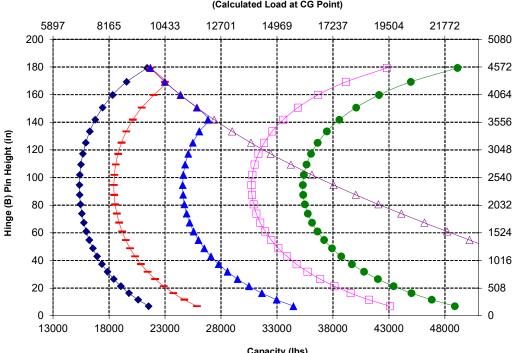


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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



Capacity (lbs) (Calculated Load at CG Point)

108" Carriage

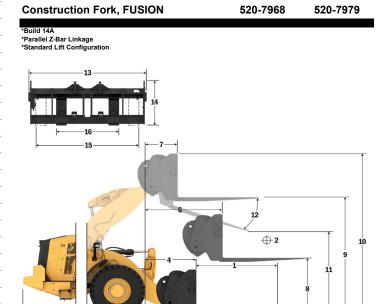
72" Tine

980 STD

Fork Specifications

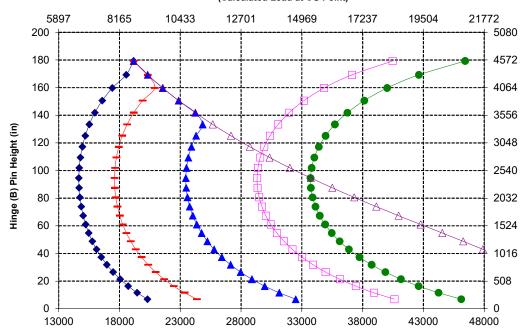
Fork Specifications

Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kq 7880 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 8691 3 Maximum Overall Length mm 10383 4 Reach with Forks at Ground Level mm 1141 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 1797 6 Reach with Arms Horizontal and Forks Level mm 870 7 Reach with Fork at Maximum Height mm 870 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2133 9 Ground to Top of Tine at Maximum Height and Fork Level mm 2403 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 2543 11 Clearance at Full Lift and Max Dump mm 2543 12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Height mm 2587 14 Overall Carriage Height mm 2583 15 Outside Tine Width (max spread) mm 2483 16 Outside Tine Width (min spread) mm 590 17 Tine Thickness mm 90.0 18 Tine Canacity mm 90.0 18 Tine Canacity mm 90.0 18 Tine Canacity mm 90.0				
2 Load Center	1	Tine Length		
Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Static Tipping Load (SAE J1197 - 50% FTSTL) Static Tipping Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL St	2	Load Center		
Static Tipping Load - Straight (Forks Level) Ibs 33703 Static Tipping Load - Articulated (Forks Level) Ibs 29312 Rated Load (SAE J1197 - 50% FTSTL) Ibs 14656 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 17807 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 17808 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19156 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 19456 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 4408 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 49889 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 49889 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 44988 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 44989 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 44989 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 44989 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 44989 Rated Load (CEN EN 474-3 Firm and Level Ground In 44.9		Load Center		
Static Tipping Load - Articulated (Forks Level) Is 33708 132999 13299 13299 13299 13299 13299 13299 132999 13299 13299 13299 132999 132999 132999 132999 1329999		Static Tipping Load - Straight (Forks Level)		
Rated Load (SAE J1197 - 50% FTSTL) Ibs 29312 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 17587 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 17587 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 17587 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 3 Maximum Overall Length Imm 10383 In 408.8 4 Reach with Forks at Ground Level Imm 144.9 In 44.9 5 *Ground to Bottom of Tine at Minimum Height and Fork Level Imm 179.7 6 Reach with Arms Horizontal and Forks Level Imm 870 Imm 870 Imm 870 7 Reach with Fork at Maximum Height Imm 870 Imm 87				
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Detect Lond (CAE 14407 FOR) FTCTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL) Ibs 17587 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 19155 3 Maximum Overall Length Imm 10383 4 Reach with Forks at Ground Level Imm 1141 5 *Ground to Bottom of Tine at Minimum Height and Fork Level Imm -65 6 Reach with Arms Horizontal and Forks Level Imm 1797 7 Reach with Fork at Maximum Height Imm 184.0 8 Ground to Top of Tine with Arms Horizontal and Fork Level Imm 34.2 9 Ground to Top of Tine at Maximum Height and Fork Level Imm 173.4 10 Overall Height of Fork at Full Lift (top of carriage to ground) Imm 2597 11 Clearance at Full Lift and Max Dump Imm 2593 12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Width Imm 2883 14 Overall Carriage Height Imm 2483 15 Outside Tine Width (max spread) Imm 2597 16 Outside Tine Width (min spread) Imm 2597 17 Tine Thickness Imm 190.3 18 Tine Capacity Imm 190.2 19 Operating Weight Imm 190.2 10 Operating Weight Imm 190.2 11 Tine Capacity Imm 190.2 12 Operating Weight Imm 190.2 13 Operating Weight Imm 190.2 14 Operating Weight Imm 190.2 15 Operating Weight Imm 190.2 16 Operating Weight Imm 190.2 17 Operating Weight Imm 190.2 18 Operating Weight Imm 190.2 19 Operating Weight Imm 190.2 10 Operating Weight Imm 190.2 11 Operating Weight Imm 190.2 12 Operating Weight Imm 190.2 13 Operating Weight Imm 190.2 14 Operating Weight Imm 190.2 15 Operating Weight Imm 190.2 16 Operating Weight Imm 190.2 17 Operating Weight Imm 190.2 18 Operating Weight Imm 190.2 19 Operating Weight Imm 190.2 10 Operating Weight Imm 190.2 10 Operating Weight Imm 190.2 10 Operating Weight Imm 190.2 11 Operat		Raied Load (SAE J1197 - 50% F151L)	lbs	14656
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
National Color Section Section		((
Maximum Overall Length		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		
Maximum Overall Length In 408.8				
4 Reach with Forks at Ground Level mm / 44.9 in 44.9 114.1 in 4.4.9 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm - 65 in - 2.5 -6 Reach with Arms Horizontal and Forks Level mm - 1797 in - 70.7 7 Reach with Fork at Maximum Height mm - 87.0 8.7 -7 Reach with Fork at Maximum Height mm - 21.5 34.2 -8 -8 Ground to Top of Tine with Arms Horizontal and Fork Level mm - 21.4 -3 -8 -8 -9 Ground to Top of Tine at Maximum Height and Fork Level mm - 24.0 -4 -8 -4 -1 -3 -4 -1 -3 -4 -3 -4 -3 -4 -3 -4 -3 -3 -4 -3 -4 -3 -3 -4 -3<	3	Maximum Overall Length		
In 44.9	1	Peach with Forks at Ground Level	mm	1141
Fround to Bottom of Tine at Minimum Height and Fork Level In 7.9.7	-	Treach with Forks at Ground Level	in	
Reach with Arms Horizontal and Forks Level	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
Reach with Fork at Maximum Height In 34.2 8 Ground to Top of Tine with Arms Horizontal and Fork Level In 34.2 9 Ground to Top of Tine at Maximum Height and Fork Level In 34.0 9 Ground to Top of Tine at Maximum Height and Fork Level In 34.0 173.4 10 Overall Height of Fork at Full Lift (top of carriage to ground) In 214.3 11 Clearance at Full Lift and Max Dump In 102.3 12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Width In 111.5 14 Overall Carriage Height In 111.5 14 Overall Carriage Height In 14.5 15 Outside Tine Width (max spread) In 2483 In 97.8 16 Outside Tine Width (min spread) In 23.0 17.1		y		
7 Reach with Fork at Maximum Height mm kard in substitution 8 du substitution 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2135 in 84.0 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4403 in 173.4 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 214.3 11 Clearance at Full Lift and Max Dump mm 2597 in 102.3 12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 113.0 15 Outside Tine Width (max spread) mm 248.3 in 97.8 in 297.8 16 Outside Tine Width (min spread) mm 590 in 23.2 Tine Width (single tine) in 7.1 mm 180.0 in 7.1 in 7.1 in Tine Thickness in 3.5 i	6	Reach with Arms Horizontal and Forks Level		
Reach with Fork at Maximum Height in 34.2 34.0 3	_	B 1 W E 1 (W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Second to Top of Time with Arms Notizontal and Pork Level in 84.0 mm 4403 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 214.3 11 Clearance at Full Lift and Max Dump mm 2597 in 102.3 12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Width in 2833 in 111.5 14 Overall Carriage Height in 144.5 15 Outside Tine Width (max spread) mm 2483 in 97.8 15 Outside Tine Width (min spread) mm 590 in 23.2 16 Outside Tine Width (min spread) mm 180.0 in 7.1 17.1 Tine Thickness in 3.5 17.1 Tine Capacity lbs 32619 Operating Weight kg 29520 Operating Weight 10 10 10 10 10 10 10 1	1	Reach with Fork at Maximum Height		
9 Ground to Top of Tine at Maximum Height and Fork Level mm 4403 in 173 4 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 214.3 11 Clearance at Full Lift and Max Dump mm 2597 in 102.3 12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 113.5 15 Outside Tine Width (max spread) mm 248.3 16 Outside Tine Width (min spread) mm 590 in 23.2 17 Tine Width (single tine) mm 180.0 18 Tine Thickness mm 90.0 19 Tine Capacity lbs 32619 19 Operating Weight lc.	8	Ground to Top of Tipe with Arms Horizontal and Fork Level	mm	
173 173 174 175		Ordana to Top of Time Will 7 time Tronzonial and Fork Edver		
10 Overall Height of Fork at Full Lift (top of carriage to ground)	9	Ground to Top of Tine at Maximum Height and Fork Level		
11 Clearance at Full Lift and Max Dump mm 214.3 12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 248.3 in 115 14.5 Outside Tine Width (max spread) mm 248.3 in 44.5 15 Outside Tine Width (min spread) mm 248.3 in 47.5 16 Outside Tine Width (min spread) mm 590 in 25.3 17.1 1				
11 Clearance at Full Lift and Max Dump mm in 102.3 (102.3) 2597 in 102.3 12 Max Discharge Angle from Horizontal deg 5.1 13 Overall Carriage Width mm 2833 in 111.5 in 141.5 14 Overall Carriage Height mm 144.5 in 44.5 in 94.5 in 94.5 in 94.5 in 95.0 in 23.5 in 95.0 in 7.1 in 95.0 in 7.1 in 7.1 in 95.0 in 7.1 in 7.1 in 95.0 in 3.5 in 95.0 in 9	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
12 Max Discharge Angle from Horizontal deg 51 13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 141.5 15 Outside Tine Width (max spread) mm 2483 in 97.8 16 Outside Tine Width (min spread) mm 590 in 23.2 Tine Width (single tine) mm 180.0 Tine Thickness in 3.5 Tine Capacity kg 14800 Operating Weight kg 29520	11	Clearance at Full Lift and Max Dump		
13 Overall Carriage Width mm 2833 in 11.5 14 Overall Carriage Height mm 11.5 15 Outside Tine Width (max spread) mm 2483 in 97.8 16 Outside Tine Width (min spread) mm 590 in 230 in 800 in 7.1 Tine Width (single tine) in 7.1 Tine Thickness in 3.5 in 3.5 Tine Capacity kg 14800 kg 14800 in 32619 Operating Weight kg 29520		Clearance at 1 till Lint and Wax Dump	in	102.3
13 Overall Carriage Width mm 2833 in 11.5 14 Overall Carriage Height mm 11.5 15 Outside Tine Width (max spread) mm 2483 in 97.8 16 Outside Tine Width (min spread) mm 590 in 230 in 800 in 7.1 Tine Width (single tine) in 7.1 Tine Thickness in 3.5 in 3.5 Tine Capacity kg 14800 kg 14800 in 32619 Operating Weight kg 29520	12	Max Discharge Angle from Horizontal	dea	51
11.5				
14 Overall Carriage Height mm in value of the properties of the	13	Overall Carriage Width		
14 Overalin Carlinge Reight in 44.5		0 10 : 11:11		
16 Outside Tine Width (min spread) n 97.8 mm 52.32 1 2 2 2 2 2 2 2 2	14	Overall Carriage Height		
16 Outside Tine Width (min spread) mm 590 ms 23.2 Tine Width (single tine) mm 180.0 ms 7.1 Tine Thickness mm 90.0 ms 3.5 Tine Capacity kg 14800 lbs 32619 ms 32619	15	Outside Tine Width (max spread)	mm	
Tine Width (single tine) n 23.2		Outside Tille Width (Max Spread)		
Tine Width (single tine) mm in 7.1 min 7.1 Tine Thickness in 90.0 in 3.5 Tine Capacity kg 14800 in 3.5 Operating Weight kg 29520	16	Outside Tine Width (min spread)		
Tine Wrath (single tine) in 7.1 Tine Thickness in 90.0 in 3.5 Tine Capacity kg 14800 Operating Weight kg 29520				
Tine Thickness mm in 3.5 street 90.0 in 3.5 street Tine Capacity kg 14800 lbs 32619 Operating Weight kg 29520		Tine Width (single tine)		
1		Tino Thioknoo		
Tine Capacity		Tine Thickness		3.5
Operating Weight kg 29520		Tine Capacity		14800
		Tino Oupdoity		32619
: IDS 65061		Operating Weight		
		· · · · ·	IDS	1 0000



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 * VSNT L4 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

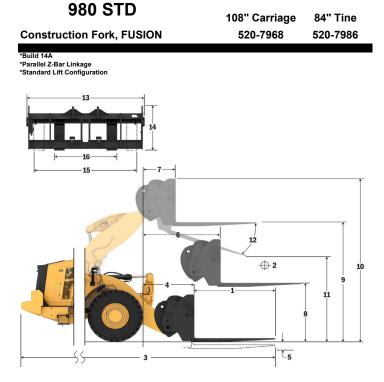
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade

Fork Specifications

Fork	Specification	IS
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2 Load Center mm fin 8 2 Load Center mm fin 4 3 Static Tipping Load - Straight (Forks Level) lbs 32 3 Static Tipping Load - Articulated (Forks Level) kg 12 1 Ibs 22 4 Rated Load (SAE J1197 - 50% FTSTL) kg 6 1 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 7 4 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 7 5 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 7 6 Reach with Forks at Ground Level mm 12 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 1 6 Reach with Arms Horizontal and Forks Level mm 1 7 Reach with Fork at Maximum Height mm 2 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 10 Ground to Top of Tine at Maximum Height and Fork Level mm 2 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 10 Static Tipping Load - Articulated (Forks Level) mm 4 10 Static Tipping Load - Articulated (Forks Level) mm 4 11 Static Tipping Load - Articulated (Forks Level) mm 4 12 Load Center mm 4 13 Maximum Overall Length mm 8 14 Reach with Fork at Maximum Height and Fork Level mm 8 15 Particulated (Forks Level) mm 8 16 Particulated (Forks Level) mm 8 17 Particulated (Forks Level) mm 8 18 Particulated (Forks Level) mm 8 19 Particulated (Forks Level) mm 8 10 Particulated (Forks Level) mm 8 11 Particulated (Forks Level) mm 8 12 Particulated (Forks Level) mm 8 12 Particulated (Forks Level) mm 8 13 Particulated (Forks Level) mm 8 14 Particulated (Forks Level) mm 8 15 Particulated (Forks Level) mm 8 16 Particulated (Forks Level) mm 8 17 Particulated (Forks Level) mm 8 18 Particulated (Forks Level) mm 8 19 Particulated (Forks Level) mm 8 19 Particulated (Forks Level) mm 8 10 Particulated (Forks Level) mm 8 10 Particulated (Forks Level	34 4.0 067 2.0 622 227 709 010 854 005 625 806 759
2 Load Center	067 2.0 622 227 709 010 854 005 625 806
Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level	622 227 709 010 354 005 325 806
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 A Reach with Forks at Ground Level S *Ground to Bottom of Tine at Minimum Height and Fork Level Reach with Fork at Maximum Height Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Full Lift (top of carriage to ground) Reach With Fork at Full Lift (top of carriage to ground)	227 709 010 354 005 325 806
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) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Maximum Overall Length Maximum Overall Length Reach with Forks at Ground Level Forground to Bottom of Tine at Minimum Height and Fork Level Reach with Arms Horizontal and Forks Level Reach with Fork at Maximum Height Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground)	709 010 354 005 325 806
Rated Load (SAE J1197 - 50% FTSTL) State	010 354 005 325 806
Rated Load (SAE J1197 - 50% FTSTL)	354 005 325 806
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	325 806
Rated Load (CEN EN 474-3 Rough Terrain - 00% 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) Maximum Overall Length Reach with Forks at Ground Level Reach with Forks at Ground Level Reach with Forks at Ground Level Reach with Arms Horizontal and Fork Level Reach with Arms Horizontal and Forks Level Reach with Fork at Maximum Height Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground)	806
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) Reach with Forks at Ground Level Reach with Forks at Ground Level Reach with Arms Horizontal and Forks Level Reach with Fork at Maximum Height Reach with Fork at Maximum Height and Fork Level Reach With Fork at Maximum Height and Fork Level Reach With Fork at Maximum Height and Fork Level Reach With Fork at Full Lift (top of carriage to ground) Reach With Fork at Full Lift (top of carriage to ground) Reach With Fork at Full Lift (top of carriage to ground)	
Rated Load (CEN EN 4/4-3 Firm and Level Ground - 80% F1S1L) 3 Maximum Overall Length mm 1	
3 Maximum Overall Length mm 16 in 42 4 Reach with Forks at Ground Level mm 1 in 4 5 *Ground to Bottom of Tine at Minimum Height and Fork Level in 7 6 Reach with Arms Horizontal and Forks Level in 7 7 Reach with Fork at Maximum Height mm 1 in 3 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 in 3 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 2	
Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Ground to Top of Tine at Maximum Height and Fork Level 11 In Minimum August Arms Horizontal and Fork Level 12 Ground to Top of Tine at Maximum Height and Fork Level 13 Ground to Top of Tine at Maximum Height and Fork Level 14 Ground to Top of Tine at Maximum Height and Fork Level 15 Ground to Top of Tine at Maximum Height and Fork Level 16 Ground to Top of Tine at Maximum Height and Fork Level 17 Ground to Top of Tine at Maximum Height and Fork Level 18 Ground to Top of Tine at Maximum Height and Fork Level 19 Ground to Top of Tine at Maximum Height and Fork Level 10 Ground to Top of Tine at Maximum Height and Fork Level 10 Ground to Top of Tine at Maximum Height and Fork Level 11 Ground to Top of Tine at Maximum Height and Fork Level 12 Ground to Top of Tine at Maximum Height and Fork Level 13 Ground to Top of Tine at Maximum Height and Fork Level 14 Ground to Top of Tine at Maximum Height and Fork Level 15 Ground to Top of Tine at Maximum Height and Fork Level 16 Ground to Top of Tine at Maximum Height and Fork Level	102
4 Reach with Forks at Ground Level mm 1 in 4 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 1 in 7 6 Reach with Arms Horizontal and Forks Level mm 1 in 7 7 Reach with Fork at Maximum Height mm 2 in 8 6 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 in 8 7 Ground to Top of Tine at Maximum Height and Fork Level mm 4 in 11 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 in 11 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 in 2	0.8
5 *Ground to Bottom of Tine at Minimum Height and Fork Level in 4 6 Reach with Arms Horizontal and Forks Level in 7 7 Reach with Fork at Maximum Height man Fork Level in 8 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 8 9 Ground to Top of Tine at Maximum Height and Fork Level in 8 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 9 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 9 11	41
5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 1 in 7 6 Reach with Arms Horizontal and Forks Level mm 1 in 7 7 Reach with Fork at Maximum Height mm 2 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 in 8 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 in 7 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 in 2	1.9
Reach with Arms Horizontal and Forks Level	35
Reach with Arms Norizontal and Porks Level in 7 7 Reach with Fork at Maximum Height mm 8 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5	2.5
10	'97
8 Ground to Top of Tine with Arms Horizontal and Fork Level in 8 in 8 in 8 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 in 1 in	0.7
8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 3 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 10 Top of Top	70
9 Ground to Top of Time with Arms Horizontal and Pork Level in 8 mm 4 in 12 mm 9 Ground to Top of Time at Maximum Height and Fork Level mm 4 in 17 mm 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 in 2²	4.2 35
9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 in 13 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 2	4.0
10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Overall Height of Fork at Full Lift (top of carriage to ground) 12 Overall Height of Fork at Full Lift (top of carriage to ground)	103
in 2	3.4
in 2	143
	4.3
	359
in 9	2.9
12 Max Discharge Angle from Horizontal deg	51
42 Overall Comings Width mm 2	333
	1.5
	30
- III 4	4.5
	183
in 9	7.8
	90
mm 10	2 2
	3.2
	0.0
	0.0 .1
kg 13	0.0
	0.0 .1 0.0
	0.0 .1 0.0 .5
lbs 65	0.0 .1 0.0 .5 700 991 582



Hinge (B) Pin Height (mm)

Trogulate values indicate below grade



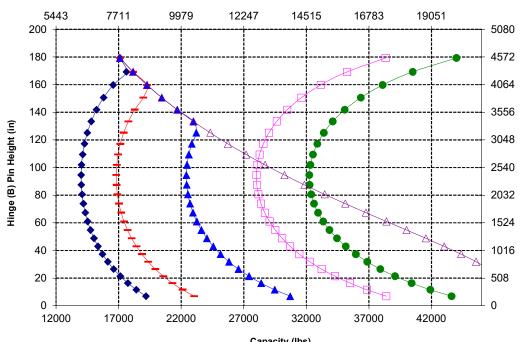
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)

^{*}Negative values indicate below grade

108" Carriage

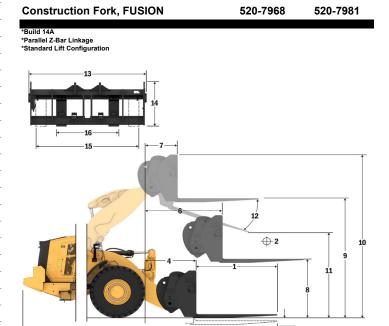
96" Tine

980 STD

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	2000 001101	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	13999 30855
	Static Tipping Load - Articulated (Forks Level)	kg	12159
	Static Tipping Load - Articulated (Forks Level)	lbs	26799
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6080
		lbs ka	13399 6988
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15401
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6988
	Traced Load (CEN EN 474-51 IIIII and Level Glound - 00 % 1 151E)	lbs	15401
3	Maximum Overall Length	mm	10992
		in mm	432.8 1141
4	Reach with Forks at Ground Level	in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65
	Ground to Bottom of Time at William Unity Tright and Tork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1797
		in mm	70.7 870
7	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
		in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4403 173.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5443
-10	Overall Height of Fork at Full Lift (top of carnage to ground)	in	214.3
11	Clearance at Full Lift and Max Dump	mm	2122
	<u> </u>	in	83.5
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	2833
	Ovorali Garriage viriali	in	111.5
14	Overall Carriage Height	mm in	1130 44.5
45	Outside Time Middle (common of)	mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	Catalao IIIIo Maaii (IIIII oproda)	in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
	Title TitleMiess	in	3.5
	Tine Capacity	kg	11300
		lbs_	24905 29645
	Operating Weight	kg Ibs	65336
		103	00000



Capacity (kg) (Calculated Load at CG Point)

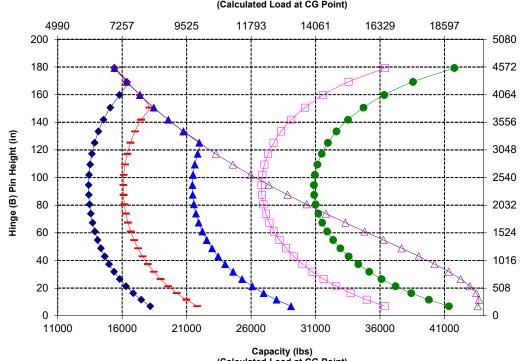


NOTE: Static tipping loads and operating weight are based on the Following loader configuration:
Bridgestone * VSNT L4 Tires, Air
Conditioning, Ride Control, Powertrain
Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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**CEN - European Committee for Standardization



(Calculated Load at CG Point)

Hinge (B) Pin Height (mm)

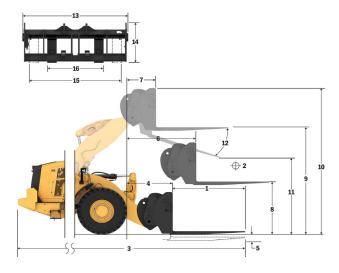
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

. •	ik opecinications		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	14965
		lbs	32984
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	12974 28595
		ka	6487
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14298
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7785
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	17157
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8905
	Trained Ended (DETY EIV TO THIT AIRE ENTER OF OUR OF OUT TO TE)	lbs	19627
3	Maximum Overall Length	mm	10404
	<u>*</u>	in mm	409.6 1162
4	Reach with Forks at Ground Level	in	45.8
_	**	mm	-99
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.9
6	Reach with Arms Horizontal and Forks Level	mm	1796
	Treach with Annis Honzontal and Forks Level	in	70.7
7	Reach with Fork at Maximum Height	mm	869
	<u> </u>	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	2095 82.5
_		mm	4364
9	Ground to Top of Tine at Maximum Height and Fork Level	in	171.8
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5407
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	212.9
11	Clearance at Full Lift and Max Dump	mm	2498
	Ologiano at Fan Elit and Max Bamp	in	98.3
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm	2821
	<u> </u>	in	111.1 1129
14	Overall Carriage Height	mm in	44.4
		mm	2627
15	Outside Tine Width (max spread)	in	103.4
16	Outside Tine Width (min spread)	mm	747
	Odiside Tille Widit (Illiil Spread)	in	29.4
	Tine Width (single tine)	mm	250.0
	(y =/	in	9.8
	Tine Thickness	mm	85.0
		in ka	3.3 18700
	Tine Capacity	lbs	41215
	Operating Weight	ka	29958
	Operating Weight	lbs	66026





Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)



Lubricants, and Operator.

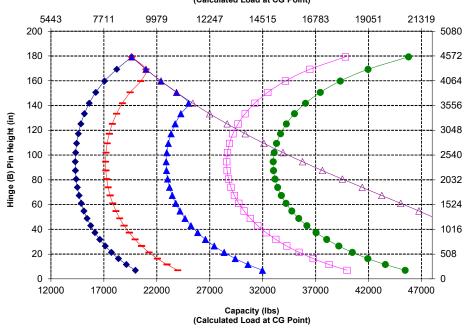
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CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.

tipping load on firm and level ground or hydraulic limit.

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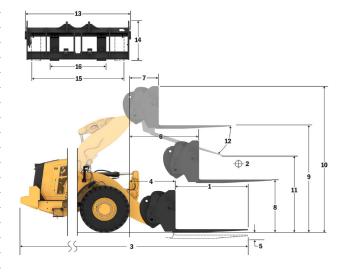
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

	nk opecinications		
1	Tine Length	mm	2134 84.0
		in mm	1067
2	Load Center	in	42.0
	O. C. T O	kg	14267
	Static Tipping Load - Straight (Forks Level)	lbs	31445
	Chatia Time in a Lond Additional Action of the Lond (Fooder Lond)	kg	12355
	Static Tipping Load - Articulated (Forks Level)	lbs	27231
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6178
	Nated Load (SAE 31197 - 30 % F131L)	lbs	13615
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7413
	Traica Edda (OEIT EIT TIT O Trough Terrain - 0070 1 TOTE)	lbs	16338
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7914
	Trained Estate (SELT EIT TO THIN and Estate Stories and Selfer To TE)	lbs	17442
3	Maximum Overall Length	mm	10713
		in	421.8
4	Reach with Forks at Ground Level	mm	1166
	<u> </u>	in	45.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-99
		in	-3.9
6	Reach with Arms Horizontal and Forks Level	mm	1796
_		in	70.7
7	Reach with Fork at Maximum Height	mm	869 34.2
	<u> </u>	in mm	2100
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	82.7
		mm	4369
9	Ground to Top of Tine at Maximum Height and Fork Level	in	172.0
	0 """ (5 1 15 """ (6 1 1 15 """ (7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	5407
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	212.9
	Ol	mm	2247
11	Clearance at Full Lift and Max Dump	in	88.5
42	May Discharge Angle from Herizontel	don	EE
12	Max Discharge Angle from Horizontal	deg	55
12	Overall Carriage Width	mm	2821
	Overall Carriage Width	in	111.1
14	Overall Carriage Height	mm	1129
	Overall Carriage Height	in	44.4
15	Outside Tine Width (max spread)	mm	2627
	Catolae Tine Trial (max opreda)	in	103.4
16	Outside Tine Width (min spread)	mm	747
	- (1 /	in	29.4
	Tine Width (single tine)	mm	250.0
	'	in	9.8
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	17729 39075
		ka	30060
	Operating Weight	lbs	66251
_		IDS	00231





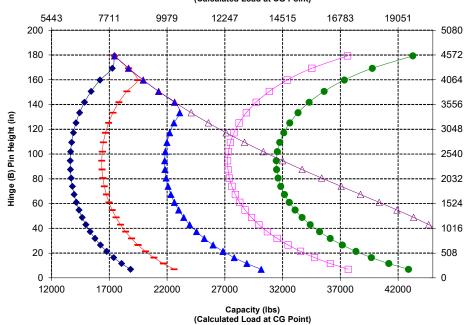
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CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

Lubricants, and Operator.

Capacity (kg) (Calculated Load at CG Point)



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hydraulic limit.

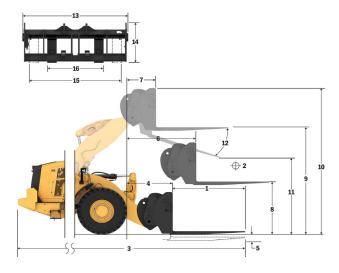
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Ceriter	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	13562
		lbs kg	29890 11724
	Static Tipping Load - Articulated (Forks Level)	lbs	25839
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5862
	Nated Load (SAE 31197 - 30 % F131L)	lbs	12920
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7034
	, , ,	lbs	15504 7041
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	15518
_	W : 0	mm	11021
3	Maximum Overall Length	in	433.9
4	Reach with Forks at Ground Level	mm	1170
	Treach with Forks at Gloding Level	in	46.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-98
	·	in	-3.8
6	Reach with Arms Horizontal and Forks Level	mm in	1801 70.9
_		mm	874
7	Reach with Fork at Maximum Height	in	34.4
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2102
•	Ground to Top of Title with Arms Horizontal and Fork Level	in	82.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4370
	· · · · · · · · · · · · · · · · · · ·	in	172.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5407 212.9
		mm	1994
11	Clearance at Full Lift and Max Dump	in	78.5
12	Max Discharge Angle from Horizontal	deg	55
12	Wax Discharge Angle Horr Florizontal		
13	Overall Carriage Width	mm	2821
		in mm	111.1 1127
14	Overall Carriage Height	in	44.4
4-	O. 4-i-l- Time (M/: 445 (mm	2629
15	Outside Tine Width (max spread)	in	103.5
16	Outside Tine Width (min spread)	mm	747
	Outside Time Width (Hill Spread)	in	29.4
	Tine Width (single tine)	mm	250.0
	, ,	in	9.8
	Tine Thickness	mm in	90.0 3.5
	T 0 "	ka	15750
	Tine Capacity	lbs	34713
	Operating Weight	kg	30211
	Operating Weight	lbs	66584





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 * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

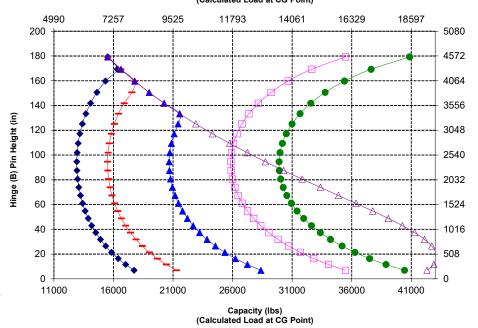
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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

tipping load on firm and level ground or hydraulic limit.

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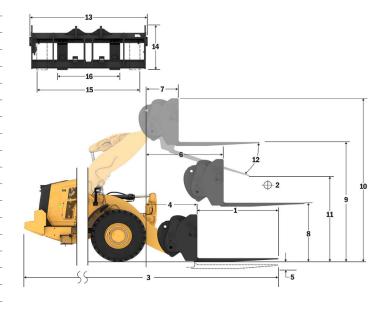


^{*}Negative values indicate below grade

Fork Specifications

го	rk Specifications		
1	Tine Length	mm	1524
_	Lead Contra	in mm	60.0 762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	15314
		lbs	33752
	Static Tipping Load - Articulated (Forks Level)	kg lbs	13619 30017
	D-t111 (0AE 14407 F00/ ET0TL)	kg	6810
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	15008
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8172
	Trainer Load (OLIV LIV II FORTOUGH FORTOUGH OUT FOR L)	lbs	18010
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	8989 19811
		mm	10344
3	Maximum Overall Length	in	407.2
4	Reach with Forks at Ground Level	mm	1407
	Reacti with Forks at Ground Level	in	55.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-149
	Ordana to Bottom or timo at timiliman trongin and tont bottom	in	-5.9
6	Reach with Arms Horizontal and Forks Level	mm in	1982 78.0
_		mm	898
7	Reach with Fork at Maximum Height	in	35.4
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2023
	Glound to Top of Title with Arms Horizontal and Fork Level	in	79.6
9	Ground to Top of Tine at Maximum Height and Fork Level	ḿш	4512
_		in	177.7 5287
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	208.2
	0	mm	3066
11	Clearance at Full Lift and Max Dump	in	120.7
12	Max Discharge Angle from Horizontal	deg	47
	max biodiargo / trigio from Fronzontar		
13	Overall Carriage Width	mm	2217
		in mm	87.3 840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
15	Outside Tille Width (Max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
		in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
	T. T. I	mm	65.0
	Tine Thickness	in	2.6
	Tine Capacity	kg	6300
	тіне Сараску	lbs	13885
	Operating Weight	kg	29171
	-1 3 3	lbs	64293
	*Negative values indicate below grade		





Capacity (kg) (Calculated Load at CG Point)

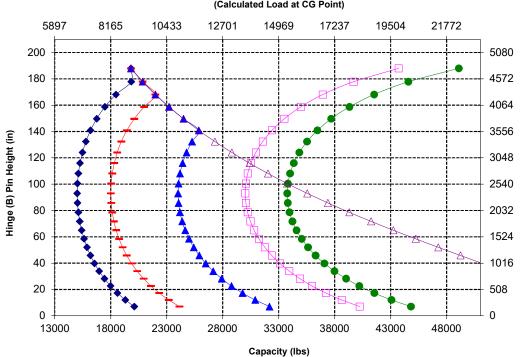


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CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or

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(Calculated Load at CG Point)

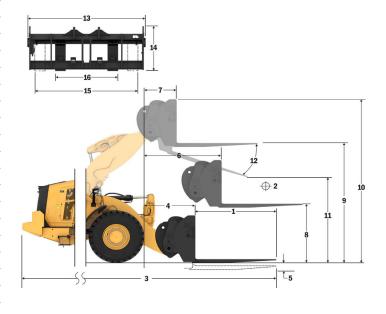
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications	Fork	Spec	cifica	itions
---------------------	------	------	--------	--------

. 0	ik opecifications		
1	Tine Length	mm	1830
		in mm	72.0 915
2	Load Center	in	36.0
	O. C. T O	ka	14666
	Static Tipping Load - Straight (Forks Level)	lbs	32325
	Static Tipping Load - Articulated (Forks Level)	kg	13039
	Static ripping Load - Articulated (Forks Level)	lbs	28737
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6519
	Nateu Loau (SAE 31197 - 30% F131L)	lbs	14369
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7823
	Nated Load (CLIV LIV 474-5 Nough Terrain - 00 /01 151L)	lbs	17242
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7970
	Traced Load (CLIV LIV 474-51 IIIII and Level Ground - 00 /01 151L)	lbs	17566
3	Maximum Overall Length	mm	10650
3	Maximum Overali Lengui	in	419.3
4	Reach with Forks at Ground Level	mm	1407
-	Neach with Forks at Ground Level	in	55.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-149
5	Ground to Bottom of Time at Minimum Height and Fork Level	in	-5.9
6	Reach with Arms Horizontal and Forks Level	mm	1982
0	Reach with Arms horizontal and forks Level	in	78.0
7	Reach with Fork at Maximum Height	mm	898
'	Reach with Fork at Maximum Height	in	35.4
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2023
٥	Ground to Top of Time with Arms Honzontal and Fork Level	in	79.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4512
9	Ground to Top or Time at Maximum Height and Fork Level	in	177.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5287
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	208.2
11	Clearance at Full Lift and Max Dump	mm	2842
• • •	Clearance at ruli Liit and wax bump	in	111.9
12	Max Discharge Angle from Horizontal	doa	47
12	Max Discharge Angle Iron Honzontal	deg	41
12	Overall Carriage Width	mm	2217
	Overall Carriage Width	in	87.3
11	Overall Carriage Height	mm	840
	Overall Carriage Fleight	in	33.1
15	Outside Tine Width (max spread)	mm	2070
10	Odiside Tille Widil (Max Spicad)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	Odiside Tille Widili (Illili spicad)	in	18.5
	Tine Width (single tine)	mm	150.0
	Title vildur (single une)	in	5.9
	Tine Thickness	mm	65.0
	THE THORICOS	in	2.6
	Tine Capacity	kg	5246
	Tille Capacity	lbs	11562
	Operating Weight	kg	29218
	Operating **Orgin	lbs	64396
	*Negative values indicate below and		





Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

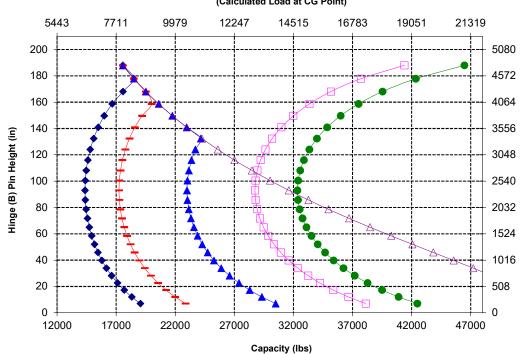


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

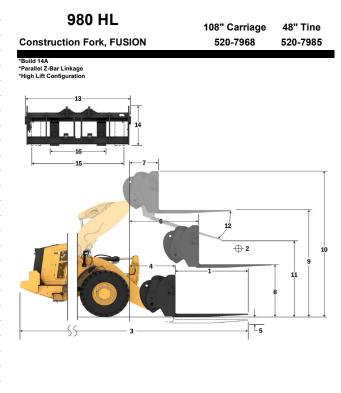


(Calculated Load at CG Point)

^{*}Negative values indicate below grade

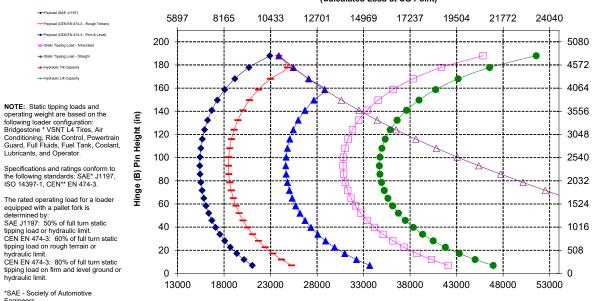
Fork Specifications

	nk opecinications		
1	Tine Length	mm in	1219 48.0
		mm	610
2	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	15737
	Static ripping Load - Straight (Forks Level)	lbs	34684
	Static Tipping Load - Articulated (Forks Level)	kg	13963
	Otatic Tipping Load - Articulated (1 Orks Level)	lbs	30775
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6982
	Trained 2000 (07/2 07/07 00/07 10/2)	<u>lbs</u>	15388
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8378
		lbs	18465
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10837
		lbs	23884
3	Maximum Overall Length	mm	9983
	· •	in	393.0
4	Reach with Forks at Ground Level	mm	1351
		in	53.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-62
	<u> </u>	in	-2.4
6	Reach with Arms Horizontal and Forks Level	mm in	1970
_			77.5 885
7	Reach with Fork at Maximum Height	mm in	34.9
_		mm	2135
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	84.1
_		mm	4625
9	Ground to Top of Tine at Maximum Height and Fork Level	in	182.1
	0 1111111111111111111111111111111111111	mm	5665
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	223.0
	0	mm	3256
11	Clearance at Full Lift and Max Dump	in	128.2
	N 5: 1 A 1 (11 : 11		
12	Max Discharge Angle from Horizontal	deg	53
40	O	mm	2833
13	Overall Carriage Width	in	111.5
44	Overall Corriege Height	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2493
13	Outside Title Width (Max Spread)	in	98.1
16	Outside Tine Width (min spread)	mm	590
-10	Odiside Tille Widit (Illiil Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Title Vilder (olligie elle)	in	7.1
	Tine Thickness	mm	90.0
	THIS THISINGS	in	3.5
	Tine Capacity	kq	22200
	- Into Supusity	lbs	48929
	Operating Weight	kg	29533
	=p====================================	lbs	65091



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

Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)

*SAE - Society of Automotive

hydraulic limit.

Lubricants, and Operator.

Engineers
**CEN - European Committee for



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

Pin Height (mm)

^{*}Negative values indicate below grade

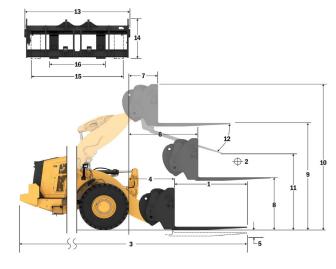
Fork Specifications

Fork Specifications	;
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	opeomeaneme		
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	15033
	otatio ripping 2000 ottaignt (1 onto 2010)	lbs	33133
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	13332
		kg	29384 6666
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14692
	Detect cod (OFN EN 474 & Decemb Terrois COO) FTOT)	kg	7999
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17630
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9455
	Traica Edad (OETT ETT 474 OT HITT and Edver Ground - 00% T TOTE)	lbs	20840
3	Maximum Overall Length	mm	10288
_	· •	in	405.0
4	Reach with Forks at Ground Level	mm in	1351 53.2
		mm	-62
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.4
_	Death with Asses Herinards and Earlie Lavel	mm	1970
6	Reach with Arms Horizontal and Forks Level	in	77.5
7	Reach with Fork at Maximum Height	mm	886
	Reach with Fork at Maximum Height	in	34.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
		in	84.1
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4625
	<u> </u>	in mm	182.1 5665
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	223.0
	0	mm	3012
11	Clearance at Full Lift and Max Dump	in	118.6
12	Max Discharge Angle from Horizontal	deg	53
12	Max Discharge Angle Iron Honzontal	ueg	
13	Overall Carriage Width	mm	2833
	Overall Carriage vivali	in	111.5
14	Overall Carriage Height	mm	1130
		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
	THE WIGHT (SHIGHE)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110101000	in	3.5
	Tine Capacity	ka	17800
	`	lbs	39231
	Operating Weight	kq	29595
		lbs	65227



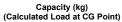
*Build 14A *Parallel Z-Bar Linkage *High Lift Configuration

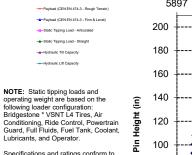


(B) Pin Height (mm)

Hinge (

*Negative values indicate below grade





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

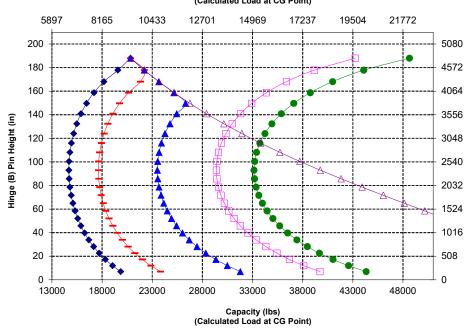
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CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.

tipping load on firm and level ground or hydraulic limit.

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**CEN - European Committee for





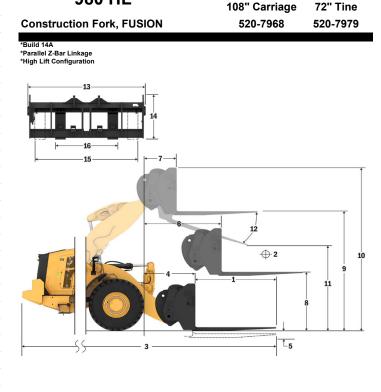
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

980 HL

Fork Specifications

Fork Specifications

	ik opecifications		
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	14378
		lbs kg	31689 12744
	Static Tipping Load - Articulated (Forks Level)	lbs	28088
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6372
	Raied Load (SAE J1197 - 50% F151L)	lbs	14044
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7646
	(lbs	16853
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kq lbs	8359 18422
		mm	10593
3	Maximum Overall Length	in	417.1
4	Reach with Forks at Ground Level	mm	1351
	Treach with 1 orks at Ground Level	in	53.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-62
		in	-2.4
6	Reach with Arms Horizontal and Forks Level	mm in	1970 77.5
		mm	886
7	Reach with Fork at Maximum Height	in	34.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
	Ground to Top of Time with Arms Honzontal and Fork Ecver	in	84.1
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4625
	<u> </u>	in mm	182.1 5665
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	223.0
11	Clearance at Full Lift and Max Dump	mm	2768
	Clearance at Full Lift and Max Dump	in	109.0
12	Max Discharge Angle from Horizontal	deg	53
13	Overall Carriage Width	mm	2833
	<u> </u>	in	111.5 1130
14	Overall Carriage Height	mm in	44.5
45	Outside Tine Width (may arread)	mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	····- ··· ··· ··· ··· ··· ··· ··	in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
	THIC THICKNESS	in	3.5
	Tine Capacity	kg	14800
		lbs	32619
	Operating Weight	kg	29657 65364
		lbs	00304



Capacity (kg) (Calculated Load at CG Point)

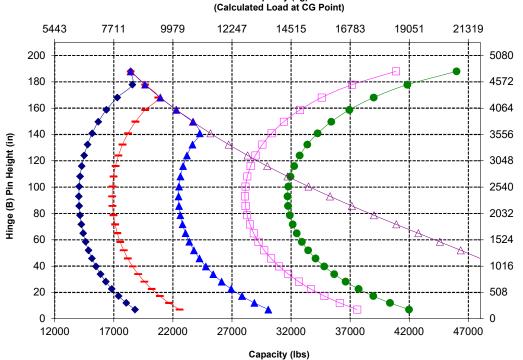


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.
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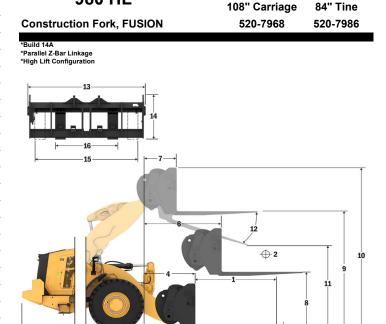
Capacity (lbs)
(Calculated Load at CG Point)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specification	ıs
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. •	. K Opcomouncie		
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	13768
	otatio ripping zoda otatigin (romo zorot)	lbs	30345
	Static Tipping Load - Articulated (Forks Level)	kg	12196
	· · · · · · · · · · · · · · · · · · ·	lbs ka	26880 6098
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	13440
		kg	7318
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	16128
	Detect Load (CEN EN 474 2 Firm and Lovel Crown 900/ FTCTL)	ka	7467
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16457
3	Maximum Overall Length	mm	10898
	iviaximum Overan Lengur	in	429.1
4	Reach with Forks at Ground Level	mm	1351
•	Trouble Will Forto at Ground 2010.	in	53.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-62
		in	-2.4
6	Reach with Arms Horizontal and Forks Level	mm	1970
		in	77.5
7	Reach with Fork at Maximum Height	mm in	886 34.9
	<u> </u>	mm	2135
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	84.1
_		mm	4625
9	Ground to Top of Tine at Maximum Height and Fork Level	in	182.1
40	O	mm	5665
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	223.0
11	Clearance at Full Lift and Max Dump	mm	2524
	Clearance at I dil Liit and Max Dump	in	99.4
12	Max Discharge Angle from Horizontal	deg	53
	Max Districting 7 ringio nom Honzontar		
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
	O + : 1 T M/: H / :	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THIC THICKICS	in	3.5
	Tine Capacity	kg	12700
	Timo Oupuoity	lbs	27991
	Operating Weight	kg	29719
	-1	lbs	65501
	AND THE RESERVE TO THE PARTY OF		



84" Tine

Hinge (B) Pin Height (mm)

980 HL

Capacity (kg) (Calculated Load at CG Point)

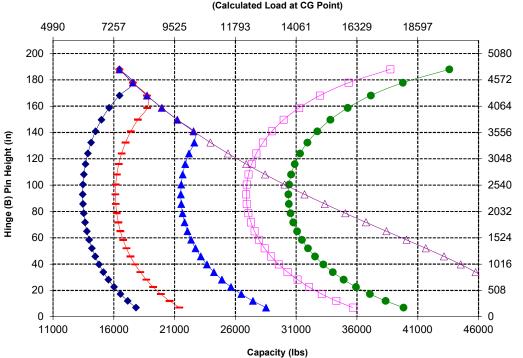


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**CEN - European Committee for Standardization

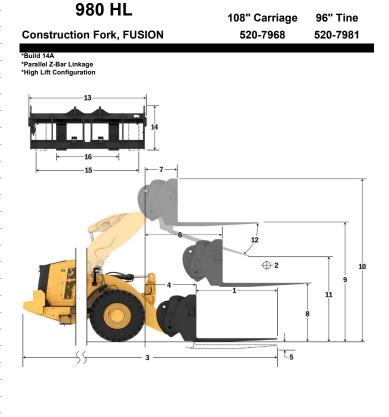


(Calculated Load at CG Point)

^{*}Negative values indicate below grade

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	2000 001101	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	13199 29091
	Static Tipping Load - Articulated (Forks Level)	kg	11685
	otatic ripping Load - Articulated (Forks Level)	lbs	25753
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5842 12876
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6727
	Traces 2544 (5217 217 11 1 5 1 to agri 15 to anii 15 75 1 15 12)	<u>lbs</u>	14826
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	6727 14826
3	Maximum Overall Length	mm	11202
	Waxiindiii Overali Lerigiii	in	441.0
4	Reach with Forks at Ground Level	mm	1351
		in mm	53.2 -62
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.4
6	Reach with Arms Horizontal and Forks Level	mm	1970
	Treach with Airlis Horizonial and Forks Level	in	77.5
7	Reach with Fork at Maximum Height	mm	886
		in mm	34.9 2135
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	84.1
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4625 182.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5665
	Overall Fleight of Fork at Fall Elit (top of carriage to ground)	in	223.0
11	Clearance at Full Lift and Max Dump	mm in	2280 89.8
12	Max Discharge Angle from Horizontal		53
-12	wax discharge Angle Irom Horizontal	deg	
13	Overall Carriage Width	mm in	2833 111.5
44	Or carell Couries a Height	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1 90.0
	Tine Thickness	mm in	3.5
	Tine Conseils	kg	11300
	Tine Capacity	lbs	24905
	Operating Weight	kg	29782
	operating resignit	lbs	65640



Capacity (kg) (Calculated Load at CG P

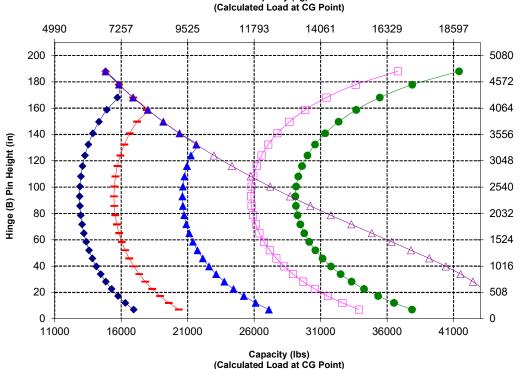


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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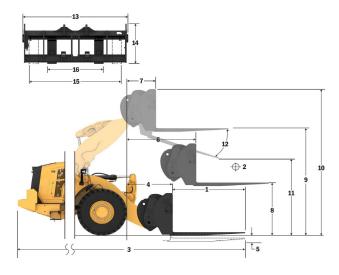


^{*}Negative values indicate below grade

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	14048
	State ripping 25aa Statigrik (1 5rite 2576)	lbs	30961
	Static Tipping Load - Articulated (Forks Level)	kg	12414
	· · · · · · · · · · · · · · · · · · ·	lbs kg	27362 6207
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13681
		kg	7449
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	16417
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8586
	Rated Load (CEN EN 474-3 Film and Level Glound - 80 % F131L)	lbs	18924
3	Maximum Overall Length	mm	10612
_	Waxinani Overali Edilgai	in	417.8
4	Reach with Forks at Ground Level	mm	1371
_		in	54.0
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-96
	<u> </u>	in	-3.8 1969
6	Reach with Arms Horizontal and Forks Level	mm in	77.5
_		mm	885
7	Reach with Fork at Maximum Height	in	34.8
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2097
۰	Ground to Top of Title with Arms Horizontal and Fork Level	in	82.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4586
	Ground to rop or time at Maximum ricignt and ronk Level	in	180.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5630
	. , , , , , , , , , , , , , , , , , , ,	in	221.6
11	Clearance at Full Lift and Max Dump	mm	2674
	<u>'</u>	in	105.3
12	Max Discharge Angle from Horizontal	deg	57
13	Overall Carriage Width	mm	2821
		in mm	111.1 1129
14	Overall Carriage Height	in	44.4
		mm	2627
15	Outside Tine Width (max spread)	in	103.4
40	Outside Tine Width (min enreed)	mm	747
10	Outside Tine Width (min spread)	in	29.4
	Tine Width (single tine)	mm	250.0
	This trial (single tine)	in	9.8
	Tine Thickness	mm	85.0
	1000 1000000000	in	3.3
	Tine Capacity	ka	18700
	• •	lbs	41215
	Operating Weight	kq	30095 66329
		lbs	00329

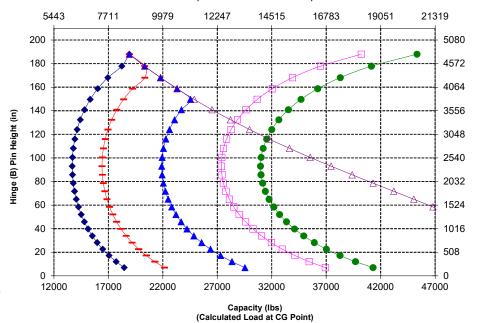




Hinge (B) Pin Height (mm)

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

Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

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

tipping load on firm and level ground or hydraulic limit.

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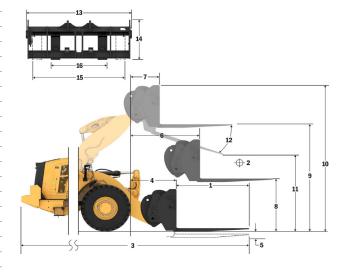
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

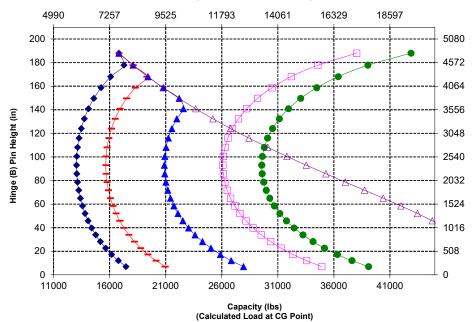
. •	opeoou		
1	Tine Length	mm in	2134 84.0
_	1 10 1	mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	13409
	Otatio ripping Load - Orangin (Forto Level)	lbs	29553
	Static Tipping Load - Articulated (Forks Level)	kg	11838
	· · · · · · · · · · · · · · · · · · ·	lbs kg	26090 5919
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13045
	Detect cod (OEN EN 474 0 Decemb Terrain COO) ETCT)	kg	7103
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15654
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7633
	Transa zona (Oziv ziv ili Torillin ana zovol Olouna Golor Toriz)	lbs	16824
3	Maximum Overall Length	mm in	10921 429.9
		mm	1374
4	Reach with Forks at Ground Level	in	54.1
5	*Cround to Dottom of Ting at Minimum Height and Fork Lavel	mm	-96
	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.8
6	Reach with Arms Horizontal and Forks Level	mm	1969
	Trought Many and Trought and Tomo Edvor	in	77.5
7	Reach with Fork at Maximum Height	mm	885
_		in mm	34.8 2102
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	82.7
_	One and the Total of Time at Manifestory United the and English and	mm	4591
9	Ground to Top of Tine at Maximum Height and Fork Level	in	180.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5630
	O Totali Holgitto i Font at Fall Ent (top of samage to ground)	in	221.6
11	Clearance at Full Lift and Max Dump	mm	2418
	<u> </u>	in	95.2
12	Max Discharge Angle from Horizontal	deg	57
13	Overall Carriage Width	mm	2821
	Ororan Garriago Fridan	in	111.1
14	Overall Carriage Height	mm in	1129 44.4
		mm	2627
15	Outside Tine Width (max spread)	in	103.4
16	Outside Tine Width (min spread)	mm	747
	Outside Title Width (Hill Spread)	in	29.4
	Tine Width (single tine)	mm	250.0
		in	9.8
	Tine Thickness	mm in	90.0 3.5
_	T 0 "	ka	17729
	Tine Capacity	lbs	39075
	Operating Weight	kg	30197
	Operating Weight	lbs	66554





Payload (CEN EN 474-3 - Firm & Level

Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

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

hydraulic limit.

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

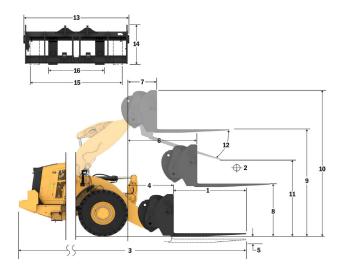
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications	ork	Spec	ificat	ions
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	ik Opecinications		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	12757
		ka	28117 11245
	Static Tipping Load - Articulated (Forks Level)	lbs	24783
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5622
	Nated Load (OAL 11197 - 30 701 101L)	lbs	12392
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	6747 14870
		kg	6791
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14967
3	Maximum Overall Length	mm	11229
	Waxiindiii Overali Lerigiii	in	442.1
4	Reach with Forks at Ground Level	mm	1378
		in mm	54.2 -94
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.7
6	Reach with Arms Horizontal and Forks Level	mm	1974
٥	Reach with Arms nonzonial and Forks Level	in	77.7
7	Reach with Fork at Maximum Height	mm	890
	Trouble Mari Sir de Maximum Froigne	in	35.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	2103 82.8
_	O 11 T (T 111 1 1 1 1 1 1 1 1 1	mm	4593
9	Ground to Top of Tine at Maximum Height and Fork Level	in	180.8
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5630
	Overall Height of Fork at Fall Lift (top of carriage to ground)	in	221.6
11	Clearance at Full Lift and Max Dump	mm	2159 85.0
		in	
12	Max Discharge Angle from Horizontal	deg	57
13	Overall Carriage Width	mm	2821 111.1
		in mm	1127
14	Overall Carriage Height	in	44.4
15	Outside Tine Width (max spread)	mm	2629
10	Outside Title Width (max spread)	in	103.5
16	Outside Tine Width (min spread)	mm	747
	. , ,	in mm	29.4 250.0
	Tine Width (single tine)	in	9.8
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kq	15750
		lbs	34713
	Operating Weight	kg	30348
		lbs	66887





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 * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

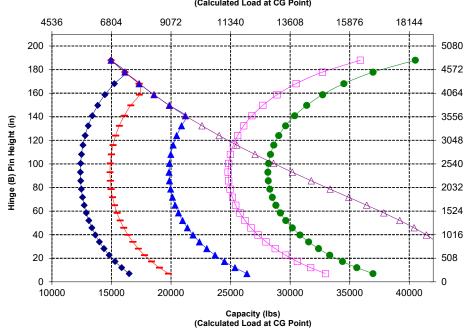
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CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.

tipping load on firm and level ground or hydraulic limit.

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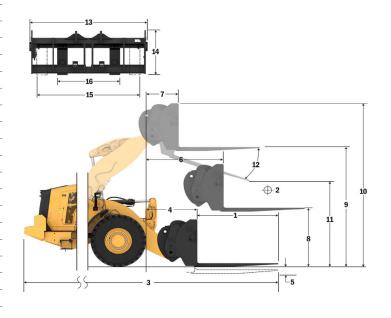


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

. 0	ik opecifications		
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
_	Edd Conto	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	17381 38307
	Static Tipping Load - Articulated (Forks Level)	kg	15118
	otatio (ipping zoda / itaoalatoa (i onto zorot)	lbs	33321
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	7559 16660
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	9071
	Traica Load (OLIV LIV 474 O Roagii Tolialii OO701 TOTL)	lbs	19992
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	9398 20714
3	Maximum Overall Length	mm	10139
	<u> </u>	in mm	399.2 1199
4	Reach with Forks at Ground Level	in	47.2
5	*Cround to Dottom of Tine at Minimum Height and Fork Lovel	mm	-151
	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-5.9
6	Reach with Arms Horizontal and Forks Level	mm	1809
		in	71.2
7	Reach with Fork at Maximum Height	mm in	883 34.7
_	0 11 7 77 71 11 11 15 11 1	mm	2024
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	79.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4292 169.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5067
	Overall Freight of Fork at Fall Lift (top of barriage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm in	2893 113.9
40	May Disabage Angle from Herinantal		
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm in	2217 87.3
		mm	840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	Outside Time Width (max oprodu)	in	81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm in	150.0 5.9
		mm	65.0
	Tine Thickness	in	2.6
	Tine Capacity	kg	6300
	Timo Oupdoity	lbs	13885
	Operating Weight	kg	29675
	*Nonative velves indicate helevy and	lbs	65403





Capacity (kg) (Calculated Load at CG Point)

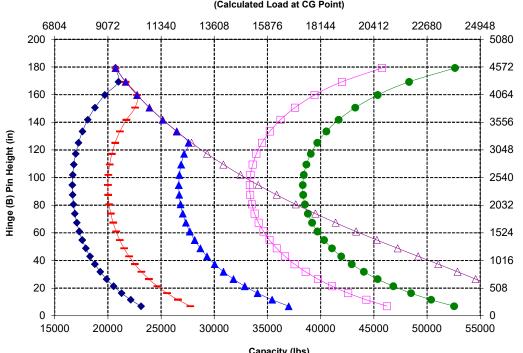


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CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or

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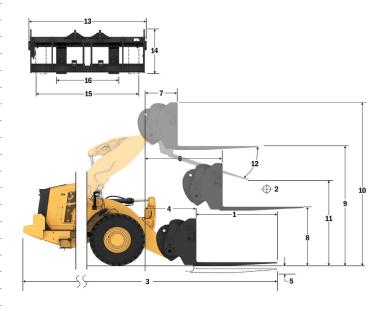
Capacity (lbs) (Calculated Load at CG Point)

^{*}Negative values indicate below grade

Fork Specifications	s
---------------------	---

го	rk Specifications		
1	Tine Length	mm in	1830 72.0
_	1 1 0 1	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	16622
	Otatio Tipping Load - Otraight (Forks Level)	lbs	36635
	Static Tipping Load - Articulated (Forks Level)	kg	14453
	11 5	lbs	31855
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	7227 15928
		kg	8327
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	18352
	Detect Level (OFN EN 474 0 Firm and Level One and Level One)	ka	8327
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	18352
3	Maximum Overall Length	mm	10445
	iviaximum Overali Lengui	in	411.2
4	Reach with Forks at Ground Level	mm	1199
		in	47.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-151
	•	in	-5.9 1809
6	Reach with Arms Horizontal and Forks Level	mm in	71.2
		mm	883
7	Reach with Fork at Maximum Height	in	34.7
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2024
•	Ground to Top of Time with Arms Horizontal and Fork Level	in	79.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4292
	Ordana to Top of Timo at Maximam Holght and Fork 2010	in	169.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5067
	· · · · · · · · · · · · · · · · · · ·	in	199.5 2676
11	Clearance at Full Lift and Max Dump	mm in	105.4
12	Max Discharge Angle from Horizontal	deg	45
12	Overall Carriage Width	mm	2217
13	Overali Carriage Width	in	87.3
14	Overall Carriage Height	mm	840
		in	33.1
15	Outside Tine Width (max spread)	mm	2070
	, ,	in	81.5 470
16	Outside Tine Width (min spread)	mm in	18.5
	Tine Width (single tine)	mm	150.0
	This Trial (onig.s ans)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6 5246
	Tine Capacity	kg lbs	11562
	0 " " " " " " " " " " " " " " " " " " "	kg	29722
	Operating Weight	lbs	65507
		100	00001





Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

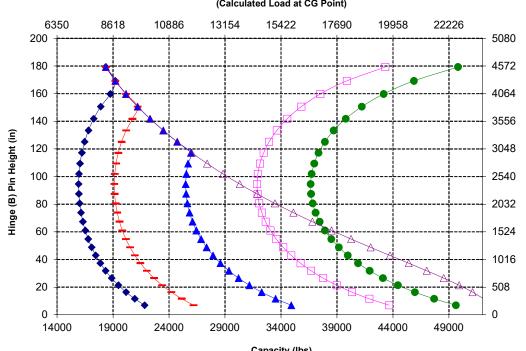


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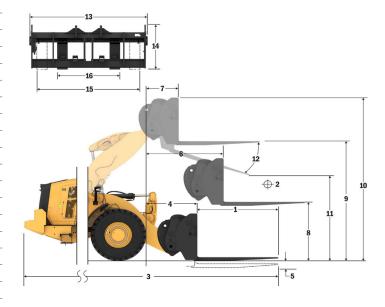


^{*}Negative values indicate below grade

Fork Specifications

	•		
1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Loud Conton	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	17940 39541
	Static Tipping Load - Articulated (Forks Level)	kg	15567
	otatio ripping zoda i rittodiatoa (riono zoror)	lbs	34311
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	7784 17155
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	9340
		lbs	20586 11289
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	24881
3	Maximum Overall Length	mm	9777
		in	384.9
4	Reach with Forks at Ground Level	mm in	1141 44.9
_	*Od R	mm	-65
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1797
	Trought Man / Ame Frontzental and Forte 2010	in	70.7
7	Reach with Fork at Maximum Height	mm in	870 34.2
_	Occupate Top of Tip on the Association and Fortunal Fortunal	mm	2135
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4403 173.4
		mm	5443
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	214.3
11	Clearance at Full Lift and Max Dump	mm	3074
	Oldardio at Fair Ent and Max Barrip	in	121.0
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	2833
	<u> </u>	in	111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm	2493
	Odiside Tille Widit (max spicad)	in	98.1
16	Outside Tine Width (min spread)	mm in	590 23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	1110 1110111000	in	3.5
	Tine Capacity	kg lbs	22200 48929
		kg	30037
	Operating Weight	lbs	66201
	*Negative values indicate below grade		





Capacity (kg) (Calculated Load at CG Point)

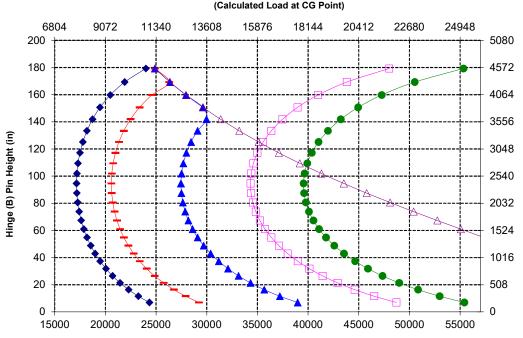


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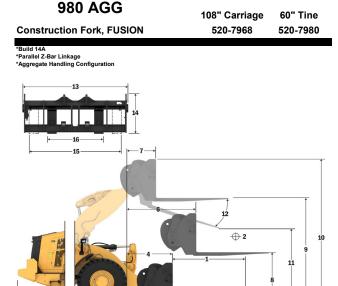
Capacity (lbs)
(Calculated Load at CG Point)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

10	ik opecilications		
1	Tine Length	mm in	1524 60.0
2	Lord Contra	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	17114
	Otatio Tipping Load - Ottaignt (1 Onto Level)	lbs	37718
	Static Tipping Load - Articulated (Forks Level)	kg	14842
	, ,	lbs	32713 7421
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	16356
		kg	8905
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	19628
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9839
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F151L)	lbs	21685
3	Maximum Overall Length	mm	10082
	Muximum Overum Lengur	in	396.9
4	Reach with Forks at Ground Level	ḿш	1141
	·	in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65 -2.5
		in mm	1797
6	Reach with Arms Horizontal and Forks Level	in	70.7
_		mm	870
7	Reach with Fork at Maximum Height	in	34.2
_	Oncome distance of Time with Amore Heritage and Feedy Level	mm	2135
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4403
	Ordana to Top of Time at Maximum Fleight and Fork Eever	in	173.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5443
		in	214.3
11	Clearance at Full Lift and Max Dump	mm	2835 111.6
	<u> </u>	in	
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	ḿш	2833
_	· · · · •	in	111.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
	O + : 1 T W: W / : 1)	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	Title vviditi (Siligle title)	in	7.1
	Tine Thickness	mm	90.0
	THE THORICOS	in	3.5
	Tine Capacity	ka	17800
	···	lbs	39231
	Operating Weight	kg	30099
		lbs	66338



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



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

Payload (CEN EN 474-3 - Firm & Level

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

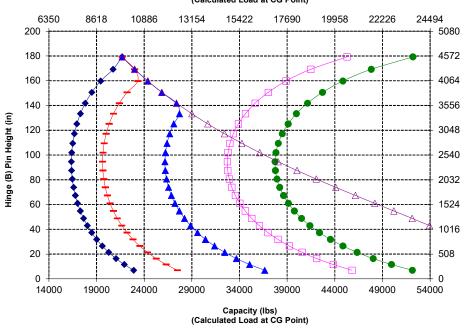
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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

tipping load on firm and level ground or hydraulic limit.

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

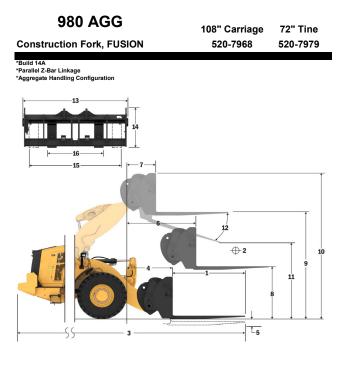




WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

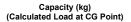
Fork Specifications

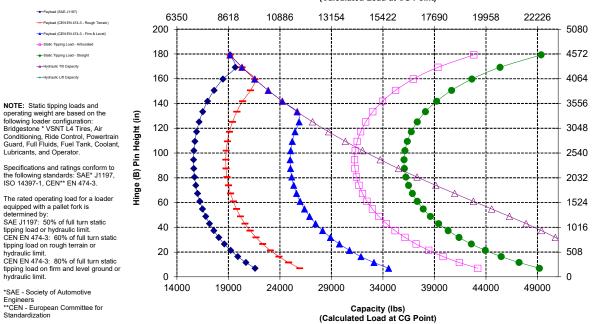
	ik Specifications		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
_	Edd Genter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	16347 36029
		lbs ka	14170
	Static Tipping Load - Articulated (Forks Level)	lbs	31231
	D-4-414 (OAE 14407, FOO/ FTOTI.)	kg	7085
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	15615
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8502
	Trace Load (OLIV LIV II FOR LOADIN FOR LAW 10070 F FOR L	lbs	18738
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8691
	,	lbs mm	19155 10387
3	Maximum Overall Length	in	408.9
		mm	1141
4	Reach with Forks at Ground Level	in	44.9
_	todt- B-tt of Time at Minimum Height and Fedulated	mm	-65
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1797
•	Treach with Anns Honzontal and Forks Level	in	70.7
7	Reach with Fork at Maximum Height	mm	870
	Trouble Marie on at maximum riolgin	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
	<u> </u>	in	84.0 4403
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	173.4
		mm	5443
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	214.3
11	Clearance at Full Lift and Max Dump	mm	2597
11	Clearance at Full Lift and Max Dump	in	102.3
12	Max Discharge Angle from Horizontal	deg	51
	Max Bisonarge 7 angle from Fronzontal		
13	Overall Carriage Width	mm	2833
	· · · · · ·	in	111.5 1130
14	Overall Carriage Height	mm in	44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
40	Outside Time (Middle (sein seemed))	mm	590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	THIS TYRUS (SINGLE BILE)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kq	14800
		lbs	32619
	Operating Weight	kg Ibs	30161 66474
		เทอ	00474



*Negative values indicate below grade

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





Lubricants, and Operator.

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

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

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

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

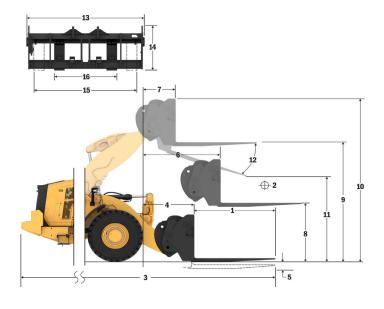
> WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

	n openioaliene		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Ceriter	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	15637
		lbs	34463
	Static Tipping Load - Articulated (Forks Level)	kg lbs	13546 29855
		kg	6773
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14927
	Poted Load (CEN EN 474 3 Pough Torroin, 60% ETSTL)	kg	7759
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17102
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kq	7759
	Traice Load (OLIV LIV 474-51 IIIII and Level Glound - 00%1 101L)	lbs	17102
3	Maximum Overall Length	mm	10692
	That are a second and a second	in	420.9
4	Reach with Forks at Ground Level	mm	1141
		in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65 -2.5
		in mm	1797
6	Reach with Arms Horizontal and Forks Level	in	70.7
_		mm	870
7	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
0	Ground to Top of Title with Arms Horizontal and Fork Level	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4403
	Ground to Top of Time at Maximum Treight and Tork Ecver	in	173.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5443
	Overall treight of tent at tall 2nt (top of carriage to ground)	in	214.3
11	Clearance at Full Lift and Max Dump	mm	2359
	<u> </u>	in	92.9
12	Max Discharge Angle from Horizontal	deg	51
		mm	2833
13	Overall Carriage Width	in	111.5
44	Overell Comings Height	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	Outside Tille Width (Max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	Catolae Tine Trian (IIIII oproda)	in	23.2
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 12700
	Tine Capacity	lbs	27991
	0 5 141:11	kg	30223
	Operating Weight	lbs	66611
			30011





Hinge (B) Pin Height (mm)

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

Capacity (kg) (Calculated Load at CG Point)



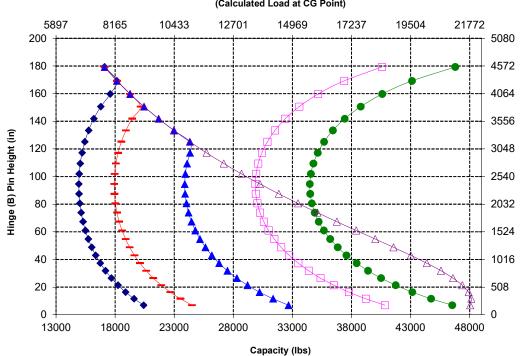
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

-+- 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

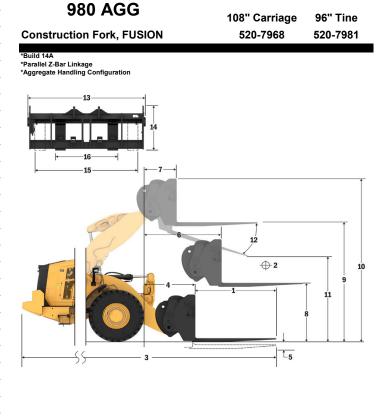
*SAE - Society of Automotive Engineers **CEN - European Committee for Standardization



^{*}Negative values indicate below grade

Fork Specifications

1	Tine Length	mm in	2438 96.0
_	Lood Conton	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	14976
	Otatio Tipping Load - Ottaignt (1 Orto Level)	lbs	33008
	Static Tipping Load - Articulated (Forks Level)	kg	12965
	· · · · · · · · · · · · · · · · · · ·	lbs ka	28575
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	6483 14288
	D-1-414 (OEN EN 474 O.D T	kq	6988
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15401
	Poted Load (CEN EN 474 2 Firm and Lovel Cround, 2007, ETCTL)	kg	6988
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15401
3	Maximum Overall Length	mm	10996
,		in	432.9
4	Reach with Forks at Ground Level	mm	1141
•		in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65 2.5
	<u> </u>	in	-2.5 1797
6	Reach with Arms Horizontal and Forks Level	mm in	70.7
_	B. I. M. E. I. M. C. H. M. C.	mm	870
7	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
•	Ground to Top of Time with Arms Horizontal and Fork Level	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4403
	2.2 to rep or this at maximum riorgin and ronk Lovel	in	173.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5443
	· · · · · · · · · · · · · · · · · · ·	in	214.3
11	Clearance at Full Lift and Max Dump	mm	2122 83.5
		<u>in</u>	
12	Max Discharge Angle from Horizontal	deg	51
42	Overall Carriage Width	mm	2833
13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
	Overall Garriage Freight	in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in	97.8
16	Outside Tine Width (min spread)	mm	590 23.2
		in mm	180.0
	Tine Width (single tine)	in	7.1
	The Thirdeness	mm	90.0
	Tine Thickness	in	3.5
	Tine Canacity	kg	11300
	Tine Capacity	lbs	24905
	Operating Weight	kg	30286
	Operating Weight	lbs	66750



Capacity (kg) (Calculated Load at CG Point)



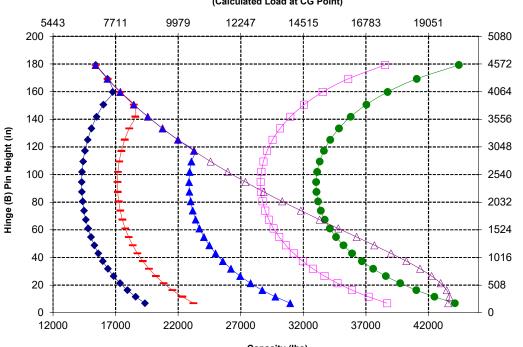
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

tipping load on firm and level ground or

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



Capacity (lbs) (Calculated Load at CG Point)

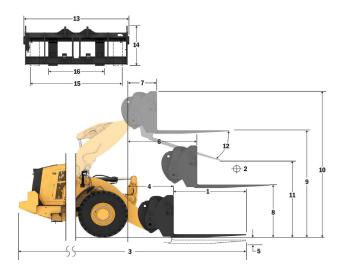
^{*}Negative values indicate below grade

Fork Specifications

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

mm in min kg lbs kg lbs kg kg kg kg kg mm in	1829 72.0 914 36.0 1602 3530: 1384 3051: 6922 15256 8307 18308 409.8 1162 45.8 45.8 45.8
mm in kg lbs kg lbs kg lbs kg lbs mm in mm in mm in	914 36.0 16020 3530 1384 3051: 6922 1525 8307 1830: 8905 1962: 1040: 409.8 45.8 -99
kg lbs kg lbs kg lbs kg lbs mm in mm in mm	1602(3530) 1384(3051) 6922(1525) 8307 1830(8905) 1040(409.8) 1162(45.8) 99 -3.9
lbs kg lbs kg lbs kg lbs kg lbs mm in mmm in mmm in	35309 13844 30511 6922 15250 8307 18300 8905 1962 10400 409.8 1162 45.8 99 -3.9
kg lbs kg lbs kg lbs mm in mm in mm in mm	13844 3051; 6922 15256 8307 18306 8905 1962; 10409.8 409.8 45.8 -99
lbs kg lbs kg lbs mm in mm in mm in mm in	3051; 6922 15256 8307 18308 8905 1962 10408 409.8 1162 45.8 -99
kg lbs kg lbs kg lbs mm in mm in mm in	6922 15256 8307 18306 8905 1962 10406 409.8 1162 45.8 -99
lbs kg lbs kg lbs mm in mm in mm in	8307 18308 8905 1962 10408 409.8 1162 45.8 -99 -3.9
lbs kg lbs mm in mm in mm in mm	18308 8905 1962 10408 409.8 1162 45.8 -99
kg lbs mm in mm in mm in mm	8905 1962 10408 409.8 1162 45.8 -99 -3.9
Ibs mm in mm in mm in mm in	1962 10408 409.8 1162 45.8 -99 -3.9
mm in mm in mm in mm	10408 409.8 1162 45.8 -99 -3.9
in mm in mm in mm in	409.8 1162 45.8 -99 -3.9
mm in mm in mm in	1162 45.8 -99 -3.9
in mm in mm in	45.8 -99 -3.9
in mm in	-3.9
mm in	
in	
	1796
mm	70.7
	869
in	34.2
mm in	2095 82.5
	4364
	171.8
mm	5407
in	212.9
mm	2498
in	98.3
deg	55
mm	2821
in	111.1
	1129
	44.4 2627
	103.4
	747
	29.4
in	250.0
in mm	
mm in	9.8
mm in mm	9.8 85.0
mm in mm in	9.8 85.0 3.3
mm in mm in kg	9.8 85.0 3.3 1870
mm in mm in	9.8 85.0 3.3
	mm in mm in mm in mm in deg mm in in mm

2x 130 mm HE Tilt Cylinders 980 AGG 108" Carriage 72" Tine Construction Fork, HD, FUSION 523-4200 523-4199



Hinge (B) Pin Height (mm)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

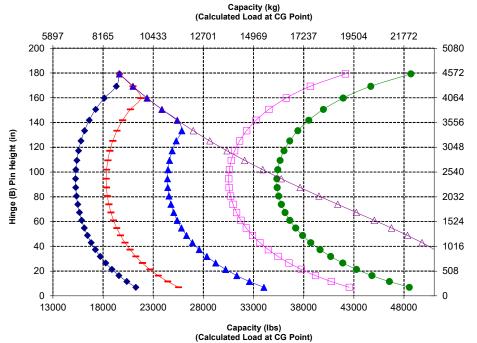
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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

tipping load on firm and level ground or hydraulic limit.

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





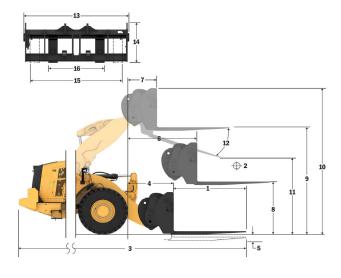
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

_			
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
		in ka	42.0 15281
	Static Tipping Load - Straight (Forks Level)	lbs	33680
	Static Tipping Load - Articulated (Forks Level)	kg	13192
	Citato Tipping Load - Attoutated (Forto Level)	lbs	29075
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	6596 14537
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7914
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F151L)	lbs	17442
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7914
	,	lbs mm	17442 10717
3	Maximum Overall Length	in	421.9
4	Reach with Forks at Ground Level	mm	1166
-	Reach with Forks at Glound Level	in	45.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-99
		in mm	-3.9 1796
6	Reach with Arms Horizontal and Forks Level	in	70.7
7	Reach with Fork at Maximum Height	mm	869
	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2100
	<u>'</u>	in mm	82.7 4369
9	Ground to Top of Tine at Maximum Height and Fork Level	in	172.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5407
10	Overall Fleight of Fork at Full Lift (top of carriage to ground)	in	212.9
11	Clearance at Full Lift and Max Dump	mm	2247
	<u>'</u>	in	88.5
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2821 111.1
		mm	1129
14	Overall Carriage Height	in	44.4
15	Outside Tine Width (max spread)	mm	2627
	Cutolac Tille Wildli (Max Spread)	in	103.4
16	Outside Tine Width (min spread)	mm in	747 29.4
	Time 18/1:445 (-in-ste-4in-1)	mm	250.0
	Tine Width (single tine)	in	9.8
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	17729 39075
	On avating Waight	ka	30701
	Operating Weight	lbs	67664



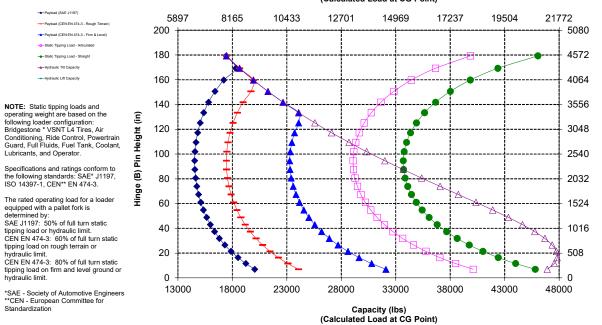


Payload (CEN EN 474-3 - Firm & Level

Lubricants, and Operator.

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

Capacity (kg) (Calculated Load at CG Point)



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

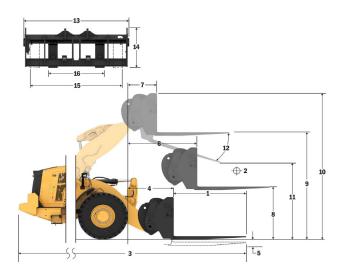
^{*}Negative values indicate below grade

Fork Specifications

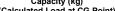
Fork Specification	าร
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1	Tine Length	mm	2438 96.0
2	Load Center	in mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	14537
	Chaile Tipping 2000 Chaight (1 onto 2010)	lbs	32041
	Static Tipping Load - Articulated (Forks Level)	kg	12529
		lbs kg	27614 6265
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13807
	D	ka	7041
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15518
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7041
	Rated Load (CEN EN 474-3 Film and Level Ground - 60% F151L)	lbs	15518
3	Maximum Overall Length	mm	11025
	Maximum Overali Eengur	in	434.1
4	Reach with Forks at Ground Level	mm	1170
		in	46.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-98
	<u> </u>	in	-3.8 1801
6	Reach with Arms Horizontal and Forks Level	mm in	70.9
_		mm	874
7	Reach with Fork at Maximum Height	in	34.4
_	One would be Ton of Time with Association and I and I and I	mm	2102
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	82.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4370
9	Ground to Top of Time at Maximum Height and Fork Level	in	172.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5407
		in	212.9
11	Clearance at Full Lift and Max Dump	mm	1994
	<u>'</u>	in	78.5
12	Max Discharge Angle from Horizontal	deg	55
		mm	2821
13	Overall Carriage Width	in	111.1
11	Overall Carriage Height	mm	1127
14	Overall Carriage Height	in	44.4
15	Outside Tine Width (max spread)	mm	2629
	Outside Title Width (Max Spread)	in	103.5
16	Outside Tine Width (min spread)	mm	747
	· ' ' '	in	29.4
	Tine Width (single tine)	mm in	250.0 9.8
		mm	90.0
	Tine Thickness	in	3.5
	T 0 "	ka	15750
	Tine Capacity	lbs	34713
		ka	30852
	Operating Weight		

2x 130 mm HE Tilt Cylinders 980 AGG 108" Carriage 96" Tine Construction Fork, HD, FUSION 523-4199 523-4202



Hinge (B) Pin Height (mm)





NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

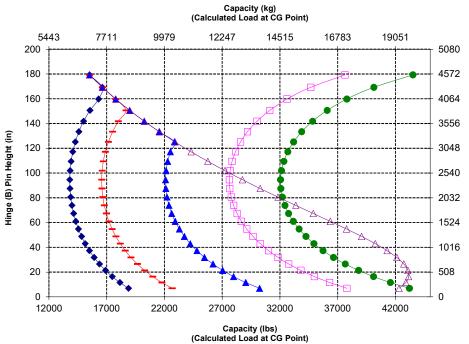
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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

tipping load on firm and level ground or hydraulic limit.

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





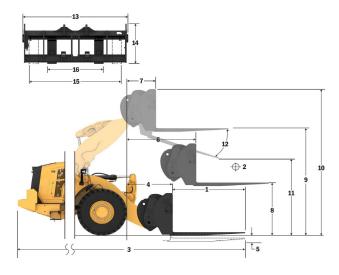
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications	;
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. •	in opecinications		
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	17380
	Class Tipping 2000 Chaight (1 onto 2010)	lbs	38305
	Static Tipping Load - Articulated (Forks Level)	kg	15117
	· · · · · · · · · · · · · · · · · · ·	lbs kg	33319 7559
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	16659
		ka	9070
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	19991
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	12094
	Rated Load (CEN EN 474-3 Film and Level Glound - 60% F151L)	lbs	26655
3	Maximum Overall Length	mm	10139
	Waxiinum Overali Lengui	in	399.2
4	Reach with Forks at Ground Level	mm	1199
		in	47.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-151
		in	-5.9
6	Reach with Arms Horizontal and Forks Level	mm in	1809 71.2
		mm	883
7	Reach with Fork at Maximum Height	in	34.7
_	0 11 7 17 11 11 11 15 11 1	mm	2024
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	79.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4292
9	Ground to Top or Time at Maximum Height and Fork Level	in	169.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5067
	Overall Height of Fork at Fall (top of samage to ground)	in	199.5
11	Clearance at Full Lift and Max Dump	mm	2893
		in	113.9
12	Max Discharge Angle from Horizontal	deg	45
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
	O T	mm	470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
	Title viluit (single title)	in	5.9
	Tine Thickness	mm	65.0
	1110 1110111000	in	2.6
	Tine Capacity	kq	6300
	• •	lbs	13885
	Operating Weight	kq	29725 65514
		lbs	00514





Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

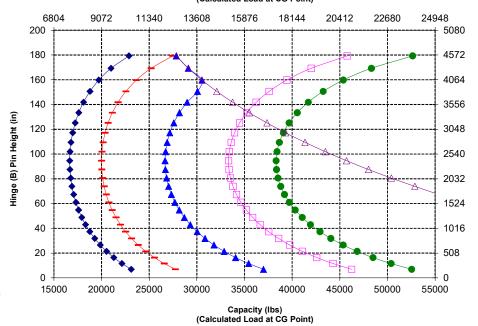
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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

tipping load on firm and level ground or hydraulic limit.

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

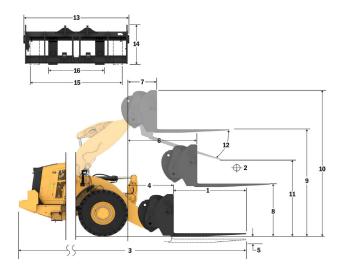
^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications	;
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1 Tine Length mm 18 in 72 18 in 72 2 Load Center mm 9 in 78 in 73 in 74
2 Load Center
Static Tipping Load - Straight (Forks Level) Static Tipping Load - Articulated (Forks Level) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL Static Tipping Load (CEN EN 474-3 FTSTL) Static Tipping Load (CEN EN 474-3 FTSTL) Static Tipping Load
Static Tipping Load - Statilit (Forks Level) Ibs 366 Static Tipping Load - Articulated (Forks Level) Rg 144 Rated Load (SAE J1197 - 50% FTSTL) Rg 72 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-
Static Tipping Load - Articulated (Forks Level)
Rated Load (SAE J1197 - 50% FTSTL) Ibs 318 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) Rated Load (CEN EN 474-3 FTSTL) Rated Lo
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) Ibs 191
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Res 19 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Res 247 Sax 247 Sax 247 Sax 247 Sax Sax 247 Sax S
Section Sect
3 Maximum Overall Length mm 104 104 104 104 104 104 104 104 104 105
Maximum Overall Length In 41:
Reach with Forks at Ground Level mm 11 in A7
S *Ground to Bottom of Tine at Minimum Height and Fork Level
Feedback Feedback
Reach with Arms Horizontal and Forks Level mm 18 n 71
Reach with Fork at Maximum Height mm 8 Reach with Fork at Maximum Height mm 20 mm
7 Reach with Fork at Maximum Height mm 8 in 3 km 3 km 3 km 3 km 3 km 4 km 4 km 4 km
Section Sect
8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 20 in 79 or 79 20 in 79 or 79 9 Ground to Top of Tine at Maximum Height and Fork Level in 160 or 16
9 Ground to Top of Time with Aritis Roll Zollial and Pork Level in 79 mm 42 161
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 50 in 18 19 11 Clearance at Full Lift and Max Dump mm 26 in 10 11 12 Max Discharge Angle from Horizontal deg 4 13 Overall Carriage Width mm 22 in 87 14 Overall Carriage Height mm 84 in 33 15 Outside Tine Width (max spread) in 81 15 Outside Tine Width (max spread) in 81 15 16 16 16 16 16 16 1
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 50 mm 50 mm 51 11 Clearance at Full Lift and Max Dump mm 26 mm 191 12 Max Discharge Angle from Horizontal deg 4 13 Overall Carriage Width mm 22 mm 24 mm 25 mm 26 mm 27 mm 27 mm 28 mm 28 mm 28 mm 29 mm 29 mm 20 mm 2
11 Clearance at Full Lift and Max Dump mm 26 in 19/1 12 Max Discharge Angle from Horizontal deg 4 13 Overall Carriage Width mm 22 in 8/1 14 Overall Carriage Height mm 87 in 33 15 Outside Tine Width (max spread) mm 87 in
11 Clearance at Full Lift and Max Dump mm bin 10% in 10% in 10% in 10% 26 min 10% in 10% in 10% 12 Max Discharge Angle from Horizontal deg 4 min 20 min 20 min 20% in 87 4 min 20 min 20% in 87 13 Overall Carriage Width mm 80 min 20 min 20% in 81 4 min 20 min 20% in 81 15 Outside Tine Width (max spread) in 81 min 20 min 20 min 20 min 20% in 81
11 Clearance at Full Lift and Max Dump in 10! 12 Max Discharge Angle from Horizontal deg 4 13 Overall Carriage Width mm 22 14 Overall Carriage Height mm 84 15 Outside Tine Width (max spread) mm 20
12 Max Discharge Angle from Horizontal deg 4 13 Overall Carriage Width mm 22 14 Overall Carriage Height in 33 15 Outside Tine Width (max spread) in 81
13 Overall Carriage Width mm st (n = 87) 22 (n = 87) 14 Overall Carriage Height mm st (n = 87) 82 (n = 87) 15 Outside Tine Width (max spread) in = 81
13 Overall Carriage Width in 87 14 Overall Carriage Height mm 86 15 Outside Tine Width (max spread) mm 20 in 81 mm 20 mm 20
14 Overall Carriage Height mm 8/1
14 Overall carriage Height in 33 15 Outside Tine Width (max spread) in 81
15 Outside Tine Width (max spread) mm 20 in 81 in 81
in 81
mm 47
46 Outside Tine Width (min enreed)
16 Outside Tine Width (min spread) in 18
Tine Width (single tine) mm 150
in 5.
Tine Thickness mm 65
in 2.
Tine Capacity Kg 52 Ibs 115
Operating Weight kg 297

000 ACC OC	2x 150 mm HE Tilt Cylinders		
980 AGG QC	87" Carriage	72" Tine	
Pallet Fork, FUSION	530-1861	530-1869	



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

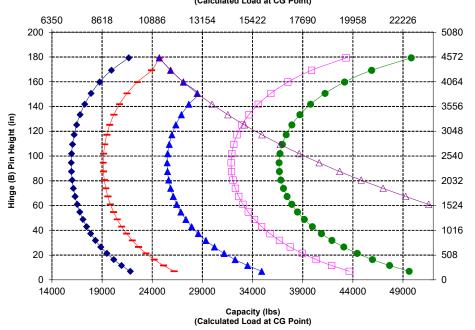


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants and Operator. Lubricants, and Operator.

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.

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**CEN - European Committee for
Standardization



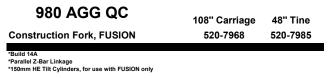


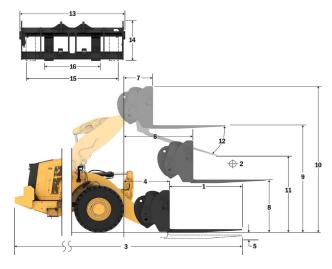
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

	opeomouneme		
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	17940
		lbs ka	39539 15566
	Static Tipping Load - Articulated (Forks Level)	lbs	34308
	Rated Load (SAE J1197 - 50% FTSTL)	kg	7783
	Rated Load (SAE 31197 - 50% F151L)	lbs	17154
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	9340
	((lbs	20585
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	12453 27447
_		mm	9777
3	Maximum Overall Length	in	384.9
4	Reach with Forks at Ground Level	mm	1141
-	Reacti Willi Forks at Glouriu Level	in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65
_		in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1797 70.7
_		in mm	870
7	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
۰	Ground to Top of Time with Arms Florizontal and Fork Level	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4403
	· · · · · · · · · · · · · · · · · · ·	in	173.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5443 214.3
		mm	3074
11	Clearance at Full Lift and Max Dump	in	121.0
42	Max Discharge Angle from Horizontal	deg	51
12	Max Discharge Angle Ironi Horizontal	ueg	
13	Overall Carriage Width	mm	2833
	g	in	111.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2493
15	Outside Tine Width (max spread)	in	98.1
40	Outside Tine Width (min spread)	mm	590
10	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	This Trialit (chigie this)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	ka Ibs	22200 48929
_	0 " W'''	ka	30087
	Operating Weight	lbs	66312





Capacity (kg) (Calculated Load at CG Point)

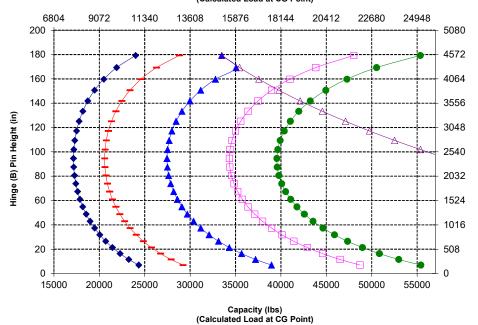


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WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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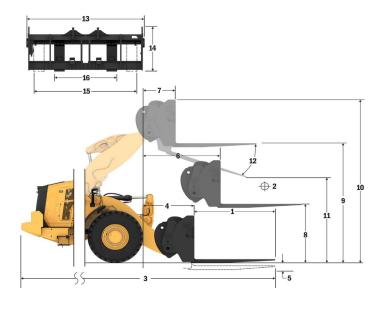
Fork Specifications

Fork Specifica	ations
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	n opcomounone		
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	17113
		lbs	37717
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	14842 32711
	D + 11	kg	7421
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	16355
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8905
	Traice Load (OLIV EIV 474-5 Trough Terrain - 00701 TOTE)	lbs	19626
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	11873
		lbs	26169
3	Maximum Overall Length	mm in	10082 396.9
		mm	1141
4	Reach with Forks at Ground Level	in	44.9
_	*Crowned to Dottom of Time at Minimum Height and Fork Lavel	mm	-65
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1797
_	Trought Will 7 time Florizontal and Force Eaver	in	70.7
7	Reach with Fork at Maximum Height	mm	870
	<u> </u>	in	34.2 2135
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	84.0
_	0 11 7 77 111 15 11 1	mm	4403
9	Ground to Top of Tine at Maximum Height and Fork Level	in	173.4
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5443
10	Overall Height of Fork at Full Lift (top of carnage to ground)	in	214.3
11	Clearance at Full Lift and Max Dump	mm	2835
	<u>'</u>	in	111.6
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	2833
	Overall Carriage Wilder	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
	Tine Width (single tine)	mm	180.0
	THE WIGHT (SHIGHE HITE)	in	7.1
	Tine Thickness	mm	90.0
	1015 1105001555	in	3.5
	Tine Capacity	kg	17800
		lbs	39231 30149
	Operating Weight	kg Ibs	66448
		IDS	00440



*Parallel Z-Bar Linkage
*150mm HE Tilt Cylinders, for use with FUSION only



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



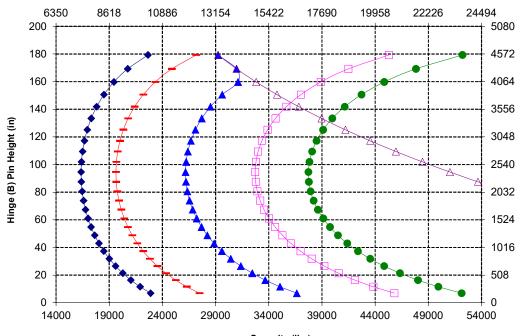
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

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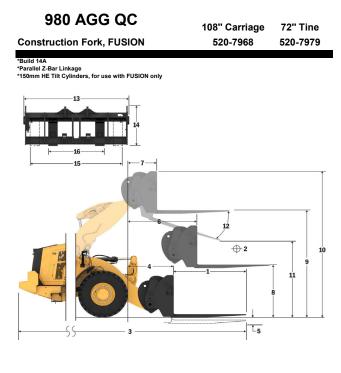
Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)

Fork Specifications

2	1829 72.0 915 36.02 14169 31229 7085 15614 8501 18737 11335 24983 10387 408.9 1141 44.9
2 Load Center mm 5 3 3 3 3 3 3 3 3 3	915 36.0 16347 36028 14168 31229 7085 15614 8501 18737 11338 24983 10387 408.9
Static Tipping Load - Straight (Forks Level) kg 16 kg 18 kg 18	16347 36028 14169 31229 7085 15614 8501 18737 11335 24983 10387 408.9
Static Tipping Load - Straight (Forks Level) Ibs 36 Static Tipping Load - Articulated (Forks Level) Ibs 31 Rated Load (SAE J1197 - 50% FTSTL) Ibs 15 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 16 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 16 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 24 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL Ibs 14 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL Ibs 14 Rated Loa	36028 14169 31229 7085 15614 8501 18737 11335 24983 10387 408.9
Static Tipping Load - Articulated (Forks Level) 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) Static Tipping Level Static Tipping Lev	14169 31229 7085 15614 8501 18737 11335 24983 10387 408.9
Rated Load (SAE J1197 - 50% FTSTL) Ibs 31	31229 7085 15614 8501 18737 11335 24983 10387 408.9
Rated Load (SAE J1197 - 50% FTSTL) kg Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 8 8 8 8 8 8 8 8 8	7085 15614 8501 18737 11335 24983 10387 408.9
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) Maximum Overall Length Reach with Forks at Ground Level The standard of the standard forms at Minimum Height and Fork Level Reach with Arms Horizontal and Forks Level Reach with Fork at Maximum Height Reach with Fork at Maximum Height Reach with Arms Horizontal and Forks Level Reach with Fork at Maximum Height Reach with Fork at Maximum Height Reach with Fork at Maximum Height Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground)	8501 18737 11335 24983 10387 408.9
Rated Load (CEN EN 474-3 Rough Terrain - 50% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Maximum Overall Length Reach with Forks at Ground Level Reach with Forks at Ground Level Reach with Forks at Ground Level Reach with Arms Horizontal and Forks Level Reach with Arms Horizontal and Forks Level Reach with Fork at Maximum Height Reach with Fork at Maximum Height Reach with Fork at Maximum Height Reach with Top of Tine with Arms Horizontal and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Maximum Height and Fork Level Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground) Reach with Fork at Full Lift (top of carriage to ground)	18737 11335 24983 10387 408.9
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	11335 24983 10387 408.9 1141
1 1 1 1 1 1 1 1 1 1	24983 10387 408.9 1141
3 Maximum Overall Length in 4 4 Reach with Forks at Ground Level mm 1 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 1 6 Reach with Arms Horizontal and Forks Level mm 1 7 Reach with Fork at Maximum Height in 3 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 9 Ground to Top of Tine at Maximum Height and Fork Level mm 8 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 11 Clearance at Full Lift and Max Dump in 1 12 Max Discharge Angle from Horizontal deg 13 Overall Carriage Width mm 2 14 Overall Carriage Width mm 2 15 Overall Carriage Width mm 1	10387 408.9 1141
1	408.9 1141
4 Reach with Forks at Ground Level in 4 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 1 6 Reach with Arms Horizontal and Forks Level mm 1 7 Reach with Fork at Maximum Height mm 2 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 11 Clearance at Full Lift and Max Dump mm 2 12 Max Discharge Angle from Horizontal deg 13 Overall Carriage Width mm 2 14 Overall Carriage Width mm 1	1141
1	
10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 12 13 14 15 15 15 15 15 15 15	
Reach with Arms Horizontal and Forks Level mm 1 in 7 7 Reach with Fork at Maximum Height mm 8 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 2 1 in 8 1 1 1 1 1 1 1 1 1	-65
10 Overall Carriage Width 11 Overall Carriage Width 12 Overall Carriage Width 13 14 Overall Carriage Weight 14 Overall Carriage Weight 15 Overall Carriage Width 15 Overall Carriage Width 16 Overall Carriage Width 17 Overall Carriage Width 17 Overall Carriage Width 18 Overall Carriage Width 19 Overall Carriage Width 19 Overall Carriage Width 19 Overall Carriage Width 19 Overall Carriage Weight 19	-2.5
7 Reach with Fork at Maximum Height mm 8 mm 9 ground to Top of Tine with Arms Horizontal and Fork Level mm 4 mm 4 mm 1	1797
1	70.7
8 Ground to Top of Tine with Arms Horizontal and Fork Level in 8 mm 2 in 8 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 in 11 mm 2 in 11 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 in 2 in 11 2 in 12 11 Clearance at Full Lift and Max Dump in 1 in 11 deg 12 Max Discharge Angle from Horizontal deg mm 2 in 11 13 Overall Carriage Width mm 2 in 11 mm 2 in 11	870
9 Ground to Top of Time with Arins Holzontal and Pork Level in 8 8 9 Ground to Top of Time at Maximum Height and Fork Level mm 4 10 10 10 10 10 10 10	34.2 2135
9 Ground to Top of Tine at Maximum Height and Fork Level mm 4 in 1 in	84.0
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5 in 2 11 Clearance at Full Lift and Max Dump mm 2 12 Max Discharge Angle from Horizontal deg 13 Overall Carriage Width mm 2 in 11 14 Overall Carriage Height mm 1 14 Overall Carriage Height mm 1 15 16 17 17 18 18 19 19 19 19 19 19	4403
10 Overall Reight of Polk at Pull Lift (lop of carriage to ground) in 2:	173.4
11 Clearance at Full Lift and Max Dump mm 2 m 11 12 Max Discharge Angle from Horizontal deg	5443
10	214.3
I2 Max Discharge Angle from Horizontal deg I3 Overall Carriage Width mm 2 in 1: IA Overall Carriage Height mm 1	2597
3 Overall Carriage Width	102.3
13 Overall Carriage Width in 1: 14 Overall Carriage Height mm 1	51
M Overall Carriage Height mm 1	2833
	111.5 1130
	44.5
2	2483
	97.8
16 Outside Tine Width (min spread) mm 5	590
	23.2
	180.0
, , , , , , , , , , , , , , , , , , ,	7.1
	90.0
l 44	2 5
	3.5
	14800



*Negative values indicate below grade

Payload (CEN EN 474-3 - Firm & Level

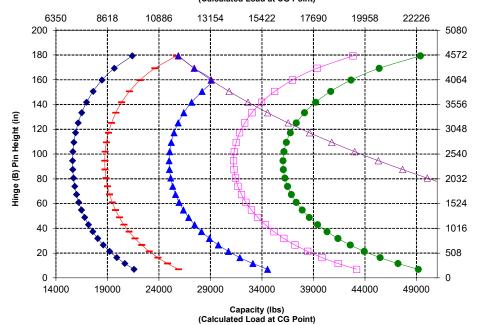
Capacity (kg) (Calculated Load at CG Point)



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

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

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





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

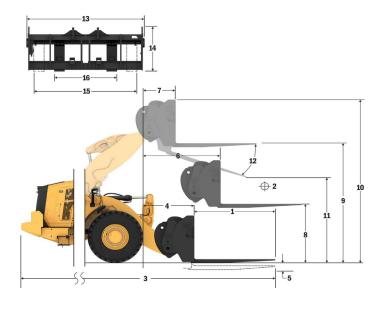
Fork Specifications

Fork Specifications

	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	15636
		lbs	34462
	Static Tipping Load - Articulated (Forks Level)	kg	13545
	· · · · · · · · · · · · · · · · · · ·	lbs kg	29853 6773
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14927
		ka	8127
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17912
	Detection of (OEN EN 474 0 Firms and Level Occurred 1988/ ETGTL)	ka	10508
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	23160
3	Maximum Overall Length	mm	10692
3	Maximum Overali Lengtii	in	420.9
4	Reach with Forks at Ground Level	mm	1141
	Treach With Folks at Ground Level	in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65
	Ground to Bottom or Time at Minimum Floight and Fork Edvor	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1797
		in	70.7
7	Reach with Fork at Maximum Height	ṁш	870
	<u> </u>	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
	· · · · · · · · · · · · · · · · · · ·	in	84.0 4403
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	173.4
		mm	5443
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	214.3
		mm	2359
11	Clearance at Full Lift and Max Dump	in	92.9
40	Man Disabanna Anala francistantal		
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	2833
	Overall Garriage Width	in	111.5
14	Overall Carriage Height	mm	1130
	Overall Guinage Floight	in	44.5
15	Outside Tine Width (max spread)	mm	2483
	- (1 /	in	97.8
16	Outside Tine Width (min spread)	mm	590
	, , ,	in	23.2
	Tine Width (single tine)	mm	180.0
	· · · · · · · · · · · · · · · · · · ·	in	7.1 90.0
	Tine Thickness	mm in	3.5
		ka	12700
	Tine Capacity	lbs	27991
		kg	30273
	Operating Weight	lbs	66721
	*Negative velves indicate below goods	153	30121



*Parallel Z-Bar Linkage
*150mm HE Tilt Cylinders, for use with FUSION only



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

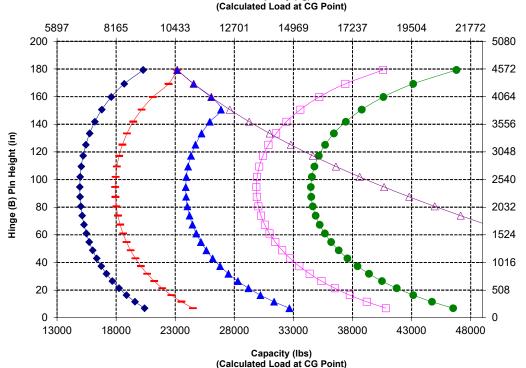


NOTE: Static tipping loads and operating weight are based on the Following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

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 equipped with a patient 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

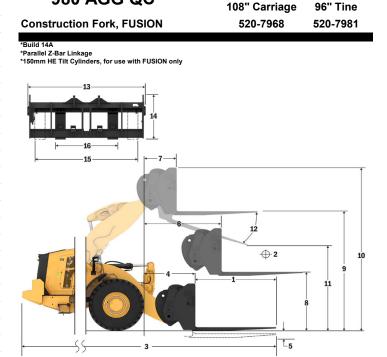


980 AGG QC

Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Octilor	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	14976 33007
	O. C. T	kg	12965
	Static Tipping Load - Articulated (Forks Level)	lbs	28574
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6482
	Traice Educ (Crite V1107 00701 1012)	lbs	14287
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7779 17144
		lbs ka	9491
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	20919
3	Maximum Overall Length	mm	10996
	Maximum Overali Lengin	in	432.9
4	Reach with Forks at Ground Level	mm	1141
		in	44.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-65
	<u> </u>	in mm	-2.5 1797
6	Reach with Arms Horizontal and Forks Level	in	70.7
	Describerable Foods of Mandanana Hedelik	mm	870
7	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2135
	Croana to rop or time many time riorizonial and rom zover	in	84.0
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4403 173.4
		mm	5443
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	214.3
-11	Clearance at Full Lift and Max Dump	mm	2122
	Clearance at 1 un Lint and wax Dump	in	83.5
12	Max Discharge Angle from Horizontal	deg	51
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
	Outside Tille Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	· , , ,	in	23.2 180.0
	Tine Width (single tine)	mm in	7.1
	The Thirden	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	11300
	тио Оараоку	lbs	24905
	Operating Weight	kg	30336
		lbs	66860



Capacity (kg) (Calculated Load at CG Point)

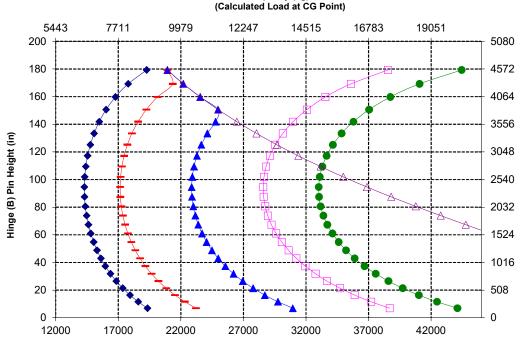


NOTE: Static tipping loads and operating weight are based on the Following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

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

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

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**CEN - European Committee for Standardization



^{*}Negative values indicate below grade

Fork Specifications

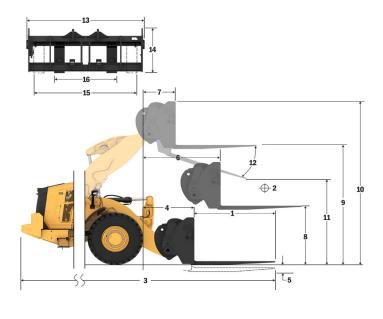
Fork Specifica	ations
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1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
	Load Ceriter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg lbs	16020 35307
		kq	13843
	Static Tipping Load - Articulated (Forks Level)	lbs	30511
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6922
	Trated Load (SAL 31197 - 30 % 1 131L)	lbs	15255
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8306
	,	lbs ka	18307 11075
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	24409
_		mm	10408
3	Maximum Overall Length	in	409.8
4	Reach with Forks at Ground Level	mm	1162
	Treach with 1 orks at Ground Level	in	45.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-99
		in	-3.9
6	Reach with Arms Horizontal and Forks Level	mm in	1796 70.7
_		mm	869
7	Reach with Fork at Maximum Height	in	34.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2095
۰	Ground to Top of Time with Arms Horizontal and Fork Level	in	82.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4364
	Ordana to rop or time at maximam rought and rout 2010.	in	171.8
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5407 212.9
		in mm	2498
11	Clearance at Full Lift and Max Dump	in	98.3
40	Man Diaghanna Angla franchis		
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm	2821
	Overall Carriage Wilder	in	111.1
14	Overall Carriage Height	mm	1129
		in mm	44.4 2627
15	Outside Tine Width (max spread)	in	103.4
	O 1 11 T 147 H 1 1 1 1 1	mm	747
16	Outside Tine Width (min spread)	in	29.4
	Tine Width (single tine)	mm	250.0
	Title Widur (single title)	in	9.8
	Tine Thickness	mm	85.0
	1015 1105001555	in	3.3
	Tine Capacity	kg	18700
	· · ·	lbs ka	41215 30649
	Operating Weight	kg lbs	67550
		103	01330

 980 AGG QC
 2x 150 mm HE Tilt Cylinders

 108" Carriage
 72" Tine

 Construction Fork, HD, FUSION
 523-4199
 523-4200



Hinge (B) Pin Height (mm)

-B-Static Tipping Load - Articulated

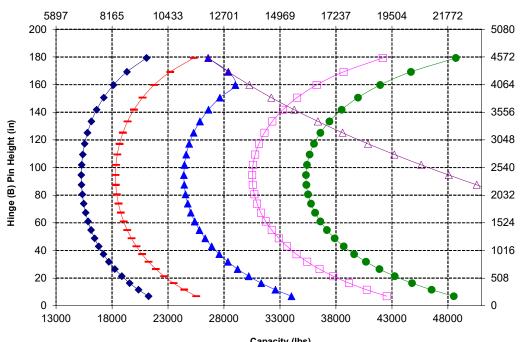
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or

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Capacity (kg) (Calculated Load at CG Point)



Capacity (lbs) (Calculated Load at CG Point)

^{*}Negative values indicate below grade

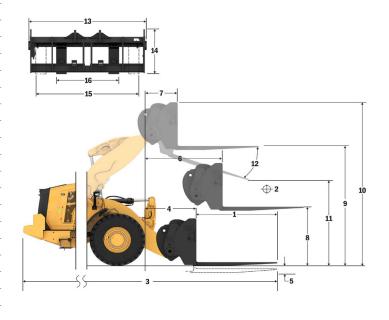
Fork Specifications

	•		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Ochici	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	15281 33678
		kg	13191
	Static Tipping Load - Articulated (Forks Level)	lbs	29073
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6595
	114154 2544 (5712 57757 5577 7572)	lbs	14536
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	7915 17444
		ka	10553
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	23258
3	Maximum Overall Length	mm	10717
	Waximum Overali Lengui	in	421.9
4	Reach with Forks at Ground Level	mm	1166
		in mm	45.9 -99
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.9
6	Reach with Arms Horizontal and Forks Level	mm	1796
	Neach with Airlis Honzontal and Hons Level	in	70.7
7	Reach with Fork at Maximum Height	mm	869
		in mm	34.2 2100
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	82.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4369
	Ground to Top of Time at Maximum Height and Fork Level	in	172.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5407
		in mm	212.9 2247
11	Clearance at Full Lift and Max Dump	in	88.5
12	Max Discharge Angle from Horizontal		55
-12	Max Discharge Angle Irom Horizonial	deg	
13	Overall Carriage Width	mm	2821
	•	in mm	111.1 1129
14	Overall Carriage Height	in	44.4
15	Outside Tine Width (max spread)	mm	2627
	Odiside Tille Widit (max spread)	in	103.4
16	Outside Tine Width (min spread)	mm	747
	, ,	in mm	29.4 250.0
	Tine Width (single tine)	in	9.8
_	Tine Thickness	mm	90.0
	THE THERIESS	in	3.5
	Tine Capacity	kg	17729
	<u> </u>	lbs ka	39075 30751
	Operating Weight	lbs	67775
	*Negative values indicate below grade		

 980 AGG QC
 2x 150 mm HE Tilt Cylinders

 108" Carriage
 84" Tine

 Construction Fork, HD, FUSION
 523-4199
 523-4201



Capacity (kg) (Calculated Load at CG Point)

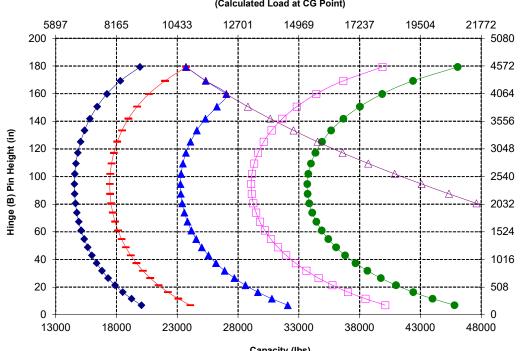


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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Capacity (lbs) (Calculated Load at CG Point)

^{*}Negative values indicate below grade

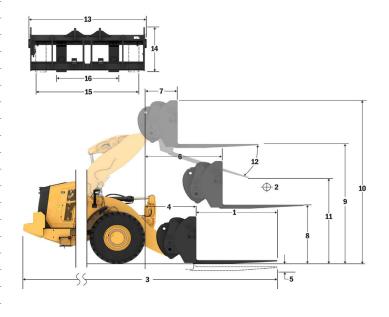
Fork Specifications	Fork	Spec	ificat	ions
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	•		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
	Load Certier	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	14537
	, , , , , , , , , , , , , , , , , , ,	lbs kg	32039 12528
	Static Tipping Load - Articulated (Forks Level)	lbs	27612
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6264
	Raied Load (SAE 31197 - 50% F131L)	lbs	13806
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7517
	, ,	lbs	16567
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka Ibs	9628 21221
		mm	11025
3	Maximum Overall Length	in	434.1
4	Reach with Forks at Ground Level	mm	1170
	Treach with 1 orks at Ground Level	in	46.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-98
_		in	-3.8 1801
6	Reach with Arms Horizontal and Forks Level	mm in	70.9
_	Described the Control of Mandage on the Control of	mm	874
7	Reach with Fork at Maximum Height	in	34.4
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2102
		in	82.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4370 172.1
		mm	5407
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	212.9
11	Clearance at Full Lift and Max Dump	mm	1994
	Olcarance at rail Elit and Max Bump	in	78.5
12	Max Discharge Angle from Horizontal	deg	55
42	Overall Carriege Width	mm	2821
13	Overall Carriage Width	in	111.1
14	Overall Carriage Height	mm	1127
		in	44.4
15	Outside Tine Width (max spread)	mm in	2629 103.5
	O 1 : 1 T 14/2 HI / : 15	mm	747
16	Outside Tine Width (min spread)	in	29.4
	Tine Width (single tine)	mm	250.0
	Title Wilder (oringie title)	in	9.8
	Tine Thickness	mm	90.0
		in ka	3.5 15750
	Tine Capacity	lbs	34713
	On a vating Waight	ka	30902
	Operating Weight	lbs	68108
	*Negative values indicate below grade		

 980 AGG QC
 2x 150 mm HE Tilt Cylinders

 108" Carriage
 96" Tine

 Construction Fork, HD, FUSION
 523-4199
 523-4202



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

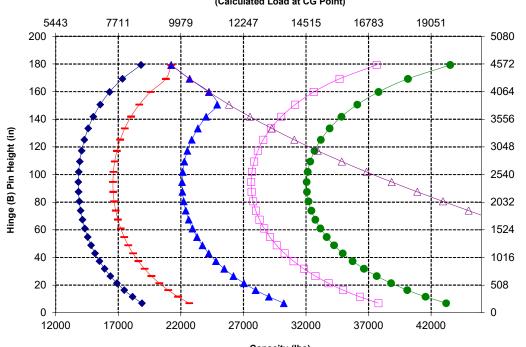


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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



^{*}Negative values indicate below grade

Standard and Optional Equipment

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

	Standard	Optional
PERATOR ENVIRONMENT		
Cab, pressurized, sound suppression	✓	
Door, remote opening system	✓	
EH implement controls, parking brake	✓	
Steering, joystick	✓	
Monitored seat belt	✓	
4-point seat belt		✓
Entertainment radio (FM, AM, USB, Bluetooth®)		✓
Entertainment radio (DAB+)		✓
CB radio ready		✓
Seat, suede/cloth, air suspension, heated	✓	
Seat, leather/cloth, air suspension, heated/cooled		✓
Touchscreen display	✓	
Visibility: mirrors, rearview camera	✓	
Multiview (360°) vision system		✓
Cat Detect rear radar system		✓
Dedicated rearview screen		✓
Mirrors, heated	✓	
Air conditioner, heater, defroster (auto temp, fan)	✓	
Sun visor, front, retractable	✓	
Sun visor, rear, retractable	✓	
Window cleaning platform, front	✓	
Windows, front, safety laminated rounded glass	✓	
Windows, front, heavy-duty, or full guards		✓
N-BOARD TECHNOLOGIES		
Cat Payload Scale	✓	
Autodig with Auto Set Tires	✓	
Operator ID & machine security	✓	
Application Profiles	✓	
Job Aids	✓	
Controls Help and eOMM*	✓	
Cat Advanced Payload		✓
Cat Payload Printer		✓

^{*} Not available in all languages

	Standard	Ontional
HYDRAULICS	Standard	Optional
Implement system, electro-hydraulic with	√	
variable displacement piston pump	v	
Steering system, load sensing with	✓	
dedicated variable displacement piston		
Pump Ride control, dual accumulators	√	
3 rd auxiliary function with ride control	· · · · · · · · · · · · · · · · · · ·	√
Oil sampling valves, Cat XT [™] hoses		<u> </u>
Quick coupler control	<u> </u>	√
POWERTRAIN		
	√	
Cat C13 engine		
Electric fuel priming pump		
Fuel-water separator and secondary fuel filter	•	
Engine, air precleaner	✓	
Turbine, air precleaner		✓
Radiator, high debris		✓
Cooling fan, reversible		✓
Axles, open differentials	✓	
Axles, limited slip differential(s)		✓
Axles, ecology drains	✓	
Axles, AOC ready, extreme temperature		✓
seals		
Axles, oil cooler		✓
Transmission, continuous variable	✓	
Rimpull control	✓	
Throttle lock mode	✓	
Hill and speed hold on grade	✓	
Service brakes, hydraulic, fully enclosed wet disc, wear indicators	✓	
Park brake, caliper on front axles, spring	✓	
applied-pressure released		
ELECTRICAL		
Starting and charging system, 24V	✓	
Starter, electric, heavy-duty	✓	
Cold start, 120V or 240V		✓
Lights: halogen, 4 work lights, 2 rearview lights	✓	
Lights: roading with turn signals	✓	
Lights: LED		✓
Seat belt monitoring beacon		✓
Warning beacon		✓
Reversing strobe lights***		✓

(continued on next page)

^{**} Standard where mandated

^{***} Not Compatible with roading arrangements

Standard and Optional Equipment (continued)

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

	Standard	Optional
MONITORING SYSTEM		
Front dash with analog gauges, LCD display, and warning lights	✓	
Primary touchscreen monitor (Cat Payload, quad screens, machine settings & messages)	✓	
LINKAGE		
Standard lift, Z-bar	✓	
High lift, Z-bar		✓
Kickouts: lift and tilt	✓	
ADDITIONAL EQUIPMENT		
Cat Autolube system		✓
Fenders, roading		✓
Guards: powertrain, crankcase, cab, cylinders, rear		✓
Biodegradable hydraulic oil		✓
High-speed oil change system		✓
Fast fill fuel tank		✓
Toolbox		✓
Wheel chocks		✓
Secondary steering system, electrical**		✓

	Standard	Optional
SPECIAL CONFIGURATIONS		
Aggregate handler		✓
Waste and scrap		✓
Forestry		✓

^{*} Not available in all languages

^{**} Standard where mandated

^{***} Not Compatible with roading arrangements

980 XE 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.

Engine

- Cat engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - 20% biodiesel FAME (fatty acid methyl ester)*
 - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

* Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.

Air Conditioning System

• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg (3.52 lb) of refrigerant which has a CO2 equivalent of 2.288 metric tonnes (2.522 tons).

Paint

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

Sound Performance

Operator Sound Pressure Level (ISO 6396:2008)	70 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	110 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	70 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	107 dB(A)

- *Including countries that adopt the EU and UK Directives
- **EU 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.
- Deep integration of continuously variable transmission, engine, hydraulic, and cooling systems
- Automatic engine idle shutdown system reduces idle hours
- Automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF), and Diesel Exhaust Fluid (DEF) tank and pump
- Autodig with Auto Set Tires provides consistent high bucket fill factors
- Payload technologies help ensure jobsite efficiency
- Extended maintenance intervals reduce fluid and filter consumption

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	66.66%	
Iron	15.80%	
Nonferrous Metal	2.18%	
Mixed Metal	0.40%	
Mixed-Metal and Nonmetal	0.53%	
Plastic	1.06%	
Rubber	8.59%	
Mixed Nonmetallic	0.02%	
Fluid	1.67%	
Other	3.10%	
Uncategorized	0.00%	
Total	100%	

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

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

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

Recyclability - 98%



980 XE Waste & Scrap Handler

Waste and scrap handler models feature guarding and reinforcement necessary for work in transfer stations, recycling depots, scrap vards, and demolition sites.

Superior Fuel Efficiency

- Up to 35% better fuel efficiency compared to previous Cat model.
- Deep system integration of the Cat continuously variable transmission, engine, hydraulic, and cooling systems results in significantly increased performance and fuel efficiency.
- Eliminating the torque converter allows the capability to control engine rpm and machine speed independently, resulting in efficient digging, fine control, and easy operation.
- Lower rated engine speed reduces component wear and operating noise.
- Power dense engine burns less fuel by providing power and torque when needed.
- Optional high lift linkage provides additional dump clearance.
- Optional 3rd valve hydraulics for work tools with a top clamp.
- Optional variable pitch fan and high debris cooling cores keep the cores free from debris.

Achieve Greater Productivity

- Continuously variable transmission delivers smooth, fast acceleration and speed on grade.
- Machine maneuvering on grade is made easy with speed-hold and anti-rollback.
- Integrated continuously variable transmission provides maximum, steady power at optimal speeds.
- Lower rated engine speed reduces component wear and operating noise.
- Power dense engine burns less fuel by providing power and torque when needed.

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 axles designed to handle extreme applications.
- Full-flow hydraulic filtration system with additional kidney-loop filtration improves hydraulic system reliability and component life.

Proven Reliability

- Cat C13 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Safety Features

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 25%.
- 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.

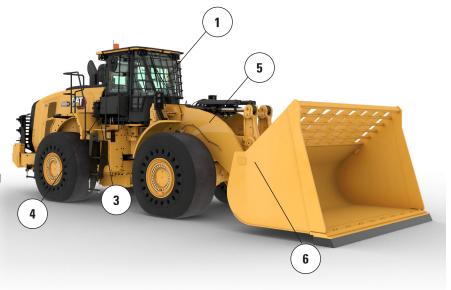
Work in Comfort in the All New Cab

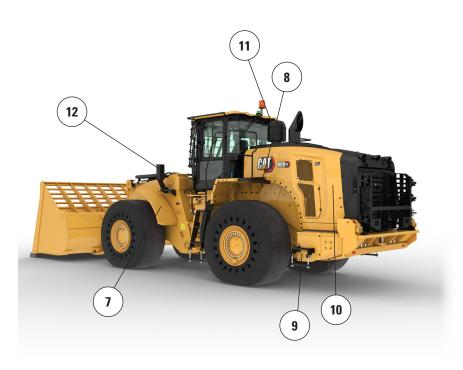
- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurize the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.

980 XE Waste & Scrap Handler Specifications

980 XE Waste & Scrap Handler Features

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





- Narrow front steel fenders help to keep the windshield clean and are set inboard of the outer edge of the tire for added protection
- 8. Optional rear guard protects the rear grill and cooling package from impact
- 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 help to extend engine air filter life
- 12. Front lights are guarded and positioned close to the frame for added protection

980 XE Waste & Scrap Handler Specifications

Tire Options

Tire Brand	Brawler	Michelin	Michelin	Michelin
Tire Size Tread Type	29.5-25 Solid	29.5-25 L–4	29.5-25 L–5	29.5-25 L–5
Width over Tires – Maximum (empty)*	3216 mm 10'7"	3258 mm 10'9"	3256 mm 10'9"	3275 mm 10'9"
Width over Tires – Maximum (loaded)*	3230 mm 10'8"	3302 mm 10'10"	3296 mm 10'10"	3294 mm 10'10"
Change in Vertical Dimensions (average of front and rear)		−16 mm −0.6"	−15 mm −0.6"	−4 mm −0.2"
Change in Horizontal Reach		−31 mm −1.2"	−28 mm −1.1"	−28 mm −1.1"
Change in Clearance Circle to Outside of Tires		72 mm 2.8"	67 mm 2.6"	64 mm 2.5"
Change in Clearance Circle to Inside of Tires		−72 mm -2.8"	−67 mm −2.6"	−64 mm −2.5"
Change in Operating Weight (without Ballast)		−5928 kg −13,071 lb	−5564 kg −12,269 lb	−5240 kg −11,554 lb
Change in Static Tipping Load – Straight		-4508 kg -9,941 lb	-4231 kg -9,330 lb	−3985 kg −8,787 lb
Change in Static Tipping Load – Articulated		-3924 kg -8,653 lb	−3683 kg −8,122 lb	−3469 kg −7,649 lb
Rear Axle Oscillation Angle	±8 degrees	±13 degrees	±13 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	340 mm 1'1"	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"
*Width over tire bulge and includes tire growth.				

Tire Brand	Bridgestone	Bridgestone	Bridgestone	Bridgestone
Tire Size	29.5R25	29.5R25	29.5R25	29.5R25
Tread Type	L-3	L–4	L-5	L-5
Tread Pattern	VJT	VSNT	VSDT	VSDL
Width over Tires – Maximum (empty)*	3263 mm	3240 mm	3272 mm	3250 mm
	10'9"	10'8"	10'9"	10'8"
Width over Tires – Maximum (loaded)*	3289 mm	3260 mm	3301 mm	3275 mm
	10'10"	10'9"	10'10"	10'9"
Change in Vertical Dimensions (average of front and rear)	−32 mm	−9 mm	−5 mm	11 mm
	−1.3"	−0.4"	−0.2"	0.4"
Change in Horizontal Reach	−10 mm	−30 mm	−30 mm	−40 mm
	−0.4"	−1.2"	−1.2"	−1.6"
Change in Clearance Circle to Outside of Tires	59 mm	30 mm	72 mm	45 mm
	2.3"	1.2"	2.8"	1.8"
Change in Clearance Circle to Inside of Tires	−59 mm	−30 mm	−72 mm	−45 mm
	−2.3"	−1.2"	−2.8"	−1.8"
Change in Operating Weight (without Ballast)	−6456 kg	−5772 kg	−5272 kg	−5064 kg
	−14,235 lb	−12,727 lb	−11,625 lb	−11,166 lb
Change in Static Tipping Load – Straight	−4910 kg	-4390 kg	-4009 kg	−3851 kg
	−10,826 lb	-9,679 lb	-8,841 lb	−8,492 lb
Change in Static Tipping Load – Articulated	–4274 kg	-3821 kg	−3490 kg	−3352 kg
	–9,424 lb	-8,425 lb	−7,696 lb	−7,392 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±13 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	549 mm	549 mm	549 mm	549 mm
	1'10"	1'10"	1'10"	1'10"

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

Tire Options

Tire Brand	Maxam	Maxam	Maxam	Michelin
Tire Size	29.5-25	29.5-25	29.5-25	29.5-25
Tread Type	L-3	L-4	L-5	L-3
Tread Pattern	MS302	MS405DX	MS503	XHA2
Width over Tires – Maximum (empty)*	3270 mm	3256 mm	3268 mm	3270 mm
	10'9"	10'9"	10'9"	10'9"
Width over Tires – Maximum (loaded)*	3290 mm	3282 mm	3304 mm	3296 mm
	10'10"	10'10"	10'11"	10'10"
Change in Vertical Dimensions (average of front and rear)	−28 mm	−42 mm	–15 mm	−49 mm
	−1.1"	−1.7"	-0.6"	−1.9"
Change in Horizontal Reach	−25 mm	−12 mm	−33 mm	−8 mm
	−1"	-0.5"	−1.3"	−0.3"
Change in Clearance Circle to Outside of Tires	60 mm	52 mm	75 mm	66 mm
	2.4"	2.1"	2.9"	2.6"
Change in Clearance Circle to Inside of Tires	−60 mm	−52 mm	−75 mm	−66 mm
	−2.4"	−2.1"	−2.9"	−2.6"
Change in Operating Weight (without Ballast)	−6300 kg	−6160 kg	−5520 kg	−6472 kg
	−13,892 lb	−13,583 lb	−12,172 lb	−14,271 lb
Change in Static Tipping Load – Straight	−4791 kg	−4685 kg	-4198 kg	−4922 kg
	−10,564 lb	−10,330 lb	-9,257 lb	−10,853 lb
Change in Static Tipping Load – Articulated	−4171 kg	-4078 kg	-3654 kg	−4284 kg
	−9,196 lb	-8,992 lb	-8,058 lb	−9,447 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±13 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	549 mm	549 mm	549 mm	549 mm
	1'10"	1'10"	1'10"	1'10"
*Width over tire bulge and includes tire growth.				

Tire Brand	Michelin	Bridgestone	Bridgestone	Maxam
Tire Size	875/65R29	875/65R29	875/65R29	875/65R29
Tread Type	L-3	L-3	L-4	L-4
Tread Pattern	XHA2	VTS	VLTS	MS405DX
Width over Tires – Maximum (empty)*	3373 mm	3341 mm	3344 mm	3357 mm
	11'1"	11'0"	11'0"	11'1"
Width over Tires – Maximum (loaded)*	3384 mm	3359 mm	3366 mm	3382 mm
	11'2"	11'1"	11'1"	11'2"
Change in Vertical Dimensions (average of front and rear)	−34 mm	−28 mm	−26 mm	−43 mm
	−1.4"	−1.1"	−1"	−1.7"
Change in Horizontal Reach	−13 mm	−10 mm	−12 mm	−12 mm
	−0.5"	−0.4"	−0.5"	−0.5"
Change in Clearance Circle to Outside of Tires	155 mm	129 mm	136 mm	152 mm
	6.1"	5.1"	5.4"	6"
Change in Clearance Circle to Inside of Tires	−155 mm	−129 mm	−136 mm	−152 mm
	−6.1"	−5.1"	−5.4"	-6"
Change in Operating Weight (without Ballast)	−5812 kg	−5532 kg	−5456 kg	−5464 kg
	−12,815 lb	−12,198 lb	−12,030 lb	−12,048 lb
Change in Static Tipping Load – Straight	−4420 kg	−4207 kg	−4149 kg	-4155 kg
	−9,746 lb	−9,277 lb	−9,149 lb	-9,163 lb
Change in Static Tipping Load – Articulated	−3848 kg	−3662 kg	−3612 kg	−3617 kg
	−8,484 lb	−8,075 lb	−7,964 lb	−7,976 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±8 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	340 mm	340 mm	340 mm	340 mm
	1'1"	1'1"	1'1"	1'1"

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

Linkage		Standard Linkage		
Bucket Type		General Purpose – Pin-On	General Purpose – Hook-On – Fusion	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m ³	5.40	5.40	
	yd^3	7.00	7.00	
Capacity – Rated at 110% Fill Factor	m ³	5.90	5.90	
	yd^3	7.75	7.75	
Width	mm	3447	3447	
	ft/in	11'3"	11'3"	
16† Dump Clearance at Maximum Lift	mm	3292	3187	
and 45° Discharge	ft/in	10'9"	10'5"	
7† Reach at Maximum Lift and	mm	1510	1618	
45° Discharge	ft/in	4'11"	5'3"	
Reach at Level Lift Arm and	mm	2994	3146	
Bucket Level	ft/in	9'9"	10'3"	
A† Digging Depth	mm	84	89	
	in	3.3"	3.5"	
12† Overall Length	mm	9613	9769	
	ft/in	31'7"	32'1"	
B † Overall Height with Bucket at	mm	6432	6536	
Maximum Lift	ft/in	21'2"	21'6"	
Loader Clearance Circle Radius	mm	7614	7697	
with Bucket at Carry Position	ft/in	25'0"	25'4"	
Static Tipping Load, Straight	kg	N/A	N/A	
(With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Straight	kg	29 260	27 802	
(No tire deflection)	lb	64,490	61,276	
Static Tipping Load,	kg	N/A	N/A	
Articulated (With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Articulated	kg	25 415	24 063	
(No tire deflection)	lb	56,015	53,036	
Breakout Force(§)	kN	226	204	
	lbf	50,946	45,849	
Operating Weight*	kg	36 885	37 567	
	lb	81,294	82,796	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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		General Purpose – Hook-On – Fusion	General Purpose – Pin-On		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges		
Capacity – Rated	m ³	5.70	5.70		
	yd³	7.50	7.50		
Capacity – Rated at 110% Fill Factor	m ³	6.30	6.30		
	yd^3	8.25	8.25		
Width	mm	3481	3481		
	ft/in	11'5"	11'5"		
6† Dump Clearance at Maximum Lift	mm	3123	3233		
and 45° Discharge	ft/in	10'2"	10'7"		
7† Reach at Maximum Lift and	mm	1668	1567		
45° Discharge	ft/in	5'5"	5'1"		
Reach at Level Lift Arm and	mm	3228	3079		
Bucket Level	ft/in	10'7"	10'1"		
A† Digging Depth	mm	89	72		
	in	3.5"	2.8"		
2† Overall Length	mm	9851	9689		
	ft/in	32'4"	31'10"		
B† Overall Height with Bucket at	mm	6604	6505		
Maximum Lift	ft/in	21'8"	21'5"		
Loader Clearance Circle Radius	mm	7739	7648		
with Bucket at Carry Position	ft/in	25'5"	25'2"		
Static Tipping Load, Straight	kg	N/A	N/A		
(With tire deflection)	lb	N/A	N/A		
Static Tipping Load, Straight	kg	27 540	28 232		
(No tire deflection)	lb	60,698	62,225		
Static Tipping Load,	kg	N/A	N/A		
Articulated (With tire deflection)	lb	N/A	N/A		
Static Tipping Load, Articulated	kg	23 817	24 387		
(No tire deflection)	lb	52,494	53,749		
Breakout Force(§)	kN	193	210		
	lbf	43,442	47,341		
Operating Weight*	kg	37 689	37 820		
	lb	83,067	83,354		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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		General Purp	oose – Pin-On	
Edge Type	Bolt-On Cutting Edges		Bolt-On Cutting Edges	
Capacity – Rated	m^3	6.00	6.40	
	yd^3	7.75	8.25	
Capacity – Rated at 110% Fill Factor	m³	6.60	7.00	
	yd^3	8.75	9.25	
Width	mm	3481	3413	
	ft/in	11'5"	11'2"	
6† Dump Clearance at Maximum Lift	mm	3205	3150	
and 45° Discharge	ft/in	10'6"	10'4"	
7† Reach at Maximum Lift and	mm	1580	1633	
45° Discharge	ft/in	5'2"	5'4"	
Reach at Level Lift Arm and	mm	3107	3185	
Bucket Level	ft/in	10'2"	10'5"	
A† Digging Depth	mm	84	84	
	in	3.3"	3.3"	
2† Overall Length	mm	9726	9804	
	ft/in	31'11"	32'2"	
B † Overall Height with Bucket at	mm	6528	6608	
Maximum Lift	ft/in	21'5"	21'9"	
Loader Clearance Circle Radius	mm	7660	7651	
with Bucket at Carry Position	ft/in	25'2"	25'2"	
Static Tipping Load, Straight	kg	N/A	N/A	
(With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Straight	kg	28 965	28 752	
(No tire deflection)	lb	63,840	63,370	
Static Tipping Load,	kg	N/A	N/A	
Articulated (With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Articulated	kg	25 132	24 933	
(No tire deflection)	lb	55,392	54,954	
Breakout Force(§)	kN	209	199	
	lbf	47,095	44,724	
Operating Weight*	kg	37 060	37 145	
	lb	81,679	81,867	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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, Dozing – Pin-On	Waste – Pin-On	
Edge Type		Bolt-On Cutting Edges	Rubber Edge	
Capacity – Rated	m ³	9.90	10.70	
	yd³	13.00	14.00	
Capacity - Rated at 110% Fill Factor	m^3	10.90	11.80	
	yd^3	14.25	15.50	
Width	mm	3882	3882	
	ft/in	12'8"	12'8"	
16† Dump Clearance at Maximum Lift	mm	3072	2760	
and 45° Discharge	ft/in	10'0"	9'0"	
17† Reach at Maximum Lift and	mm	1490	1650	
45° Discharge	ft/in	4'10"	5'4"	
Reach at Level Lift Arm and	mm	3153	3487	
Bucket Level	ft/in	10'4"	11'5"	
A† Digging Depth	mm	110	70	
	in	4.3"	2.7"	
12† Overall Length	mm	9793	10 207	
	ft/in	32'2"	33'6"	
B † Overall Height with Bucket at	mm	7135	6962	
Maximum Lift	ft/in	23'5"	22'11"	
Loader Clearance Circle Radius	mm	7865	7996	
with Bucket at Carry Position	ft/in	25'10"	26'3"	
Static Tipping Load, Straight	kg	N/A	N/A	
(With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Straight	kg	30 342	27 596	
(No tire deflection)	lb	66,875	60,822	
Static Tipping Load,	kg	N/A	N/A	
Articulated (With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Articulated	kg	26 227	23 791	
(No tire deflection)	lb	57,804	52,437	
Breakout Force(§)	kN	204	170	
	lbf	46,014	38,403	
Operating Weight*	kg	38 062	38 214	
	lb	83,889	84,223	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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		Woodchip – Pin-On		
Edge Type	Bolt-On Cutting Edges		Bolt-On Cutting Edges	
Capacity – Rated	m^3	11.50	14.50	
	yd^3	15.00	19.00	
Capacity – Rated at 110% Fill Factor	m^3	12.70	16.00	
	yd^3	16.50	21.00	
Width	mm	4166	4434	
	ft/in	13'8"	14'6"	
6† Dump Clearance at Maximum Lift	mm	2947	2743	
and 45° Discharge	ft/in	9'8"	9'0"	
7† Reach at Maximum Lift and	mm	1621	1832	
45° Discharge	ft/in	5'3"	6'0"	
Reach at Level Lift Arm and	mm	3334	3627	
Bucket Level	ft/in	10'11"	11'10"	
A† Digging Depth	mm	70	100	
1 88 8 F	in	2.7"	3.9"	
2 † Overall Length	mm	9970	10 259	
	ft/in	32'9"	33'8"	
B† Overall Height with Bucket at	mm	6826	7051	
Maximum Lift	ft/in	22'5"	23'2"	
Loader Clearance Circle Radius	mm	8042	8243	
with Bucket at Carry Position	ft/in	26'5"	27'1"	
Static Tipping Load, Straight	kg	N/A	N/A	
(With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Straight	kg	29 168	27 972	
(No tire deflection)	lb	64,286	61,650	
Static Tipping Load,	kg	N/A	N/A	
Articulated (With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Articulated	kg	25 202	24 043	
(No tire deflection)	lb	55,546	52,992	
Breakout Force(§)	kN	187	151	
	lbf	42,236	33,948	
Operating Weight*	kg	37 851	38 673	
Operating Weight	lb	83,423	85,234	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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		General Purpose – Pin-On	General Purpose – Hook-On – Fusion	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m ³	5.40	5.40	
	yd^3	7.00	7.00	
Capacity – Rated at 110% Fill Factor	m ³	5.90	5.90	
	yd^3	7.75	7.75	
Width	mm	3447	3447	
	ft/in	11'3"	11'3"	
6† Dump Clearance at Maximum Lift	mm	3513	3408	
and 45° Discharge	ft/in	11'6"	11'2"	
7† Reach at Maximum Lift and	mm	1513	1621	
45° Discharge	ft/in	4'11"	5'3"	
Reach at Level Lift Arm and	mm	3154	3306	
Bucket Level	ft/in	10'4"	10'10"	
A† Digging Depth	mm	82	87	
	in	3.2"	3.4"	
2† Overall Length	mm	9815	9971	
	ft/in	32'3"	32'9"	
B† Overall Height with Bucket at	mm	6653	6757	
Maximum Lift	ft/in	21'10"	22'2"	
Loader Clearance Circle Radius	mm	8115	8202	
with Bucket at Carry Position	ft/in	26'8"	26'11"	
Static Tipping Load, Straight	kg	N/A	N/A	
(With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Straight	kg	26 713	25 350	
(No tire deflection)	lb	58,877	55,872	
Static Tipping Load,	kg	N/A	N/A	
Articulated (With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Articulated	kg	23 636	22 355	
(No tire deflection)	1b	52,093	49,271	
Breakout Force(§)	kN	230	207	
	lbf	51,711	46,549	
Operating Weight*	kg	37 019	37 700	
	lb	81,589	83,091	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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		General Purpose – Hook-On – Fusion	General Purpose – Pin-On		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges		
Capacity – Rated	m^3	5.70	5.70		
	yd^3	7.50	7.50		
Capacity – Rated at 110% Fill Factor	m ³	6.30	6.30		
	yd^3	8.25	8.25		
Width	mm	3481	3481		
	ft/in	11'5"	11'5"		
6† Dump Clearance at Maximum Lift	mm	3343	3454		
and 45° Discharge	ft/in	10'11"	11'3"		
17† Reach at Maximum Lift and	mm	1671	1570		
45° Discharge	ft/in	5'5"	5'1"		
Reach at Level Lift Arm and	mm	3388	3239		
Bucket Level	ft/in	11'1"	10'7"		
A† Digging Depth	mm	87	70		
	in	3.4"	2.7"		
2† Overall Length	mm	10 053	9891		
	ft/in	33'0"	32'6"		
B † Overall Height with Bucket at	mm	6824	6725		
Maximum Lift	ft/in	22'5"	22'1"		
Loader Clearance Circle Radius	mm	8243	8149		
with Bucket at Carry Position	ft/in	27'1"	26'9"		
Static Tipping Load, Straight	kg	N/A	N/A		
(With tire deflection)	lb	N/A	N/A		
Static Tipping Load, Straight	kg	25 097	25 683		
(No tire deflection)	lb	55,315	56,606		
Static Tipping Load,	kg	N/A	N/A		
Articulated (With tire deflection)	lb	N/A	N/A		
Static Tipping Load, Articulated	kg	22 115	22 606		
(No tire deflection)	lb	48,742	49,825		
Breakout Force(§)	kN	196	213		
	lbf	44,110	48,058		
Operating Weight*	kg	37 823	37 953		
	lb	83,361	83,648		

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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		General Purpose – Pin-On		
Edge Type	Bolt-On Cutting Edges		Bolt-On Cutting Edges	
Capacity – Rated	m^3	6.00	6.40	
	yd^3	7.75	8.25	
Capacity – Rated at 110% Fill Factor	m³	6.60	7.00	
	yd^3	8.75	9.25	
Width	mm	3481	3413	
	ft/in	11'5"	11'2"	
16† Dump Clearance at Maximum Lift	mm	3426	3370	
and 45° Discharge	ft/in	11'2"	11'0"	
17† Reach at Maximum Lift and	mm	1583	1636	
45° Discharge	ft/in	5'2"	5'4"	
Reach at Level Lift Arm and	mm	3267	3345	
Bucket Level	ft/in	10'8"	10'11"	
A† Digging Depth	mm	82	82	
	in	3.2"	3.2"	
12† Overall Length	mm	9928	10 006	
	ft/in	32'7"	32'10"	
B † Overall Height with Bucket at	mm	6749	6829	
Maximum Lift	ft/in	22'2"	22'5"	
Loader Clearance Circle Radius	mm	8161	8152	
with Bucket at Carry Position	ft/in	26'10"	26'9"	
Static Tipping Load, Straight	kg	N/A	N/A	
(With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Straight	kg	26 420	26 213	
(No tire deflection)	lb	58,231	57,775	
Static Tipping Load,	kg	N/A	N/A	
Articulated (With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Articulated	kg	23 353	23 158	
(No tire deflection)	1b	51,471	51,041	
Breakout Force(§)	kN	212	202	
	lbf	47,808	45,405	
Operating Weight*	kg	37 193	37 278	
	lb	81,974	82,161	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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, Dozing – Pin-On	Waste – Pin-On
Edge Type		Bolt-On Cutting Edges	Rubber Edge
Capacity – Rated	m^3	9.90	10.70
	yd³	13.00	14.00
Capacity – Rated at 110% Fill Factor	m^3	10.90	11.80
	yd^3	14.25	15.50
Width	mm	3882	3882
	ft/in	12'8"	12'8"
16† Dump Clearance at Maximum Lift	mm	3292	2980
and 45° Discharge	ft/in	10'9"	9'9"
17† Reach at Maximum Lift and	mm	1493	1653
45° Discharge	ft/in	4'10"	5'5"
Reach at Level Lift Arm and	mm	3313	3647
Bucket Level	ft/in	10'10"	11'11"
A† Digging Depth	mm	108	68
	in	4.2"	2.6"
12† Overall Length	mm	9993	10 402
	ft/in	32'10"	34'2"
B † Overall Height with Bucket at	mm	7355	7183
Maximum Lift	ft/in	24'2"	23'7"
Loader Clearance Circle Radius	mm	8366	8494
with Bucket at Carry Position	ft/in	27'6"	27'11"
Static Tipping Load, Straight	kg	N/A	N/A
(With tire deflection)	1b	N/A	N/A
Static Tipping Load, Straight	kg	27 373	25 011
(No tire deflection)	1b	60,331	55,124
Static Tipping Load,	kg	N/A	N/A
Articulated (With tire deflection)	lb	N/A	N/A
Static Tipping Load, Articulated	kg	24 107	21 973
(No tire deflection)	lb	53,132	48,430
Breakout Force(§)	kN	207	174
	lbf	46,725	39,103
Operating Weight*	kg	38 196	38 347
	lb	84,183	84,517
		•	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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.

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Linkage		High Lift Linkage		
Bucket Type		Woodchip – Pin-On		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m³	11.50	14.50	
	yd³	15.00	19.00	
Capacity – Rated at 110% Fill Factor	m ³	12.70	16.00	
	yd^3	16.50	21.00	
Width	mm	4166	4434	
	ft/in	13'8"	14'6"	
16† Dump Clearance at Maximum Lift	mm	3168	2964	
and 45° Discharge	ft/in	10'4"	9'8"	
17† Reach at Maximum Lift and	mm	1624	1835	
45° Discharge	ft/in	5'3"	6'0"	
Reach at Level Lift Arm and	mm	3494	3787	
Bucket Level	ft/in	11'5"	12'5"	
A† Digging Depth	mm	68	98	
	in	2.6"	3.8"	
12† Overall Length	mm	10 171	10 460	
	ft/in	33'5"	34'4"	
B † Overall Height with Bucket at	mm	7047	7272	
Maximum Lift	ft/in	23'2"	23'11"	
Loader Clearance Circle Radius	mm	8542	8742	
with Bucket at Carry Position	ft/in	28'1"	28'9"	
Static Tipping Load, Straight	kg	N/A	N/A	
(With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Straight	kg	26 403	25 232	
(No tire deflection)	lb	58,192	55,612	
Static Tipping Load,	kg	N/A	N/A	
Articulated (With tire deflection)	lb	N/A	N/A	
Static Tipping Load, Articulated	kg	23 245	22 105	
(No tire deflection)	lb	51,232	48,721	
Breakout Force(§)	kN	190	153	
	lbf	42,911	34,500	
Operating Weight*	kg	37 985	38 806	
	lb	83,717	85,529	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with Brawler 29.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard, flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, front limited slip differentials, power train 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.

Fork Specifications

Fork Specifications

	p		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
_		in kg	48.0 16418
	Static Tipping Load - Straight (Forks Level)	lbs	36184
	Static Tipping Load - Articulated (Forks Level)	kg	14249
	Static Tipping Load - Articulated (Forks Level)	lbs	31405
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6761
		lbs	14902 6761
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	14902
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	6761
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% F151L)	lbs	14902
3	Maximum Overall Length	mm	11113
		in	437.5
4	Reach with Forks at Ground Level	mm in	1345 53.0
_	+0 1/ B // (T) 1/1/ // // // // //	mm	-138
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-5.5
6	Reach with Arms Horizontal and Forks Level	mm	1870
	Treach with Arms Honzontal and Forks Level	in	73.6
7	Reach with Fork at Maximum Height	mm	943 37.1
_	· · · · · · · · · · · · · · · · · · ·	in mm	2174
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	85.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4442
	Ground to Top of Time at Maximum Height and Fork Level	in	174.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5814
	· · · · · · · · · · · · · · · · · · ·	in mm	228.9 1871
11	Clearance at Full Lift and Max Dump	in	73.7
	M. Discharge Assis Complete and		
12	Max Discharge Angle from Horizontal	deg	58
13	Overall Carriage Width	mm	2751
	Oronan camago maan	in	108.3
14	Overall Carriage Height	mm in	1575 62.0
		mm	2671
15	Outside Tine Width (max spread)	in	105.1
16	Outside Tine Width (min spread)	mm	849
	Outside Title Width (Hill Spieda)	in	33.4
	Tine Width (single tine)	mm	88.9
		in mm	3.5 203.2
	Tine Thickness	in	8.0
	Tine Capacity	kg	11068
	тне Сараску	lbs	24393
	Operating Weight	kg	36462
	-1 5 5	lbs	80363

980 IW STD

Pallet Fork, Pin-On

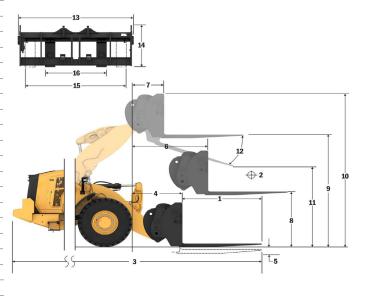
96" Tine 473-9104

Hinge (B) Pin Height (mm)

508

0

48000



*Negative values indicate below grade



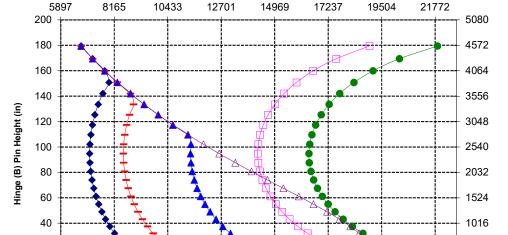
NOTE: Static tipping loads and operating weight are based on the operating weight are based on the following loader configuration:
Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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



Capacity (kg) (Calculated Load at CG Point)

33000 Capacity (lbs)
(Calculated Load at CG Point)

38000

43000



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

20

0

13000

18000

23000

28000

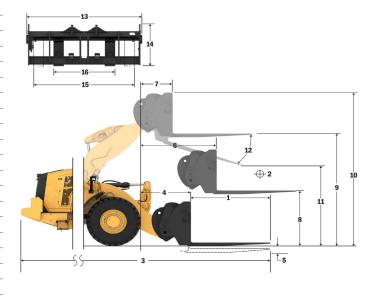
Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
_	·	in kg	48.0 15574
	Static Tipping Load - Straight (Forks Level)	lbs	34326
	Static Tipping Load - Articulated (Forks Level)	kg	13783
	· · · · · · · · · · · · · · · · · · ·	lbs kg	30378 6586
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14515
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6586
	,	lbs	14515 6586
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	14515
3	Maximum Overall Length	mm	11302
	Maximum Overali Lengui	in	444.9
4	Reach with Forks at Ground Level	mm in	1534 60.4
_	+O	mm	-137
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-5.4
6	Reach with Arms Horizontal and Forks Level	mm	2030
		in mm	79.9 946
7	Reach with Fork at Maximum Height	in	37.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2174
_	<u>'</u>	in mm	85.6 4663
9	Ground to Top of Tine at Maximum Height and Fork Level	in	183.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	6035
	Overall Height of Fork at Full Ent (top of carriage to ground)	in	237.6
11	Clearance at Full Lift and Max Dump	mm in	2334 91.9
42	Max Discharge Angle from Horizontal		49
-12	Max Discharge Angle Iron Honzonial	deg	
13	Overall Carriage Width	mm in	2751 108.3
	0 10 1 1111	mm	1575
14	Overall Carriage Height	in	62.0
15	Outside Tine Width (max spread)	mm	2671
	, ,	in mm	105.1 849
16	Outside Tine Width (min spread)	in	33.4
	Tine Width (single tine)	mm	88.9
		in	3.5 203.2
	Tine Thickness	mm in	8.0
	Tine Capacity	kg	11068
	тне Оараоцу	lbs	24393
	Operating Weight	kg Ibs	36596 80657
_	*No matica colores indicate halaccenda	103	00001

980 IW HL Pallet Fork, Pin-On

96" Tine 473-9104



*Negative values indicate below grade



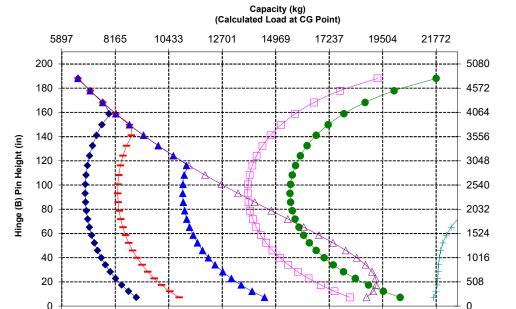
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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

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



Capacity (lbs)
(Calculated Load at CG Point)

38000

43000

48000

33000



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

13000

18000

23000

28000

Fork Specifications

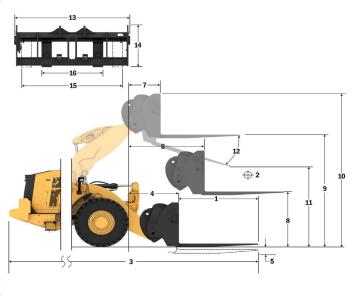
Fork	Specificat	tions
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_	· · · · · · · · · · · · · · · · · · ·		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
	·	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	18021 39719
	Static Tipping Load - Articulated (Forks Level)	kg	15675
	Static Tipping Load - Articulated (Forks Level)	lbs	34548
	Rated Load (SAE J1197 - 50% FTSTL)	kg	7838
		lbs ka	17274 8530
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	18799
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8530
	Traise 25dd (52T 2T T T T T IIII dila 25T T T T T T T T T T T T T T T T T T T	lbs	18799
3	Maximum Overall Length	mm in	10507 413.7
_	Reach with Forks at Ground Level	mm	1349
4	Reach with Forks at Ground Level	in	53.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-145
	~	in mm	-5.7 1870
6	Reach with Arms Horizontal and Forks Level	in	73.6
7	Deach with Foul at Marinerum Height	mm	943
	Reach with Fork at Maximum Height	in	37.1
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2167
	<u> </u>	in mm	85.3 4436
9	Ground to Top of Tine at Maximum Height and Fork Level	in	174.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5814
-10	Overall Fleight of Fork at Full Elit (top of carriage to ground)	in	228.9
11	Clearance at Full Lift and Max Dump	mm in	2386 93.9
12	Max Discharge Angle from Horizontal	deg	58
13	Overall Carriage Width	mm	2751
_		in mm	108.3 1581
14	Overall Carriage Height	in	62.3
15	Outside Tine Width (max spread)	mm	2671
	Outside Title Width (max spread)	in	105.1
16	Outside Tine Width (min spread)	mm in	849 33.4
		mm	88.9
	Tine Width (single tine)	in	3.5
	Tine Thickness	mm	203.2
		in	8.0
	Tine Capacity	kg Ibs	14742 32491
	On and the selection of	kg	36230
	Operating Weight	lbs	79852

980 IW STD Pallet Fork, Pin-On

72" Tine 473-9106

Hinge (B) Pin Height (mm)



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

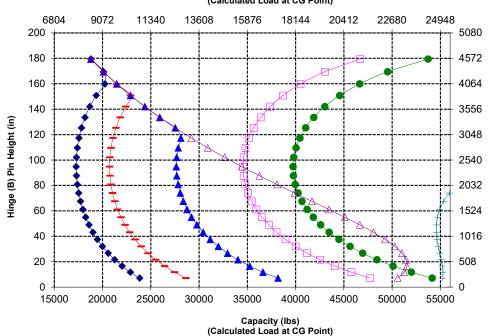


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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**CEN - European Committee for





or hydraulic limit.

Standardization .

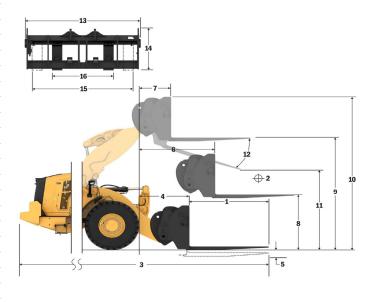
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
_		in ka	36.0 17059
	Static Tipping Load - Straight (Forks Level)	lbs	37597
	Static Tipping Load - Articulated (Forks Level)	kg	15127
	· · · · · · · · · · · · · · · · · · ·	lbs kg	33339 7563
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	16670
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8317 18330
	D 4 11 1/05N 5N 474 0 5: 11 10 1 000/ 5T0TL)	lbs kg	8317
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	18330
3	Maximum Overall Length	mm	10696
	B 1 11 5 1 40 11 1	in mm	421.1 1538
4	Reach with Forks at Ground Level	in	60.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-143
		in mm	-5.6 2030
6	Reach with Arms Horizontal and Forks Level	in	79.9
7	Reach with Fork at Maximum Height	mm	946
		in mm	37.2 2167
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	85.3
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4657
		in mm	183.3 6035
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	237.6
11	Clearance at Full Lift and Max Dump	mm	2789
	<u> </u>	in	109.8
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2751
		in mm	108.3 1581
14	Overall Carriage Height	in	62.3
15	Outside Tine Width (max spread)	mm	2671
		in mm	105.1 849
16	Outside Tine Width (min spread)	in	33.4
	Tine Width (single tine)	mm	88.9
		in mm	3.5 203.2
	Tine Thickness	in	8.0
	Tine Capacity	kg	14742
	<u> </u>	lbs kg	32491 36364
	Operating Weight	lbs	80146
	41 0 1 1 0 1 1 1 1		

980 IW HLPallet Fork, Pin-On
72" Tine
473-9106



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

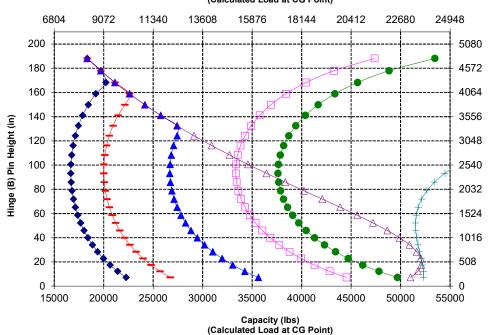


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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

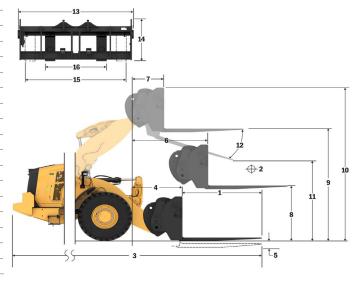
Fork Specifications

Fork Specifications

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1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
_	Otalia Timaina Land. Otaliaht (Fodes Land)	kg	19578
	Static Tipping Load - Straight (Forks Level)	lbs	43150
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	17112 37714
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	8556 18857
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	9398 20714
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	9398 20714
3	Maximum Overall Length	mm	10078 396.8
4	Reach with Forks at Ground Level	mm in	1225 48.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-146 -5.8
6	Reach with Arms Horizontal and Forks Level	mm in	1839 72.4
7	Reach with Fork at Maximum Height	mm in	913 35.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	2028 79.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4297 169.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5072 199.7
11	Clearance at Full Lift and Max Dump	mm in	2897 114.1
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm in	2217 87.3
14	Overall Carriage Height	mm in	840 33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm in	65.0 2.6
	Tine Capacity	kg	6300
		lbs	13885
	Operating Weight	kg lbs	35514 78274

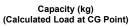
 980 IW STD
 87" Carriage
 60" Tine

 Pallet Fork, FUSION
 530-1861
 548-3265



Hinge (B) Pin Height (mm)

*Negative values indicate below grade





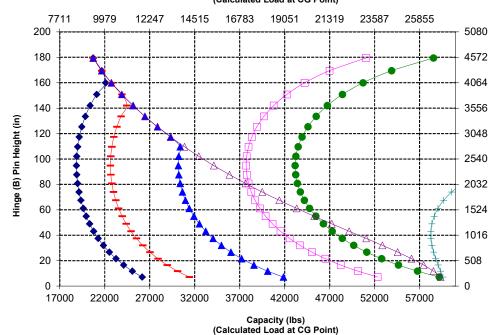
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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

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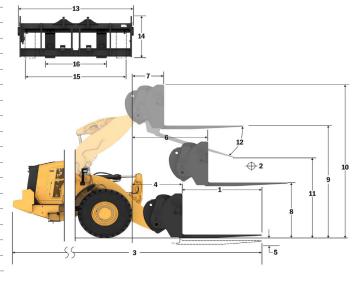
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

. •			
1	Tine Length	mm in	1524 60.0
2	Load Center	mm in	762 30.0
_		kg	18462
	Static Tipping Load - Straight (Forks Level)	lbs	40690
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	16442 36239
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	8221 18120
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	8989 19811
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	8989 19811
3	Maximum Overall Length	mm	10287
		in mm	405.0 1434
4	Reach with Forks at Ground Level	in	56.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-145
	Cround to Bottom of Time at William Fleight and Fork Level	in	-5.7
6	Reach with Arms Horizontal and Forks Level	mm in	2012 79.2
7	Reach with Fork at Maximum Height	mm	928
		in	36.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	2028 79.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4517
_		in mm	177.8 5292
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	208.3
11	Clearance at Full Lift and Max Dump	mm in	2996 118.0
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm in	2217 87.3
		mm	840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	· , , , , , , , , , , , , , , , , , , ,	in mm	81.5 470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thickness	mm	65.0
	THE THEORIES	in	2.6
	Tine Capacity	kg	6300 13885
		lbs kg	35652
	Operating Weight	lbs	78577

980 IW HLPallet Fork, FUSION 87" Carriage 60" Tine 530-1861 548-3265



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



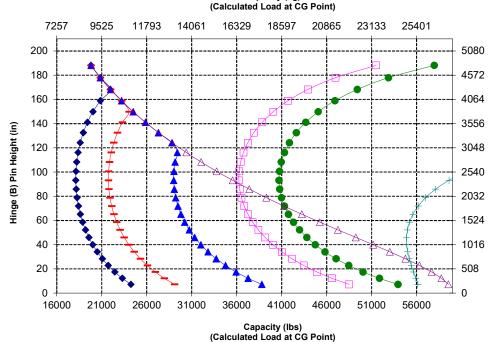
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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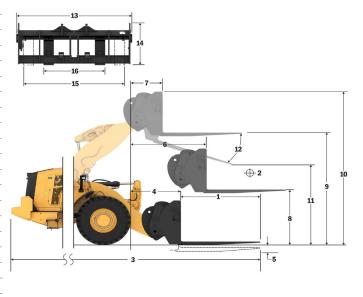
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork Specifications

1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	<u> </u>	in	36.0 18732
	Static Tipping Load - Straight (Forks Level)	kg Ibs	41286
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	16368 36075
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	8184 18038
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	8327 18352
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	8327 18352
3	Maximum Overall Length	mm	10384
		in	408.8 1225
4	Reach with Forks at Ground Level	mm in	48.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-146 -5.8
		mm	1839
6	Reach with Arms Horizontal and Forks Level	in	72.4
7	Reach with Fork at Maximum Height	mm	913
		in	35.9 2028
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	79.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4297 169.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5072 199.7
11	Clearance at Full Lift and Max Dump	mm	2681
	<u>'</u>	in	105.5
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm in	2217 87.3
14	Overall Carriage Height	mm	840
		in mm	33.1 2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm in	470 18.5
	Tine Width (single tine)	mm	150.0
	gio unoj	in	5.9
	Tine Thickness	mm in	65.0 2.6
	Tina Canasity	kg	5246
	Tine Capacity	lbs	11562
	Operating Weight	kg	35561
		lbs	78377

980 IW STD 87" Carriage 72" Tine 530-1861 530-1869



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

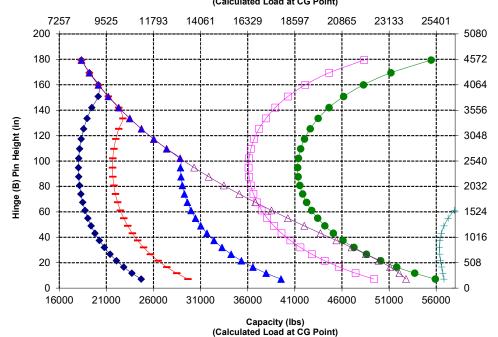


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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

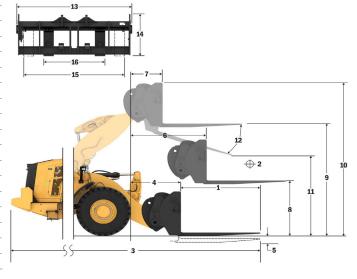
Fork Specifications

Fork Specifications

1 Tine Length 2 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) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (min spread) Tine Width (single tine) Tine Thickness		
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) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (min spread) Tine Width (single tine)	mm in	1830 72.0
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) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (min spread) Tine Width (single tine)	mm	915
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) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (min spread) Tine Width (single tine)	in	36.0
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) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (min spread) Tine Width (single tine)	kg Ibs	17694 38998
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (min spread) Tine Width (single tine)	kg Ibs	15754 34723
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (min spread) Tine Width (single tine)	kg	7877
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) 3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	lbs	17361
3 Maximum Overall Length 4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	kg Ibs	7970 17566
4 Reach with Forks at Ground Level 5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	kg Ibs	7970 17566
5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm	10593
5 *Ground to Bottom of Tine at Minimum Height and Fork Level 6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	in mm	417.0 1434
6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	in	56.4
6 Reach with Arms Horizontal and Forks Level 7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm	-145
7 Reach with Fork at Maximum Height 8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	in	-5.7
8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm in	2012 79.2
8 Ground to Top of Tine with Arms Horizontal and Fork Level 9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm	928
9 Ground to Top of Tine at Maximum Height and Fork Level 10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	in	36.5
10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm in	2028 79.8
10 Overall Height of Fork at Full Lift (top of carriage to ground) 11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm	4517
11 Clearance at Full Lift and Max Dump 12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	in	177.8 5292
12 Max Discharge Angle from Horizontal 13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm in	208.3
13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm in	2759 108.6
13 Overall Carriage Width 14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	deg	51
14 Overall Carriage Height 15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm	2217
15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	in	87.3
15 Outside Tine Width (max spread) 16 Outside Tine Width (min spread) Tine Width (single tine)	mm	840
16 Outside Tine Width (min spread) Tine Width (single tine)	in	33.1
Tine Width (single tine)	mm in	2070 81.5
	mm	470
	in mm	18.5 150.0
Tine Thickness	in	5.9
	mm	65.0
	in	2.6 5246
Tine Capacity	kg Ibs	11562
On a makin m NM a i mba	kg	35699
Operating Weight	lbs	78680

 980 IW HL
 87" Carriage
 72" Tine

 Pallet Fork, FUSION
 530-1861
 530-1869



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

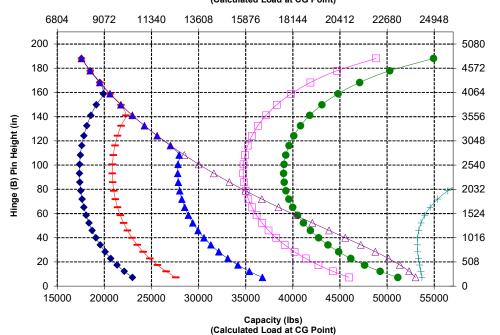


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 full turn static tipping load on full furn at the tipping load on firm and level ground

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





or hydraulic limit.

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

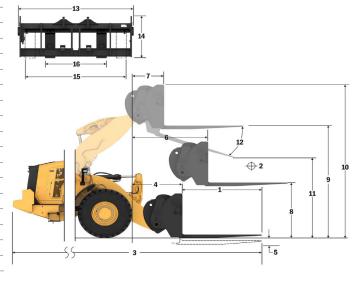
Fork Specifications

Fork Specifications

. •			
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
	·	in kg	36.0 18136
	Static Tipping Load - Straight (Forks Level)	lbs	39972
	Static Tipping Load - Articulated (Forks Level)	kg	15764
	Otatic Tipping Load - Articulated (Forks Level)	lbs	34743
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	7882 17371
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8905
	,	lbs ka	19627 8905
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	19627
3	Maximum Overall Length	mm	10347 407.4
		in mm	1189
4	Reach with Forks at Ground Level	in	46.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-95
	Cround to Bottom of Time at Minimum Fleight and Fork Level	in	-3.7
6	Reach with Arms Horizontal and Forks Level	mm in	1826 71.9
		mm	899
7	Reach with Fork at Maximum Height	in	35.4
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2099
	Croana to rop or time many and ronzontal and ronk zoro.	in	82.6
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4368 172.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5412 213.1
		mm	2502
11	Clearance at Full Lift and Max Dump	in	98.5
12	Max Discharge Angle from Horizontal	deg	55
		mm	2821
13	Overall Carriage Width	in	111.1
44	Overall Carriage Height	mm	1129
14	Overall Carriage Reight	in	44.4
15	Outside Tine Width (max spread)	mm in	2627 103.4
		mm	747
16	Outside Tine Width (min spread)	in	29.4
	Tine Width (single tine)	mm in	250.0 9.8
	T. T	mm	85.0
	Tine Thickness	in	3.3
	Tine Capacity	kg	18700
	Timo Oupuoty	lbs	41215
	Operating Weight	kg Ibs	36438 80310
		ing	00310

980 IW STDConstruction Fork, FUSION

108" Carriage 72" Tine 523-4199 523-4200



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



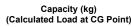
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

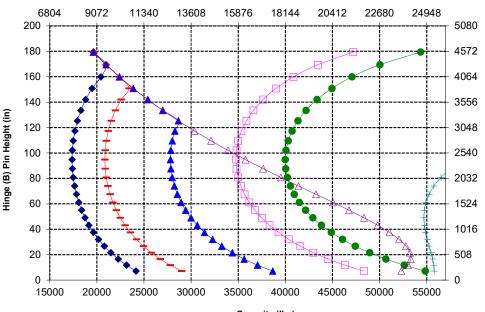
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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

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





Capacity (lbs)
(Calculated Load at CG Point)



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

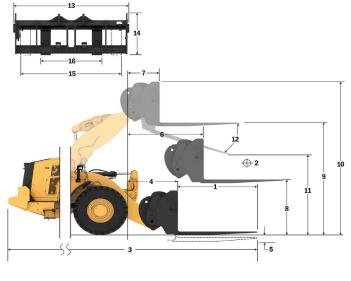
Fork Specifications

Fork Specifications

	•		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
	0 T	in kg	36.0 17083
	Static Tipping Load - Straight (Forks Level)	lbs	37651
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	15137 33362
	Rated Load (SAE J1197 - 50% FTSTL)	kg	7568
	,	lbs ka	16681 8586
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	18924
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8586
_	Maximum Overall Length	lbs mm	18924 10555
3	Maximum Overali Length	in	415.6
4	Reach with Forks at Ground Level	mm in	1397 55.0
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
,	Ground to Bottom of Time at Millimum Fleight and Fork Level	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm in	1999 78.7
7	Reach with Fork at Maximum Height	mm	915
		in mm	36.0 2101
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	82.7
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4590
		in mm	180.7 5634
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	221.8
11	Clearance at Full Lift and Max Dump	mm in	2613 102.9
12	Max Discharge Angle from Horizontal	deg	61
13	Overall Carriage Width	mm	2821
		in mm	111.1 1129
14	Overall Carriage Height	in	44.4
15	Outside Tine Width (max spread)	mm	2627
		in mm	103.4 747
16	Outside Tine Width (min spread)	in	29.4
	Tine Width (single tine)	mm	250.0 9.8
	T. T	in mm	85.0
	Tine Thickness	in	3.3
	Tine Capacity	kg Ibs	18700 41215
	Operating Weight	kg	36576
	Operating Weight	lbs	80613

 980 IW HL
 108" Carriage
 72" Tine

 Construction Fork, FUSION
 523-4199
 523-4200



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

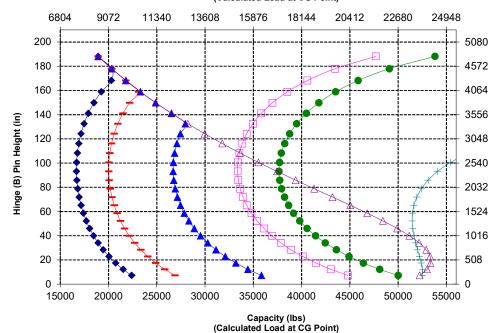


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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





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

Fork Specifications

Fork Specifications

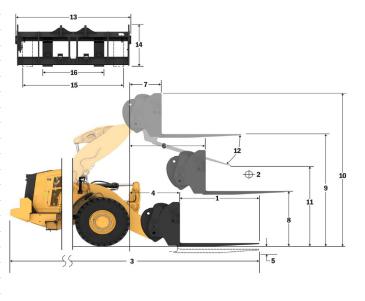
	ik Opeomediens		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Ceritei	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	17316 38165
	Static Tipping Load - Articulated (Forks Level)	kg	15038
	Otatic Tipping Load - Articulated (Forks Level)	lbs	33144
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	7519 16572
	Reted Load (CEN EN 474 2 Rough Torrain 600/ ETSTL)	kg	7914
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17442
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	7914 17442
_	Mariana O and the same	mm	10655
3	Maximum Overall Length	in	419.5
4	Reach with Forks at Ground Level	mm	1193
		in mm	47.0 -95
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.7
6	Reach with Arms Horizontal and Forks Level	mm	1826
	Reach with Airis Honzontal and Forks Level	in	71.9
7	Reach with Fork at Maximum Height	mm	899
		in mm	35.4 2104
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	82.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4373
_		in mm	172.2 5412
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	213.1
11	Clearance at Full Lift and Max Dump	mm	2251
	Oleanance at 1 dir Eint and Max Bump	in	88.6
12	Max Discharge Angle from Horizontal	deg	55
13	Overall Carriage Width	mm in	2821 111.1
44	Overall Carriage Height	mm	1129
-14	Overall Carnage Reight	in	44.4
15	Outside Tine Width (max spread)	mm	2627 103.4
		in mm	747
16	Outside Tine Width (min spread)	in	29.4
	Tine Width (single tine)	mm	250.0
		in	9.8
	Tine Thickness	mm in	3.5
	Tine Canasity	kg	17729
	Tine Capacity	lbs	39075
	Operating Weight	kg	36540
	-r	lbs	80535

980 IW STD

Construction Fork, FUSION

108" Carriage 523-4199 84" Tine 523-4201

Hinge (B) Pin Height (mm)



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

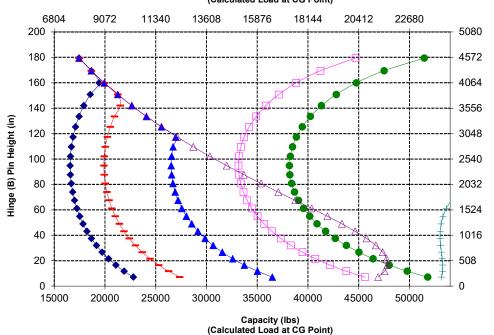


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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



or hydraulic limit.

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

Fork Specifications

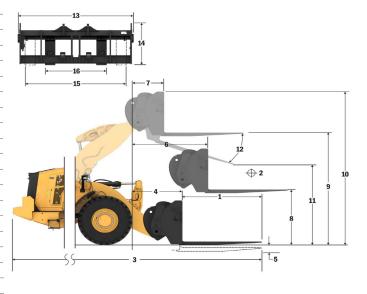
Fork Specifications

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1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
_		in kg	42.0 16333
	Static Tipping Load - Straight (Forks Level)	lbs	35997
	Static Tipping Load - Articulated (Forks Level)	kg	14461
	Static Tipping Load - Articulated (Forks Level)	lbs	31871
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	7230 15936
	Data de la adrigação Data de Tambina 2007 ETOTEN	kg	7633
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	16824
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7633
	,	lbs	16824 10863
3	Maximum Overall Length	mm in	427.7
4	Reach with Forks at Ground Level	mm	1401
4	Reach with Forks at Ground Level	in	55.2
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-91
	<u></u>	in	-3.6
6	Reach with Arms Horizontal and Forks Level	mm in	1999 78.7
_	Description of the Control of the Co	mm	915
7	Reach with Fork at Maximum Height	in	36.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2106
		in	82.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4595 180.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5634
	Overall fleight of Fork at Full Lift (top of carriage to ground)	in	221.8
11	Clearance at Full Lift and Max Dump	mm	2346 92.4
	<u> </u>	in	
12	Max Discharge Angle from Horizontal	deg	61
13	Overall Carriage Width	mm	2821
	O Toran Carriago Trian	in	111.1
14	Overall Carriage Height	mm in	1129 44.4
	0 4 11 T 147 W 4	mm	2627
15	Outside Tine Width (max spread)	in	103.4
16	Outside Tine Width (min spread)	mm	747
	Outside Title Width (Hill Spieda)	in	29.4
	Tine Width (single tine)	mm in	250.0 9.8
	Tine Thisteres	mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	17729
	Time Capacity	lbs	39075
	Operating Weight	kg Ibs	36678 80838
		ing	00000

980 IW HL

Construction Fork, FUSION

108" Carriage 523-4199 84" Tine 523-4201



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



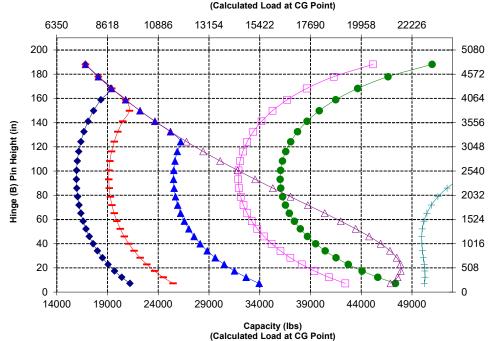
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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

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

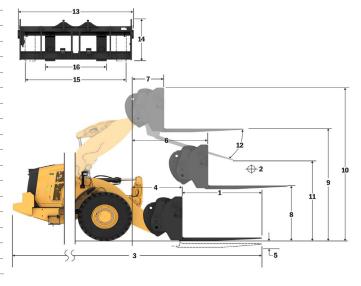
Fork Specifications

Fork Specifications

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1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
_		in kg	48.0 16496
	Static Tipping Load - Straight (Forks Level)	lbs	36358
	Ctatia Timping Land Antiquisted (Fortic Laviel)	kg	14307
	Static Tipping Load - Articulated (Forks Level)	lbs	31532
	Rated Load (SAE J1197 - 50% FTSTL)	kg	7041
	Traise 2544 (5/12 51161 55/61 1512)	lbs	15518
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	7041 15518
	<u></u>	ka	7041
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15518
_	Maximum Overall Landth	mm	10964
3	Maximum Overall Length	in	431.7
4	Reach with Forks at Ground Level	mm	1197
_	Trouble Will 1 Office at Glound Ecvel	in	47.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-93
	<u> </u>	in mm	-3.7 1831
6	Reach with Arms Horizontal and Forks Level	in	72.1
_	B 1 W 5 1 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	904
7	Reach with Fork at Maximum Height	in	35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2106
	Ground to Top of Time with Arms Honzontal and Fork Level	in	82.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4375
		in	172.2 5412
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	213.1
	0	mm	1998
11	Clearance at Full Lift and Max Dump	in	78.6
12	Max Discharge Angle from Horizontal	deg	55
12	Max Discharge Angle Iron Florizonial		
13	Overall Carriage Width	mm	2821
	O Toran Carriago Trian	in	111.1
14	Overall Carriage Height	mm in	1127 44.4
		mm	2629
15	Outside Tine Width (max spread)	in	103.5
40	Outside Time Width (min annead)	mm	747
16	Outside Tine Width (min spread)	in	29.4
	Tine Width (single tine)	mm	250.0
		in	9.8
	Tine Thickness	mm	90.0
		in kg	3.5 15750
	Tine Capacity	lbs	34713
	O	kg	36691
	Operating Weight	lbs	80868

980 IW STDConstruction Fork, FUSION

108" Carriage 96" Tine 523-4199 523-4202



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



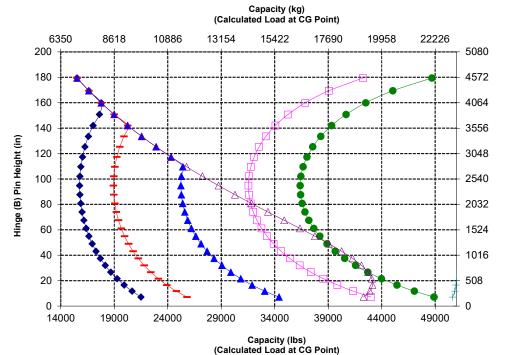
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Brawler Smooth Solid Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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

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





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

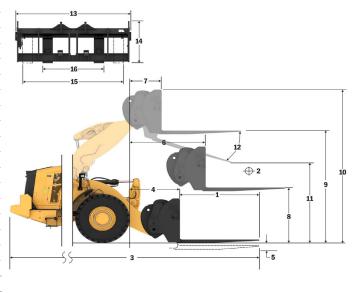
Fork Specifications

Fork Specifications

	ik Specifications		
1	Tine Length	mm in	2438 96.0
_	Load Center	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	15576 34328
	Charlie Timping Lond Antiquiphed (Forder Lovel)	ka	13773
	Static Tipping Load - Articulated (Forks Level)	lbs	30356
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6791
		lbs ka	14967 6791
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	14967
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6791
	Traice Load (OEIV EIV 474-31 IIIII and Ecvel Glound - 00701 101E)	lbs	14967
3	Maximum Overall Length	mm in	11172 439.8
_	December 11 and 12 and	mm	1405
4	Reach with Forks at Ground Level	in	55.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-89
		in	-3.5 2004
6	Reach with Arms Horizontal and Forks Level	mm in	78.9
7	Reach with Fork at Maximum Height	mm	920
	Reach with Fork at Maximum Height	in	36.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2108
	<u> </u>	in mm	83.0 4597
9	Ground to Top of Tine at Maximum Height and Fork Level	in	181.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5634
	Overlain Height of Ferri att Fair Lint (top of barriage to ground)	in	221.8
11	Clearance at Full Lift and Max Dump	mm in	2076 81.7
40	May Dischaus Anala from Harimontal		
12	Max Discharge Angle from Horizontal	deg	61
13	Overall Carriage Width	mm	2821 111.1
		in mm	111.1
14	Overall Carriage Height	in	44.4
15	Outside Tine Width (max spread)	mm	2629
	Outside Time Width (max spread)	in	103.5
16	Outside Tine Width (min spread)	mm in	747 29.4
	The AMBRICA About About	mm	250.0
	Tine Width (single tine)	in	9.8
	Tine Thickness	mm	90.0
_		in kg	3.5 15750
	Tine Capacity	lbs	34713
	Operating Weight	kg	36829
	Operating weight	lbs	81171

 980 IW HL
 108" Carriage
 96" Tine

 Construction Fork, FUSION
 523-4199
 523-4202



*Negative values indicate below grade





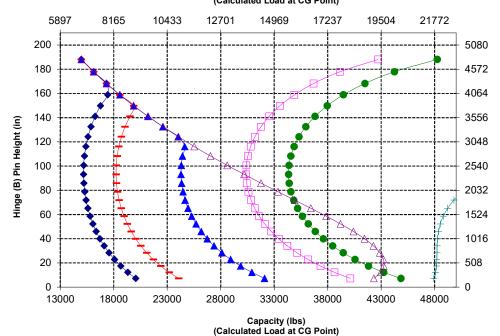
Coolant, Lubricants, and Operator.

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

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

CEN EN 474-3: 80% of full turn stati 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.



980 XE Forestry Machine

Millyard applications demand the additional performance, productivity, and safety that Cat forestry wheel loaders deliver.

Superior Fuel Efficiency

- Up to 35% better fuel efficiency compared to previous Cat model.
- Deep system integration of the Cat continuously variable transmission, engine, hydraulic, and cooling systems results in significantly increased performance and fuel efficiency.
- Eliminating the torque converter allows the capability to control engine rpm and machine speed independently, resulting in efficient digging, fine control, and easy operation.
- Lower rated engine speed reduces component wear and operating noise.
- Power dense engine burns less fuel by providing power and torque when needed.

Achieve Greater Productivity

- Forestry package includes additional counterweight, heavier rear frame, larger tilt cylinders, and shorter tilt links to increase machine capacity over the base model.
- Optional variable pitch fan and high debris coolers minimize the potential for overheating and reduce downtime for radiator clean out in high debris applications.
- Optional 3rd valve auxiliary hydraulics to control work tools requiring the additional function.
- Continuously variable transmission delivers smooth, fast acceleration and speed on grade.
- Machine maneuvering on grade is made easy with speed-hold and anti-rollback.
- Integrated continuously variable transmission provides maximum, steady power at optimal speeds.
- Lower rated engine speed reduces component wear and operating noise
- Power dense engine burns less fuel by providing power and torque when needed.

Proven Reliability

- Cat C13 engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

Durability

- Heavy-duty axles designed to handle extreme applications.
- Full-flow hydraulic filtration system with additional kidney-loop filtration improves hydraulic system reliability and component life.

Safety Features

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.
- Optional access light and under-hood service light system to provide illuminated access to the machine and daily checks even in the dark.

Reduced Maintenance Time and Costs

- Extended fluid and filter change intervals reduce maintenance costs by up to 25%.
- 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.
- Integrated Autolube extends component and service life.
- One-piece tilting hood makes engine compartment access fast and easy.

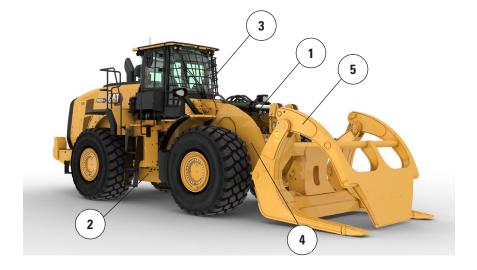
Work in Comfort in the All New Cab

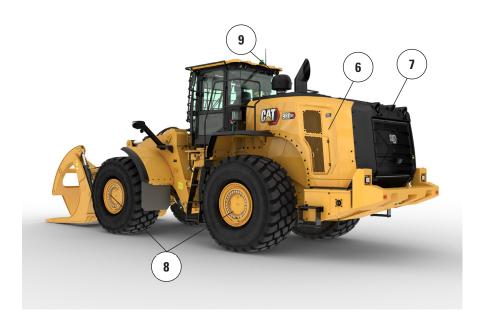
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.

980 XE Forestry Machine Specifications

980 XE Forestry Machine Features

- Larger tilt cylinders and optimized tilt links for increased load control in fork applications
- 2. Heavier rear frame and counterweight provide increased tipping loads in a millyard application
- 3. Optional window guarding to provide impact resistance to the glass
- 4. Optional 3rd function hydraulics provide auxiliary hydraulic control for work tools like millyard or logging forks
- 5. Wide range of millyard work tools





- 6. Optional variable pitch fan help 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

980 XE Forestry Machine Specifications

Tire Options

Tire Brand	Bridgestone	Michelin	Bridgestone	Michelin	Maxam	Maxam
Tire Size	29.5R25	29.5R25	29.5R25	29.5R25	29.5R25	29.5R25
Tread Type	L-4	L-4	L-3	L-3	L-3	L-4
Tread Pattern	VSNT	XLDD1	VJT	XHA2	MS302	MS405DX
Width over Tires – Maximum (empty)*	3240 mm 10'8"	3258 mm 10'9"	3263 mm 10'9"	3270 mm 10'9"	3270 mm 10'9"	3256 mm 10'9"
Width over Tires – Maximum (loaded)*	3260 mm 10'9"	3302 mm 10'10"	3289 mm 10'10"	3296 mm 10'10"	3290 mm 10'10"	3282 mm 10'10"
Change in Vertical Dimensions (average of front and rear)		−7 mm −0.3"	-23 mm -0.9"	−40 mm −1.6"	−19 mm −0.8"	−33 mm −1.3"
Change in Horizontal Reach		−1 mm 0"	20 mm 0.8"	23 mm 0.9"	6 mm 0.2"	19 mm 0.7"
Change in Clearance Circle to Outside of Tires		42 mm 1.7"	29 mm 1.1"	36 mm 1.4"	30 mm 1.2"	22 mm 0.9"
Change in Clearance Circle to Inside of Tires		−42 mm −1.7"	−29 mm −1.1"	−36 mm −1.4"	−30 mm −1.2"	−22 mm −0.9"
Change in Operating Weight (without Ballast)		−156 kg −344 lb	−684 kg −1,508 lb	−700 kg −1,544 lb	−528 kg −1,164 lb	-388 kg -856 lb
Change in Static Tipping Load – Straight		−119 kg −262 lb	−520 kg −1,147 lb	−532 kg −1,174 lb	-402 kg -885 lb	−295 kg −651 lb
Change in Static Tipping Load – Articulated		−103 kg −228 lb	-453 kg -998 lb	−463 kg −1,022 lb	−350 kg −771 lb	−257 kg −566 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±13 degrees	±13 degrees	±13 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"	549 mm 1'10"

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

Tire Brand	Michelin	Bridgestone	Bridgestone	Maxam
Tire Size	875/65R29	875/65R29	875/65R29	875/65R29
Tread Type	L-3	L-3	L-4	L-4
Tread Pattern	XHA2	VTS	VLTS	MS405DX
Width over Tires – Maximum (empty)*	3373 mm	3341 mm	3344 mm	3357 mm
	11'1"	11'0"	11'0"	11'1"
Width over Tires – Maximum (loaded)*	3384 mm	3359 mm	3366 mm	3382 mm
	11'2"	11'1"	11'1"	11'2"
Change in Vertical Dimensions (average of front and rear)	−25 mm	−19 mm	−16 mm	−34 mm
	−1"	−0.8"	−0.6"	−1.3"
Change in Horizontal Reach	18 mm	20 mm	19 mm	19 mm
	0.7"	0.8"	0.7"	0.7"
Change in Clearance Circle to Outside of Tires	124 mm	99 mm	106 mm	122 mm
	4.9"	3.9"	4.2"	4.8"
Change in Clearance Circle to Inside of Tires	−124 mm	−99 mm	−106 mm	−122 mm
	−4.9"	−3.9"	−4.2"	−4.8"
Change in Operating Weight (without Ballast)	−40 kg	240 kg	316 kg	308 kg
	−88 lb	529 lb	697 lb	679 lb
Change in Static Tipping Load – Straight	−30 kg	183 kg	240 kg	234 kg
	−67 lb	402 lb	530 lb	516 lb
Change in Static Tipping Load – Articulated	−26 kg	159 kg	209 kg	204 kg
	−58 lb	350 lb	461 lb	450 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±8 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	340 mm	340 mm	340 mm	340 mm
	1'1"	1'1"	1'1"	1'1"

 $[\]mbox{\ensuremath{\mbox{\sc *}}}\mbox{\sc Width over tire bulge}$ and includes tire growth.

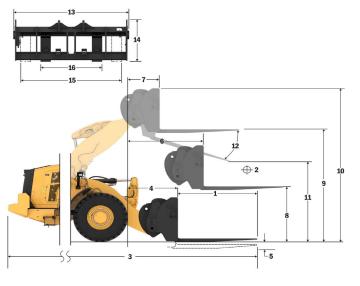
Fork Specifications

Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
_		in	48.0 15352
	Static Tipping Load - Straight (Forks Level)	kg Ibs	33835
	Static Tipping Load - Articulated (Forks Level)	kg	13533
	· · · · · · · · · · · · · · · · · · ·	lbs	29826 6766
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	14913
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8120
	reaced Load (OLIV EIV 474-5 Rough Ferrain - 00 % F FOTE)	lbs	17896
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	10826 23861
3	Marrian on Organil Landth	mm	11174
	Maximum Overall Length	in	439.9
4	Reach with Forks at Ground Level	mm	1318
		in mm	51.9 -143
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-5.6
6	Reach with Arms Horizontal and Forks Level	mm	1840
_		in mm	72.4 913
7	Reach with Fork at Maximum Height	in	35.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	2169
	Ground to Top of Time with Arms Honzontal and Fork Level	in	85.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4438 174.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5810
-10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	228.7
11	Clearance at Full Lift and Max Dump	mm in	2165 85.3
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2751
		in mm	108.3 1575
14	Overall Carriage Height	in	62.0
15	Outside Tine Width (max spread)	mm	2671
		in mm	105.1 849
16	Outside Tine Width (min spread)	in	33.4
	Tine Width (single tine)	mm	88.9 3.5
	T. T	in mm	203.2
	Tine Thickness	in	8.0
	Tine Capacity	kg	11068
		lbs kg	24393 31500
	Operating Weight	lbs	69426

980 LOGPallet, Pin-ON

96" Tine
473-9104



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



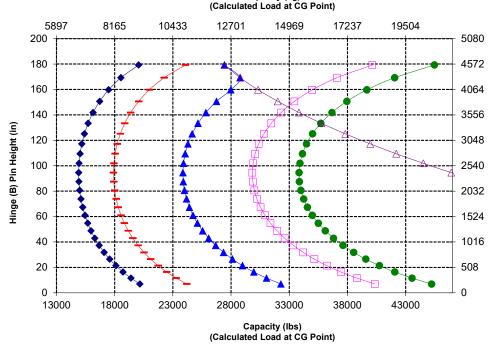
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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.

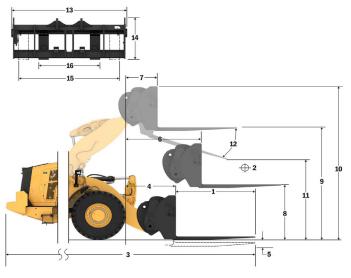
980 XE Forestry Machine Specifications

Fork Specifications

Fork Specification	ons
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1	Tine Length	mm in	1829 72.0
2	Load Center	mm	914
		in ka	36.0 16872
	Static Tipping Load - Straight (Forks Level)	lbs	37187
	Ctatic Timeira Land Anticulated (Faula Laura)	kg	14904
	Static Tipping Load - Articulated (Forks Level)	lbs	32849
	Rated Load (SAE J1197 - 50% FTSTL)	kg	7452
	Tatou 2000 (67.12 0 1.10 7 00 70 1 1 0 1 2)	lbs	16424
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	8943
	,	lbs ka	19709 11923
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	26279
_	Mariana Amerika	mm	10568
3	Maximum Overall Length	in	416.1
4	Reach with Forks at Ground Level	mm	1322
	Treach with Forks at Glound Level	in	52.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-149
	Croana to Dottom of Timo at Miniman Trong It and Total Earth	in	-5.9
6	Reach with Arms Horizontal and Forks Level	mm	1840
		in mm	72.4 913
7	Reach with Fork at Maximum Height	in	35.9
_	O	mm	2163
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	85.2
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4432
	Ground to Top or Time at Maximum Height and Fork Level	in	174.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5810
	· · · · · · · · · · · · · · · · · · ·	in	228.7 2607
11	Clearance at Full Lift and Max Dump	mm in	102.7
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2751
		in	108.3
14	Overall Carriage Height	mm	1581 62.3
	<u> </u>	in mm	2671
15	Outside Tine Width (max spread)	in	105.1
	Outside Time Milate (selection and a)	mm	849
16	Outside Tine Width (min spread)	in	33.4
	Tine Width (single tine)	mm	88.9
	Title Width (Single title)	in	3.5
	Tine Thickness	mm	203.2
	1815 1185001555	in	8.0
	Tine Capacity	kg	14742
	<u> </u>	lbs ka	32491 31268
	Operating Weight	lbs	68915
		iDo	00010

980 LOG 72" Tine Pallet, Pin-ON 473-9106



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



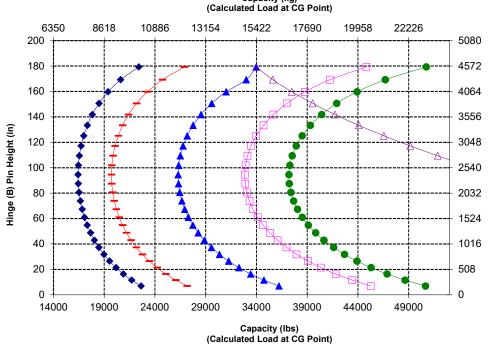
NOTE: Static tipping loads and operating weight are based on the operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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 **CEN - European Committee for





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

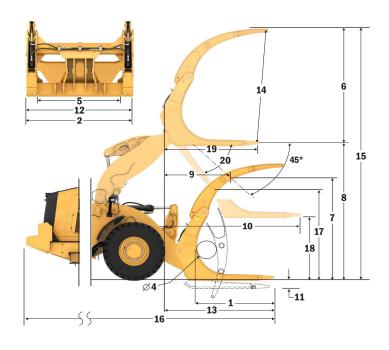
Fork Specifications

Fork Specifications

. •	opeomeaneme		
1	Tine length	mm in	1829 72.0
2	Fork width	mm	2777
		in m2	109.3 1.69
	End area	ft2	18
3	Inside Height	mm	0
	(only applies to double top clamp)	in	0
4	Min. opening (only applies to millyard forks)	mm in	555 22
	Operating Weight	kg	32765
	Operating Weight	lbs	72234
5	Distance inside of tine tips	mm	2215
	Static tipping load, articulated	in kg	87 15998
	Fork level	lbs	35268.4
	Static tipping load, straight	kg	18310
	Fork level	lbs	40366.2
6	Max. height of fork	mm	3107
	(w/clamp open if applicable)	in	122.3
7	Clearance w/full lift, 45 deg dump	mm	2982
	(if max. dump <> 45)	in mm	117.4 4301
8	Clearance @ full lift fork level	in	169.3
9	Reach w/full lift, 45 deg dump	mm	1600
	(if max. dump <> 45)	in	63.0
10	Reach w/lift arm horizontal and fork level	mm	3283
		in	129.2
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm in	-77 -3.0
	No. 10	mm	2741
12	Width over tines	in	107.9
13	Reach @ ground level	mm	2566
	Treath & ground level	in	101
14	Max. opening across tine and clamp	mm	2926
	Overall height of fork @ full lift and	in mm	115.2 7408
15	clamp open	in	291.7
16	Overall length	mm	9983
10	Tip of tine to rear of machine	in	393.0
17	Clearance @ full lift and max. dump	mm	2939
	Discharge (if <> 45) Clearance w/horizontal lift arms and	in	115.7 2032.4
18	fork level	mm in	2032.4 80.0
40		mm	2356.0
19	Reach @ full lift and fork level	in	92.8
20	Max. discharge angle from horizontal	deg	47
	man also harge angle from nonzonial	rad	0.8

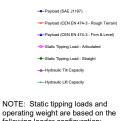
980 LOGMillyard, Pin-On

72" Tine
507-6128



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)

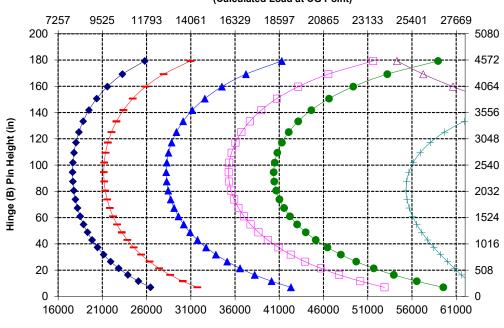


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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



Capacity (lbs)

(Calculated Load at CG Point)

Fork Specifications

Fork	Sne	ecific	ation	ıs
ı vir	JP	5 01110	auvi	ıə

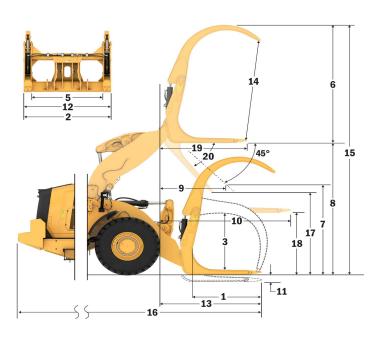
	•		
1	Tine length	mm in	1826 71.9
		mm	2802
2	Fork width	in	110.3
		m2	2.43
	End area	ft2	26
	Inside Height	mm	1540
3	(only applies to double top clamp)	in	61
	Min. opening	mm	N/A
4	(only applies to millyard forks)	in	N/A
	, , , , ,	kg	31970
	Operating Weight	lbs	70481
_	Birth of the first of	mm	2256
5	Distance inside of tine tips	in	89
	Static tipping load, articulated	kg	15920
	Fork level	lbs	35097.5
	Static tipping load, straight	kg	18102
	Fork level	lbs	39906.6
_	Max. height of fork	mm	3394
6	(w/clamp open if applicable)	in	133.6
7	Clearance w/full lift, 45 deg dump	mm	2979
′	(if max. dump <> 45)	in	117.3
8	Clearance @ full lift fork level	mm	4301
0	Clearance @ ruii iiit lork level	in	169.3
9	Reach w/full lift, 45 deg dump	mm	1603
9	(if max. dump <> 45)	in	63.1
10	Reach w/lift arm horizontal and fork level	mm	3287
10	Neach while and nonzonial and lock level	in	129.4
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-77
•••	Ground to Bottom or 100r at Minimum Height and 100r Level	in	-3.0
12	Width over tines	mm	2752
	Width over times	in	108.4
13	Reach @ ground level	mm	2570
	reach & ground level	in	101
14	Max. opening across tine and clamp	mm	2936
	wax. opening across tine and clamp	in	115.6
15	Overall height of fork @ full lift and	mm	7695
	clamp open	in	303.0
16	Overall length	mm	9987
	Tip of tine to rear of machine	in	393.2
17	Clearance @ full lift and max. dump	mm	2936
	Discharge (if <> 45)	in	115.6
18	Clearance w/horizontal lift arms and	mm	2032.2
	fork level	in	80.0
19	Reach @ full lift and fork level	mm	2359.9
		in	92.9
20	Max. discharge angle from horizontal	deg	47
		rad	0.8

980 LOG

Logging, Pin-On

72" Tine 383-1822

Hinge (B) Pin Height (mm)



Capacity (kg) (Calculated Load at CG Point)

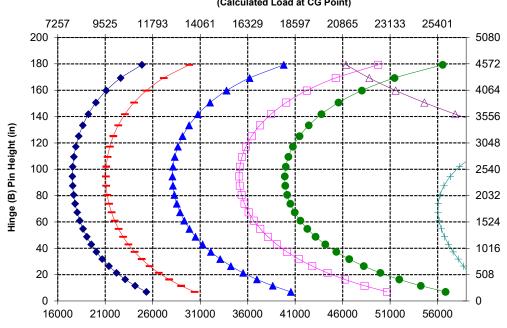


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone * VSNT L4 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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



Capacity (lbs)
(Calculated Load at CG Point)

^{*}Negative values indicate below grade

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

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AEXQ3163-03 (1-2023) Replaces AEXQ3163-02 Build Number: 14A (N Am, Europe)

