

966 GC Wheel Loader

Technical Specifications

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

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Engine		
Engine Model	Cat® C9.3B	
Engine Power @ 1,600 rpm		
ISO 14396:2002	239 kW	321 hp
ISO 14396:2002 (DIN)	325 mhp (PS	S)
Gross Power @ 1,600 rpm		
SAE J1995:2014	242 kW	325 hp
SAE J1995:2014 (DIN)	329 mhp (PS	S)
Net Power @ 1,600 rpm		
ISO 9249:2007, SAE J1349:2011	218 kW	292 hp
ISO 9249:2007 (DIN)	296 mhp (PS	S)
Engine Torque @ 1,200 rpm		
ISO 14396:2002	1781 N·m	1,314 lbf-ft
Gross Torque @ 1,200 rpm		
SAE J1995:2014	1799 N·m	1,327 lbf-ft
Net Torque @ 1,200 rpm		
ISO 9249:2007, SAE J1349:2011	1673 N·m	1,234 lbf-ft
Bore	115 mm	4.5 in
Stroke	149 mm	5.9 in
Displacement	9.30 L	567.5 in ³

- Cat engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Tier 5, China Nonroad Stage IV and Japan 2014 (Tier 4 Final) 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 (hydrogenated 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.

Weights Operating Weight 21 781 kg 48,018 lb

• Weight based on a machine configuration with Maxam MS302 L3 Tires, full fluids, operator, standard counterweight, ride control cold start, roading fenders, Product LinkTM, Open/open axles, power train guard, secondary steering, steering cylinder guard, and a 4.0 m³ (5.25 yd³) general purpose bucket with BOCE.

Operating Specifications		
Static Tipping Load Full 37° Turn		
With Tire Deflection	13 640 kg	30,072 lb
Without Tire Deflection	14 621 kg	32,233 lb
Breakout Force	164 kN	36.974 lbf

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

Bucket Capacities		
Bucket Range	3.2-7.1 m ³	4.25-9.25 yd ³
Transmission		
Forward 1	6.4 km/h	4.0 mph
Forward 2	12.1 km/h	7.5 mph
Forward 3	21.0 km/h	13.0 mph
Forward 4	34.8 km/h	21.6 mph
Reverse 1	7.0 km/h	4.3 mph
Reverse 2	13.2 km/h	8.2 mph
Reverse 3	23.0 km/h	14.3 mph
Reverse 4	36.9 km/h	22.9 mph

- Maximum travel speeds (26.5R25 tires).
- Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 826 mm (32.5 in) roll radius.

Service Refill Capacities		
Fuel Tank Size	320 L	84.5 gal
DEF Tank	26 L	6.9 gal
Cooling System	53 L	14.0 gal
Crankcase	23 L	6.1 gal
Transmission	55 L	14.5 gal
Differentials and Final Drives – Front	57 L	15.1 gal
Differentials and Final Drives – Rear	57 L	15.1 gal
Hydraulic Tank	101 L	26.7 gal

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.7 kg of refrigerant which has a $\rm CO_2$ equivalent of 2.431 metric tonnes.

Hydraulic System		
Implement System Pump Type	Variable displacement piston, load sensing	
Implement System		
Maximum Pump Output at 2,275 rpm	327 L/min	86 gal/min
Maximum Operating Pressure at 50 L/min (13.2 gal/min)	27 900 kPa	4,047 psi
3rd Function Maximum Pressure	22 780 kPa	3,304 psi
3rd Function Maximum Flow	240 L/min	63 gal/min
Hydraulic Cycle Time		
Raise from Carry Position	5.7 seconds	
Dump at Maximum Raise	1.8 seconds	
Lower, Empty, Float Down	2.6 seconds	
Total Cycle Time	10.1 seconds	<u> </u>

Tires*

Choices include:

Triangle 26.5R25★★ L3 (TB516)

Triangle 26.5R25★★ L3 (TB598)

Maxam 26.5R25★★ L3 (MS302)

Bridgestone 26.5R25★ L3 (VJT)

Maxam 26.5R25★★ L5 (MS503)

Bridgestone 26.5R25★ L5 (VSDT)

Triangle $26.5R25 \star \star L5 (TL538S+)$

Bridgestone 26.5-25 20PR L-3 (VL2)

Sound

The sound values indicated below are for specific operating conditions only. Machine and operator sound levels will vary at different engine and/or cooling fan speeds. Hearing protection may be needed when the machine is operated with a cabin that is not properly maintained, or when the doors and/or windows are open for extended periods or in a noisy environment.

With Cooling Fan Speed at Maximum	Value:	
Operator Sound Pressure Level (ISO 6396:2008)	75 dB(A)	
Exterior Sound Power Level (ISO 6395:2008)	110 dB(A)	
Exterior Sound Power Level (SAE J88:2013)	78 dB(A)	
With Cooling Fan Speed at 70% of M	aximum Value:*	
Operator Sound Pressure Level (ISO 6396:2008)	73 dB(A)	
Exterior Sound Power Level	108 dB(A)**	

^{*}For machines in European Union countries and in countries that adopt the "EU Directives."

^{**}European Union Directive "2000/14/EC" as amended by "2005/88/EC."

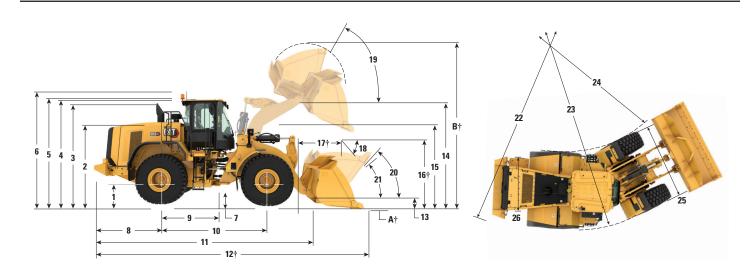
Cab	
ROPS/FOPS	ROPS/FOPS meet ISO 3471:2008 and ISO 3449:2005 Level II standards
Brakes	
Brakes	Brakes meet

ISO 3450:2011 standards

^{*}Tire offerings vary by region. Consult your local Cat dealer for further details.

Dimensions

All dimensions are approximate and based on 26.5R25 ★ ★ L3 TB516 Triangle tires.



Height to Axle Centerline	819 mm	2'8"
Height to Top of Hood	2804 mm	9'3"
Height to Top of Exhaust Pipe	3539 mm	11'8"
Height to Top of ROPS	3582 mm	11'10"
Height to Top of Product Link Antenna (EU Stage IIIA/EPA Tier 3)	3612 mm	11'11"
Height to Top of Product Link Antenna (EU Stage V/EPA Tier 4 Final/CNR4)	3583 mm	11'10"
Height to Top of Warning Beacon	3877 mm	12'9"
Ground Clearance	455 mm	1'5"
Center Line of Rear Axle to Edge of Counterweight	2453 mm	8'1"
Center Line of Rear Axle to Hitch	1775 mm	5'10"
Wheelbase	3550 mm	11'8"
Overall Length (without Bucket)	7527 mm	24'9"
Shipping Length (with Bucket level on ground)*†	8937 mm	29'4"
Hinge Pin Height at Carry Height	614 mm	2'0"
Hinge Pin Height at Maximum Lift	4256 mm	13'11"
Lift Arm Clearance at Maximum Lift	3705 mm	12'1"
Dump Clearance at Maximum Lift and 45° Discharge*†	3064 mm	10'0"
Reach at Maximum Lift and 45° Discharge*†	1302 mm	4'3"
Dump Angle at Maximum Lift & Dump (on stops)*	45°)
Rack Back at Maximum Lift*	62°)
Rack Back at Carry Height*	50°)
Rack Back at Ground*	42°)
Clearance Circle (dia) to Counterweight	13 386 mm	44'0"
Clearance Circle (dia) to Outside of Tires	13 350 mm	43'10"
Clearance Circle (dia) to Inside of Tires	7456 mm	24'6"
Width Over Tires (unloaded)	2874 mm	9'6"
Width Over Tires (loaded)	3173 mm	10'5"
	Height to Top of Warning Beacon Ground Clearance Center Line of Rear Axle to Edge of Counterweight Center Line of Rear Axle to Hitch Wheelbase Overall Length (without Bucket) Shipping Length (with Bucket level on ground)*† Hinge Pin Height at Carry Height Hinge Pin Height at Maximum Lift Lift Arm Clearance at Maximum Lift Dump Clearance at Maximum Lift and 45° Discharge*† Reach at Maximum Lift and 45° Discharge*† Dump Angle at Maximum Lift & Dump (on stops)* Rack Back at Maximum Lift* Rack Back at Carry Height* Rack Back at Ground* Clearance Circle (dia) to Counterweight Clearance Circle (dia) to Inside of Tires Clearance Circle (dia) to Inside of Tires	Height to Top of Hood 2804 mm Height to Top of Exhaust Pipe 3539 mm Height to Top of ROPS 3582 mm Height to Top of Product Link Antenna (EU Stage IIIA/EPA Tier 3) 3612 mm Height to Top of Product Link Antenna (EU Stage V/EPA Tier 4 Final/CNR4) 3883 mm Height to Top of Warning Beacon 3877 mm Ground Clearance 455 mm Center Line of Rear Axle to Edge of Counterweight 2453 mm Center Line of Rear Axle to Hitch 1775 mm Wheelbase 3550 mm Overall Length (without Bucket) 7527 mm Shipping Length (with Bucket level on ground)*† 8937 mm Hinge Pin Height at Carry Height 614 mm Hinge Pin Height at Maximum Lift 4256 mm Lift Arm Clearance at Maximum Lift 3705 mm Dump Clearance at Maximum Lift and 45° Discharge*† 3064 mm Reach at Maximum Lift and 45° Discharge*† 1302 mm Dump Angle at Maximum Lift & Dump (on stops)* 45° Rack Back at Maximum Lift* 50° Rack Back at Ground* 50° Clearance Circle (dia) to Counterweight 13 386 mm

^{*}With 4.0 m³ (5.23 yd³) general purpose pin-on bucket with BOCE (see Operating Specifications for other Buckets).

[†]Dimensions are listed in Operating Specifications charts.

All height and tire related dimensions are with tire AR-RIM 26.5R25 ** L-3 TB516 Triangle tires (see Tire Option Chart for other tires). "Width Over Tires" dimensions are over the bulge and include growth.

Tire Options

Tire Brand	Triangle	Maxam	Bridgestone	Maxam
Tire Size	26.5R25	26.5R25	26.5R25	26.5R25
Tread Type	L-3	L-3	L-3	L-5
Tread Pattern	TB516	MS302	VJT	MS503
Width over Tires – Maximum (empty)*	2874 mm 9'5"	2965 mm 9'9"	2966 mm 9'9"	2955 mm 9'8"
Width over Tires – Maximum (loaded)*	3173 mm 10'5"	3007 mm 9'10"	3005 mm 9'10"	3000 mm 9'10"
Change in Vertical Dimensions		7 mm	−2 mm	33 mm
(average of front and rear)		0.3"	-0.1"	1.3"
Change in Horizontal Reach		-0.5 mm -0.02"	6.5 mm 0.26"	−22 mm −0.87"
Change in Clearance Circle to Outside of Tires		−83 mm −3.27"	−84 mm −3.31"	-86.5 mm -3.41"
Change in Clearance Circle to Inside of Tires		83 mm 3.27"	84 mm 3.31"	86.5 mm 3.41"
Change in Operating Weight (without Ballast)		−64 kg −141.1 lb	−180 kg −396.8 lb	652 kg 1,437 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±13 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	502 mm 1'8"	502 mm 1'8"	502 mm 1'8"	310 mm 1'1"
*\\(\text{i}\)				

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

Tire Brand	Bridgestone	Triangle	Triangle	Bridgestone
Tire Size	26.5R25	26.5R25	26.5R25	26.5-25
Tread Type	L-5	L-5	L-3	L-3
Tread Pattern	VSDT	TL538S+	TB598	VL2
Width over Tires – Maximum (empty)*	2972 mm	2962 mm	2943 mm	2927 mm
	9'9"	9'9"	9'8"	9'7"
Width over Tires – Maximum (loaded)*	2995 mm	2980 mm	2999 mm	2946 mm
	9'10"	9'9"	9'10"	9'8"
Change in Vertical Dimensions	26.5 mm	8.5 mm	–28.5 mm	-45 mm
(average of front and rear)	1.0"	0.3"	-1.1"	-1.8"
Change in Horizontal Reach	-12.5 mm	−29 mm	3 mm	6 mm
	-0.49"	−1.14"	0.12"	0.24"
Change in Clearance Circle to Outside of Tires	−89 mm	−96.5 mm	−87 mm	-113.5 mm
	−3.5"	−3.8"	−3.43"	-4.47"
Change in Clearance Circle to Inside of Tires	89 mm	96.5 mm	87 mm	113.5 mm
	3.5"	3.8"	3.43"	4.47"
Change in Operating Weight (without Ballast)	764 kg	656 kg	−80 kg	-404 kg
	1,684 lb	1,446 lb	−176.4 lb	-890.7 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±13 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	310 mm	310 mm	502 mm	502 mm
	1'1"	1'1"	1'8"	1'8"

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

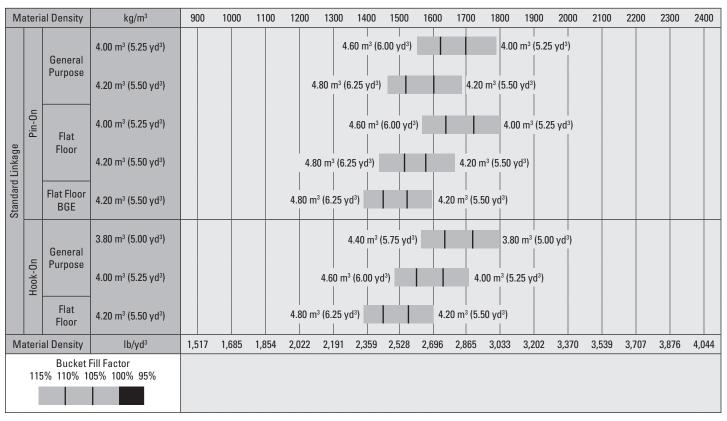
Bucket Fill Factors and Selection Guide

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 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.

^{*}Bucket availability may vary by region.

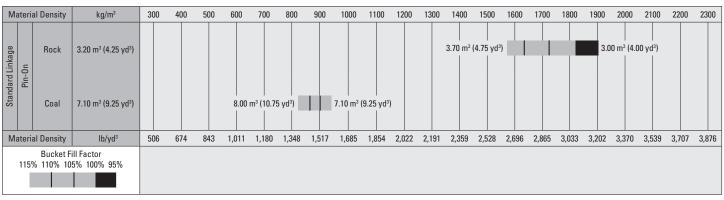
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^{*}As a % of ISO 7546 rated capacity.

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



Note: All buckets are showing Bolt-On Edges.

^{*}Bucket availability may vary by region.

^{**} Data with Rock, Spade buckets equipped with Teeth and Segments and machine with L5 tires.

Operating Specifications – Buckets

Linkage	Standard Linkage							
Bucket Type		GC General Purpose – Pin-On						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	
Capacity – Rated	m ³	4.00	4.00	3.85	4.20	4.20	4.00	
	yd^3	5.25	5.25	5.00	5.50	5.50	5.25	
Capacity - Rated at 110% Fill Factor	m^3	4.40	4.40	4.20	4.60	4.60	4.50	
	yd^3	5.75	5.75	5.50	6.00	6.00	6.00	
Width	mm	3220	3271	3271	3220	3271	3271	
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"	
16† Dump Clearance at Maximum Lift	mm	3071	2918	2918	3042	2888	2888	
and 45° Discharge	ft/in	10'0"	9'6"	9'6"	9'11"	9'5"	9'5"	
17† Reach at Maximum Lift and	mm	1300	1439	1439	1324	1462	1462	
45° Discharge	ft/in	4'3"	4'8"	4'8"	4'4"	4'9"	4'9"	
Reach at Level Lift Arm and	mm	2724	2928	2928	2762	2966	2966	
Bucket Level	ft/in	8'11"	9'7"	9'7"	9'0"	9'8"	9'8"	
A† Digging Depth	mm	97	97	67	97	97	67	
	in	3.8"	3.8"	2.6"	3.8"	3.8"	2.6"	
12† Overall Length	mm	8932	9157	9157	8970	9195	9195	
	ft/in	29'4"	30'1"	30'1"	29'6"	30'3"	30'3"	
B † Overall Height with Bucket at	mm	5856	5856	5856	5895	5895	5895	
Maximum Lift	ft/in	19'3"	19'3"	19'3"	19'5"	19'5"	19'5"	
Loader Clearance Circle Radius	mm	7501	7587	7587	7510	7597	7597	
with Bucket at Carry Position	ft/in	24'8"	24'11"	24'11"	24'8"	25'0"	25'0"	
Static Tipping Load, Straight	kg	15 488	15 304	15 510	15 421	15 237	15 435	
(With tire deflection)	lb	34,136	33,731	34,184	33,989	33,582	34,018	
Static Tipping Load, Straight	kg	16 464	16 279	16 485	16 403	16 216	16 414	
(No tire deflection)	lb	36,288	35,879	36,334	36,152	35,740	36,177	
Static Tipping Load,	kg	13 640	13 456	13 650	13 575	13 391	13 577	
Articulated (With tire deflection)	lb	30,063	29,658	30,085	29,920	29,513	29,925	
Static Tipping Load, Articulated	kg	14 620	14 434	14 629	14 560	14 373	14 560	
(No tire deflection)	lb	32,223	31,814	32,242	32,091	31,680	32,090	
Breakout Force(§)	kN	164	162	174	159	157	169	
	lbf	36,927	36,575	39,295	35,828	35,477	38,060	
Operating Weight*	kg	21 781	21 919	21 756	21 822	21 960	21 797	
	lb	48,006	48,309	47,950	48,096	48,400	48,040	

^{*} Static tipping loads and operating weights shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3 * TB516 tires, standard counterweight, full fluids, and 75 kg (165 lb) operator.

[†] 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.

Bucket and work tool offerings vary by region. Consult your local Cat dealer for further details.

Operating Specifications – Buckets

Linkage		Standard Linkage General Purpose – Pin-On						
Bucket Type								
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	
Capacity – Rated	m ³	4.00	4.00	3.80	4.20	4.20	4.00	
	yd^3	5.25	5.25	5.00	5.50	5.50	5.25	
Capacity – Rated at 110% Fill Factor	m ³	4.40	4.40	4.20	4.60	4.60	4.40	
	yd^3	5.75	5.75	5.50	6.00	6.00	5.75	
Width	mm	3220	3301	3271	3220	3301	3271	
	ft/in	10'6"	10'9"	10'8"	10'6"	10'9"	10'8"	
16† Dump Clearance at Maximum Lift	mm	3085	2909	2932	3018	2849	2864	
and 45° Discharge	ft/in	10'1"	9'6"	9'7"	9'10"	9'4"	9'4"	
17† Reach at Maximum Lift and	mm	1289	1420	1428	1343	1480	1480	
45° Discharge	ft/in	4'2"	4'7"	4'8"	4'4"	4'10"	4'10"	
Reach at Level Lift Arm and	mm	2705	2919	2910	2793	3008	2998	
Bucket Level	ft/in	8'10"	9'6"	9'6"	9'1"	9'10"	9'10"	
A† Digging Depth	mm	97	97	67	97	97	67	
	in	3.8"	3.8"	2.6"	3.8"	3.8"	2.6"	
12† Overall Length	mm	8914	9167	9139	9001	9245	9227	
	ft/in	29'3"	30'1"	30'0"	29'7"	30'4"	30'4"	
B † Overall Height with Bucket at	mm	5915	5915	5915	5915	5915	5915	
Maximum Lift	ft/in	19'5"	19'5"	19'5"	19'5"	19'5"	19'5"	
Loader Clearance Circle Radius	mm	7489	7599	7575	7511	7617	7597	
with Bucket at Carry Position	ft/in	24'7"	25'0"	24'11"	24'8"	25'0"	25'0"	
Static Tipping Load, Straight	kg	15 366	15 128	15 404	15 176	14 971	15 220	
(With tire deflection)	1b	33,868	33,344	33,951	33,449	32,996	33,546	
Static Tipping Load, Straight	kg	16 353	16 112	16 391	16 156	15 947	16 200	
(No tire deflection)	1b	36,043	35,511	36,126	35,608	35,149	35,705	
Static Tipping Load,	kg	13 510	13 271	13 534	13 333	13 127	13 362	
Articulated (With tire deflection)	lb	29,776	29,251	29,829	29,386	28,932	29,451	
Static Tipping Load, Articulated	kg	14 500	14 258	14 522	14 316	14 107	14 344	
(No tire deflection)	lb	31,959	31,425	32,008	31,553	31,093	31,616	
Breakout Force(§)	kN	166	163	176	155	153	164	
	lbf	37,318	36,764	39,744	34,872	34,412	36,996	
Operating Weight*	kg	21 974	22 145	21 949	22 030	22 175	22 005	
	lb	48,431	48,807	48,375	48,554	48,873	48,499	

^{*}Static tipping loads and operating weights shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3★★ TB516 tires, standard counterweight, full fluids, and 75 kg (165 lb) operator.

 $Bucket\ and\ work\ tool\ offerings\ vary\ by\ region.\ Consult\ your\ local\ Cat\ dealer\ for\ further\ details.$

[†] 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.

Operating Specifications – Buckets

Linkage	Standard Linkage								
Bucket Type		General Purpose — Hook-On — Fusion™							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips		
Capacity – Rated	m^3	3.80	3.80	3.60	4.00	4.00	3.80		
	yd³	5.00	5.00	4.75	5.25	5.25	5.00		
Capacity – Rated at 110% Fill Factor	m^3	4.20	4.20	4.00	4.40	4.40	4.20		
	yd^3	5.50	5.50	5.25	5.75	5.75	5.50		
Width	mm	3220	3271	3271	3201	3201	3201		
	ft/in	10'6"	10'8"	10'8"	10'6"	10'6"	10'6"		
16† Dump Clearance at Maximum Lift	mm	3065	2913	2913	3052	2897	2897		
and 45° Discharge	ft/in	10'0"	9'6"	9'6"	10'0"	9'6"	9'6"		
17† Reach at Maximum Lift and	mm	1317	1456	1456	1320	1461	1461		
45° Discharge	ft/in	4'3"	4'9"	4'9"	4'3"	4'9"	4'9"		
Reach at Level Lift Arm and	mm	2738	2943	2943	2750	2958	2958		
Bucket Level	ft/in	8'11"	9'7"	9'7"	9'0"	9'8"	9'8"		
A† Digging Depth	mm	97	97	67	67	67	67		
	in	3.8"	3.8"	2.6"	2.6"	2.6"	2.6"		
12† Overall Length	mm	8947	9172	9172	8962	9191	9191		
	ft/in	29'5"	30'2"	30'2"	29'5"	30'2"	30'2"		
B † Overall Height with Bucket at	mm	5830	5830	5830	5946	5946	5946		
Maximum Lift	ft/in	19'2"	19'2"	19'2"	19'7"	19'7"	19'7"		
Loader Clearance Circle Radius	mm	7511	7600	7600	7506	7574	7574		
with Bucket at Carry Position	ft/in	24'8"	25'0"	25'0"	24'8"	24'11"	24'11"		
Static Tipping Load, Straight	kg	14 828	14 646	14 979	14 781	14 566	14 913		
(With tire deflection)	lb	32,681	32,280	33,014	32,578	32,104	32,869		
Static Tipping Load, Straight	kg	15 786	15 602	15 947	15 750	15 532	15 893		
(No tire deflection)	lb	34,793	34,386	35,147	34,713	34,232	35,030		
Static Tipping Load,	kg	12 998	12 816	13 135	12 951	12 736	13 068		
Articulated (With tire deflection)	lb	28,649	28,247	28,950	28,546	28,071	28,802		
Static Tipping Load, Articulated	kg	13 960	13 776	14 107	13 924	13 706	14 052		
(No tire deflection)	lb	30,770	30,363	31,092	30,689	30,209	30,970		
Breakout Force(§)	kN	161	160	172	170	168	169		
~	lbf	36,358	36,007	38,663	38,209	37,771	38,137		
Operating Weight*	kg	22 337	22 475	22 312	22 385	22 547	22 381		
	lb	49,231	49,535	49,175	49,336	49,693	49,327		

^{*}Static tipping loads and operating weights shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3★★ TB516 tires, standard counterweight, full fluids, and 75 kg (165 lb) operator.

[†] 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.

 $Bucket\ and\ work\ tool\ offerings\ vary\ by\ region.\ Consult\ your\ local\ Cat\ dealer\ for\ further\ details.$

Operating Specifications – Buckets

Linkage		Standard Linkage							
	Pin	-On							
Bucket Type		GC Flat Floor	Flat Floor – BGE – Abrasion	Flat Floor –	Flat Floor – Abrasion	Flat Floor – BGE – Abrasion	Flat Floor – BGE – Abrasion		
Edge Type		Bolt-On Cutting Edges	FMT	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	FMT		
Capacity – Rated	m^3	4.00	4.00	4.20	4.20	4.20	4.20		
	yd^3	5.25	5.25	5.50	5.50	5.50	5.50		
Capacity – Rated at 110% Fill Factor	m^3	4.40	4.40	4.60	4.60	4.60	4.60		
	yd^3	5.75	5.75	6.00	6.00	6.00	6.00		
Width	mm	2994	2994	2995	2995	2995	2996		
	ft/in	9'9"	9'9"	9'9"	9'9"	9'9"	9'9"		
16† Dump Clearance at Maximum Lift	mm	2947	2786	2921	2929	2921	2723		
and 45° Discharge	ft/in	9'8"	9'1"	9'7"	9'7"	9'7"	8'11"		
17† Reach at Maximum Lift and	mm	1258	1456	1291	1283	1291	1522		
45° Discharge	ft/in	4'1"	4'9"	4'2"	4'2"	4'2"	4'11"		
Reach at Level Lift Arm and	mm	2801	3054	2842	2831	2842	3146		
Bucket Level	ft/in	9'2"	10'0"	9'3"	9'3"	9'3"	10'3"		
A† Digging Depth	mm	102	67	97	97	97	72		
	in	4.0"	2.6"	3.8"	3.8"	3.8"	2.8"		
12† Overall Length	mm	9013	9245	9050	9039	9050	9335		
	ft/in	29'7"	30'4"	29'9"	29'8"	29'9"	30'8"		
B † Overall Height with Bucket at	mm	5727	5771	6001	6041	6003	6075		
Maximum Lift	ft/in	18'10"	19'0"	19'9"	19'10"	19'9"	20'0"		
Loader Clearance Circle Radius	mm	7419	7477	7419	7416	7419	7492		
with Bucket at Carry Position	ft/in	24'5"	24'7"	24'5"	24'4"	24'5"	24'7"		
Static Tipping Load, Straight	kg	15 496	15 532	14 994	14 873	14 546	14 466		
(With tire deflection)	lb	34,154	34,234	33,048	32,780	32,061	31,884		
Static Tipping Load, Straight	kg	16 460	16 511	15 954	15 836	15 498	15 433		
(No tire deflection)	lb	36,278	36,390	35,162	34,903	34,159	34,015		
Static Tipping Load,	kg	13 667	13 690	13 176	13 052	12 728	12 640		
Articulated (With tire deflection)	lb	30,122	30,174	29,041	28,766	28,054	27,859		
Static Tipping Load, Articulated	kg	14 635	14 672	14 140	14 019	13 685	13 611		
(No tire deflection)	lb	32,255	32,339	31,166	30,899	30,162	29,999		
Breakout Force(§)	kN	155	161	149	150	148	147		
	lbf	34,990	36,215	33,659	33,770	33,333	33,050		
Operating Weight*	kg	21 577	21 649	22 013	22 167	22 413	22 536		
-	lb	47,555	47,714	48,516	48,856	49,398	49,669		

^{*}Static tipping loads and operating weights shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3★★ TB516 tires, standard counterweight, full fluids, and 75 kg (165 lb) operator.

[†] 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.

 $Bucket\ and\ work\ tool\ offerings\ vary\ by\ region.\ Consult\ your\ local\ Cat\ dealer\ for\ further\ details.$

Operating Specifications – Buckets

Linkage		Standard Linkage			
Bucket Type		Flat Floor — Hook-On — Fusion	Flat Floor – Hook-On – Fusion – BGE		
Edge Type		Bolt-On Cutting Edges	FMT		
Capacity – Rated	m^3	4.20	4.20		
	yd^3	5.50	5.50		
Capacity – Rated at 110% Fill Factor	m ³	4.60	4.60		
	yd^3	6.00	6.00		
Width	mm	2995	2996		
	ft/in	9'9"	9'9"		
16† Dump Clearance at Maximum Lift	mm	4289	4313		
and 45° Discharge	ft/in	14'0"	14'1"		
17† Reach at Maximum Lift and	mm	2059	2409		
45° Discharge	ft/in	6'9"	7'10"		
Reach at Level Lift Arm and	mm	2897	3244		
Bucket Level	ft/in	9'6"	10'7"		
A† Digging Depth	mm	101	76		
	in	4.0"	3.0"		
12† Overall Length	mm	9108	9495		
	ft/in	29'11"	31'2"		
B † Overall Height with Bucket at	mm	6022	6116		
Maximum Lift	ft/in	19'10"	20'1"		
Loader Clearance Circle Radius	mm	7423	7533		
with Bucket at Carry Position	ft/in	24'5"	24'9"		
Static Tipping Load, Straight	kg	14 560	15 151		
(With tire deflection)	lb	32,091	33,394		
Static Tipping Load, Straight	kg	15 564	16 173		
(No tire deflection)	lb	34,304	35,645		
Static Tipping Load,	kg	12 717	13 297		
Articulated (With tire deflection)	lb	28,028	29,306		
Static Tipping Load, Articulated	kg	13 724	14 320		
(No tire deflection)	lb	30,248	31,562		
Breakout Force(§)	kN	140	143		
	lbf	31,616	32,331		
Operating Weight*	kg	22 729	22 188		
	lb	50,094	48,902		

^{*}Static tipping loads and operating weights shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3★★ TB516 tires, standard counterweight, full fluids, and 75 kg (165 lb) operator.

 $Bucket\ and\ work\ tool\ offerings\ vary\ by\ region.\ Consult\ your\ local\ Cat\ dealer\ for\ further\ details.$

 $[\]ensuremath{^{\dagger}}\xspace$ 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.

Operating Specifications – Buckets

Linkage			Standard Linkage	
Bucket Type				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m^3	3.20	3.20	3.00
	yd³	4.25	4.25	4.00
Capacity - Rated at 110% Fill Factor	m^3	3.50	3.50	3.30
	yd³	4.50	4.50	4.25
Width	mm	3252	3252	3252
	ft/in	10'8"	10'8"	10'8"
6† Dump Clearance at Maximum Lift	mm	3126	3022	3022
and 45° Discharge	ft/in	10'3"	9'10"	9'10"
7† Reach at Maximum Lift and	mm	1435	1535	1535
45° Discharge	ft/in	4'8"	5'0"	5'0"
Reach at Level Lift Arm and	mm	2779	2921	2921
Bucket Level	ft/in	9'1"	9'7"	9'7"
A† Digging Depth	mm	78	78	78
	in	3.0"	3.0"	3.0"
2† Overall Length	mm	8996	9160	9160
	ft/in	29'7"	30'1"	30'1"
B† Overall Height with Bucket at	mm	5896	5896	5896
Maximum Lift	ft/in	19'5"	19'5"	19'5"
Loader Clearance Circle Radius	mm	7529	7576	7576
with Bucket at Carry Position	ft/in	24'9"	24'11"	24'11"
Static Tipping Load, Straight	kg	15 717	15 567	15 975
(With tire deflection)	lb	34,641	34,311	35,210
Static Tipping Load, Straight	kg	16 723	16 571	16 992
(No tire deflection)	lb	36,857	36,523	37,451
Static Tipping Load,	kg	13 800	13 649	14 045
Articulated (With tire deflection)	lb	30,415	30,084	30,955
Static Tipping Load, Articulated	kg	14 809	14 658	15 065
(No tire deflection)	lb	32,641	32,306	33,204
Breakout Force(§)	kN	174	173	175
(3)	lbf	39,309	39,019	39,465
Operating Weight*	kg	22 888	22 999	22 768
- F	lb	50,445	50,690	50,180

^{*}Static tipping loads and operating weights shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3★★ TB516 tires, standard counterweight, full fluids, and 75 kg (165 lb) operator.

 $Bucket\ and\ work\ tool\ offerings\ vary\ by\ region.\ Consult\ your\ local\ Cat\ dealer\ for\ further\ details.$

[†] 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.

Operating Specifications – Buckets

Linkage		Standard Linkage		
Bucket Type		Coal – Pin-On		
Edge Type		Bolt-On Cutting Edges		
Capacity – Rated	m ³	7.10		
	yd^3	9.25		
Capacity – Rated at 110% Fill Factor	m^3	7.80		
	yd^3	10.25		
Width	mm	3447		
	ft/in	11'3"		
16 † Dump Clearance at Maximum Lift	mm	2652		
and 45° Discharge	ft/in	8'8"		
17† Reach at Maximum Lift and	mm	1538		
45° Discharge	ft/in	5'0"		
Reach at Level Lift Arm and	mm	3207		
Bucket Level	ft/in	10'6"		
A† Digging Depth	mm	113		
	in	4.4"		
12† Overall Length	mm	9428		
	ft/in	31'0"		
B [†] Overall Height with Bucket at	mm	6098		
Maximum Lift	ft/in	20'1"		
Loader Clearance Circle Radius	mm	7727		
with Bucket at Carry Position	ft/in	25'5"		
Static Tipping Load, Straight	kg	14 494		
(With tire deflection)	lb	31,945		
Static Tipping Load, Straight	kg	15 508		
(No tire deflection)	lb	34,180		
Static Tipping Load,	kg	12 673		
Articulated (With tire deflection)	lb	27,932		
Static Tipping Load, Articulated	kg	13 690		
(No tire deflection)	lb	30,174		
Breakout Force (§)	kN	115	<u> </u>	
	lbf	25,910		
Operating Weight*	kg	22 338		
	lb	49,233		

^{*}Static tipping loads and operating weights shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3★★ TB516 tires, standard counterweight, full fluids, and 75 kg (165 lb) operator.

Bucket and work tool offerings vary by region. Consult your local Cat dealer for further details.

[†] 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.

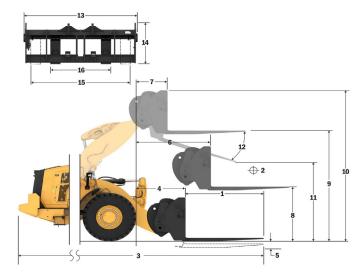
⁽With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

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

Fork Specifications

	ik opecifications		
1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	11169 24617
	Otatic Timeles of Additional Additional (Fooder Level)	kg	9905
	Static Tipping Load - Articulated (Forks Level)	lbs	21830
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4952
		lbs	10915 5943
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	13098
	Detect Lond (CEN EN 474 2 Firms and Lovel Crowned 1909/ FTCTL)	kg	7761
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17105
3	Maximum Overall Length	mm	9509
		in mm	374.4 1106
4	Reach with Forks at Ground Level	in	43.6
_	*O	mm	-149
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-5.9
6	Reach with Arms Horizontal and Forks Level	mm	1687
	Trouble Mary and Tonizonial and Tonio 2010	in	66.4
7	Reach with Fork at Maximum Height	mm in	819 32.3
_		mm	1883
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	74.1
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3966
		in mm	156.1 4741
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	186.7
11	Clearance at Full Lift and Max Dump	mm	2669
•••	Olearance at 1 an Lint and Wax Bump	in	105.1
12	Max Discharge Angle from Horizontal	deg	43
13	Overall Carriage Width	mm in	2217 87.3
4.4	Overall Carriage Height	mm	840
14	Overali 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
	Tipe Width (single tipe)	mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg Ibs	6300 13885
	On a makin at Marianka	kg	21059
	Operating Weight	lbs	46413

966 GC S5 60" Tine 87" Carriage 530-1861 Pallet Fork, FUSION 548-3265



*Negative values indicate below grade

Capacity (kg) (Calculated Load at CG Point)



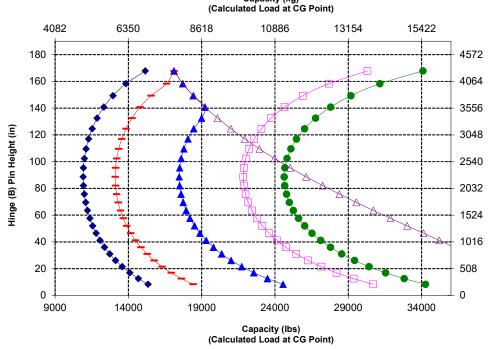
NOTE: Static tipping loads and NOTE: Static upping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, 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



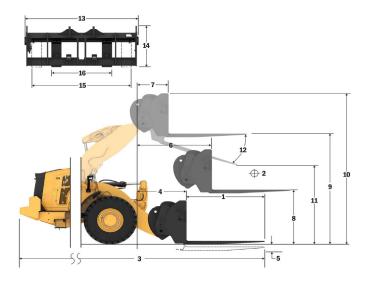
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork	Spe	cifica	ations
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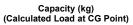
	ik opecifications		
1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10638
		lbs kg	23445 9428
	Static Tipping Load - Articulated (Forks Level)	lbs	20779
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4714
	Nated Edad (OAE 31131 - 30 // 1101E)	lbs	10390
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5657 12468
		kq	6825
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15041
3	Maximum Overall Length	mm	9815
_	Waximum Overali Eengin	in	386.4
4	Reach with Forks at Ground Level	mm in	1106 43.6
		mm	-149
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-5.9
6	Reach with Arms Horizontal and Forks Level	mm	1687
•	Reach with Airis Honzontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	819
		in mm	32.3 1883
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	74.1
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3966
<u> </u>	Ground to Top of Time at Maximum Height and Fork Level	in	156.1
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4741 186.7
44	Classes at Full Lift and May Duran	mm	2461
11	Clearance at Full Lift and Max Dump	in	96.9
12	Max Discharge Angle from Horizontal	deg	43
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
10	Outside Title Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
	· , ,	in mm	18.5 150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
	THE THEORIES	in	2.6
	Tine Capacity	kg Ibs	5246 11562
		kq	21106
	Operating Weight	lbs	46517

966 GC S5 87" Carriage 72" Tine 530-1861 Pallet Fork, FUSION 530-1869



Hinge (B) Pin Height (mm)

*Negative values indicate below grade





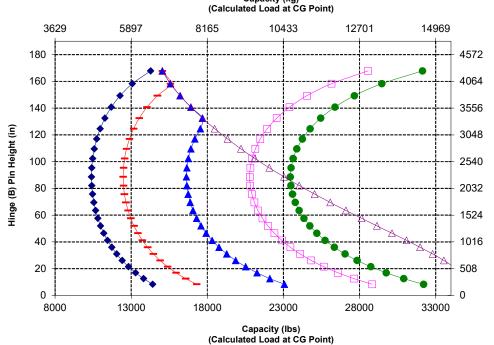
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CEN EN 474-3: 60% of full turn static tipping load on rough terrain or

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

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



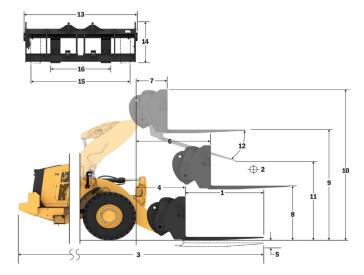
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

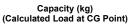
	ik opecifications		
1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
-	Edda Goritor	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	11492 25329
	Chahia Timming Land Additional And Cardia Lavial	kg	10164
	Static Tipping Load - Articulated (Forks Level)	lbs	22402
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5082
		lbs	11201 6098
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	13441
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8131
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% F151L)	lbs	17921
3	Maximum Overall Length	mm	9155
_		in mm	360.4 1057
4	Reach with Forks at Ground Level	in	41.6
_	*O	mm	-70
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.8
6	Reach with Arms Horizontal and Forks Level	mm	1678
_	Trouble Mary and Tonizonial and Tonio 2010	in	66.1 811
7	Reach with Fork at Maximum Height	mm in	31.9
_	Owner of the Toronto Transaction of	mm	1987
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	78.2
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4070
_		in	160.2 5110
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	201.2
11	Clearance at Full Lift and Max Dump	mm	2837
	Olearance at 1 an Ent and Max Bump	in	111.7
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm in	2528 99.5
44	Overall Carriage Height	mm	1130
14	Overall Carnage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
		in mm	85.7 576
16	Outside Tine Width (min spread)	in	22.7
	Tipe Width (single tipe)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg Ibs	22200 48929
	On a makin at Mariadak	kg	21368
	Operating Weight	lbs	47094

 966 GC S5
 96" Carriage
 48" Tine

 Pallet Fork, FUSION
 520-7957
 520-7985



*Negative values indicate below grade



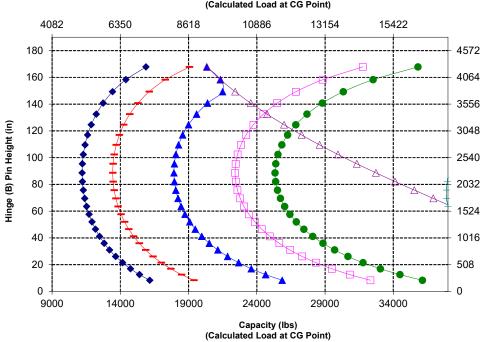


NOTE: Static tipping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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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 hydraulic limit.

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Standardization

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

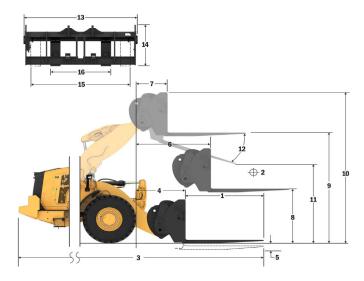
Fork Specifications

Fork	Spe	cifica	ations
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Load Center		ik opecifications		
2 Load Center mm 762	1	Tine Length		1524
Static Tipping Load - Straight (Forks Level) In 30.0 Static Tipping Load - Articulated (Forks Level) In 24037 Static Tipping Load - Articulated (Forks Level) In 24037 Rated Load (SAE J1197 - 50% FTSTL) In In 1802 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) In In 1802 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) In In 1802 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) In In 1802 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) In In 1802 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) In In 1809 Reach with Forks at Ground Level In 372.4 Reach with Forks at Ground Level In 1802 Reach with Forks at Ground Level In 66.1 Reach with Arms Horizontal and Forks Level In 66.1 Reach with Fork at Maximum Height In 31.9 Reach with Fork at Maximum Height and Fork Level In 78.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2 Ground to Top of Tine at Maximum Height and Fork Level In 180.2	2	Load Center		
Static Tipping Load - Straight (Forks Level) Ibs 2403; 9638 185 21241 Rated Load (SAE J1197 - 50% FTSTL) Kg 4819 180621 18062		Load Center		
Static Tipping Load - Articulated (Forks Level) lbs 21241 Rated Load (SAE J1197 - 50% FTSTL) kg 4819 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 5783 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 7770 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 77710 Ibs 16993 3 Maximum Overall Length mm 9460 4 Reach with Forks at Ground Level mm 1057 5 *Ground to Bottom of Tine at Minimum Height and Fork Level in -2.8 6 Reach with Arms Horizontal and Forks Level in 66.1 7 Reach with Fork at Maximum Height in 31.9 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 78.2 9 Ground to Top of Tine at Maximum Height and Fork Level in 78.2 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 201.2 11 Clearance at Full Lift and Max Dump in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2508 10 14 Overall Carriage Height in 35.7 15 Outside Tine Width (max spread) in 58.7 16 Outside Tine Width (min spread) in 57.0 17 Tine Width (single tine) mm 57.0 18 Tine Capacity kg 77800 77800 19 Outside Tine Width (min spread) mm 57.0 10 Tine Thickness mm 90.0 11 Tine Thickness Tine Capacity kg 77800 12 Tine Capacity Kg 77800 18 Ground to Top of Tine at Maximum Height and Fork Level mm 180.0 19 Outside Tine Width (min spread) mm 57.0 10 Outside Tine Width (min spread) mm 57.0 10 Outside Tine Width (min spread) mm 57.0 11 Tine Thickness mm 90.0 12 Tine Capacity Kg 77800 17 Tine Thickness mm 90.0 18 Outside Tine Width (min spread) mm 57.0 19 Outside Tine Width (min spread) mm 57.0 10 Outside Tine Width (min spread) mm 57.0 10 Outside Tine Width (min spread) mm 57.0 11 Outside Tine Width (min spread) mm 57.0 12 Outside Tine Width (min sprea		Static Tipping Load - Straight (Forks Level)		
Rated Load (SAE J1197 - 50% FTSTL) Ibs 2124 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 474-4 Firm and Level G		Ctatic Timeing Lond Anticulated (Forder Lovel)		9638
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 10621 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rough S783 Ibs I		Static Tipping Load - Articulated (Forks Level)	lbs	21241
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL) Ibs 12744 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 6993 3 Maximum Overall Length mm 9460 4 Reach with Forks at Ground Level mm 1057 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm -70 6 Reach with Arms Horizontal and Forks Level mm 1678 7 Reach with Fork at Maximum Height mm 811 7 Reach with Fork at Maximum Height mm 1878 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4070 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 11 Clearance at Full Lift and Max Dump mm 2606 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2528 14 Overall Carriage Height mm 130 15 Outside Tine Width (max spread) mm 571 16 Outside Tine Width (min spread) mm 571 Tine Width (single tine) mm 180.0 Tine Capacity Kg 17800		<u> </u>		
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rg 7710 16993 16993 18		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		12745
3 Maximum Overall Length mm 9460 in 372.4 4 Reach with Forks at Ground Level mm 1057 in 41.6 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm 67.0 in -2.8 6 Reach with Arms Horizontal and Forks Level mm 811 66.1 7 Reach with Fork at Maximum Height mm 811 in 31.9 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 1980 9 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 1980 1990		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% ETSTL)	kg	7710
Maximum Overall Length In 372.4		Nated Load (OEIV EIV 474-5 Film and Level Glound - 00 70 F1 G1E)		16993
4 Reach with Forks at Ground Level mm d 1057 (1 d 1.6) 1 d 1.6 mm responsibility 5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm - 70 mm responsibility responsibility 6 Reach with Arms Horizontal and Forks Level mm responsibility responsibility 7 Reach with Fork at Maximum Height mm 1987 mm 1980	3	Maximum Overall Length		
4	_	B 1 31 5 1 4 0 11 1		
5 Ground to Bottom of Tine at Minimum Height and Fork Level in -28 6 Reach with Arms Horizontal and Forks Level mm 1678 7 Reach with Fork at Maximum Height mm 811 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 9 Ground to Top of Tine at Maximum Height and Fork Level in 4070 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 11 Clearance at Full Lift and Max Dump mm 260 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Height fin mm 2528 14 Overall Carriage Height mm 133 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 Tine Width (single tine) mm 180 Tine Thickness mm 90.0 Tine Capacity kg 1780	4	Reach with Forks at Ground Level		
1	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		
Reach with Fork at Maximum Height mm 811 ns 31.9		Cround to Bottom or Time at William Trought and Tork Edvor		
7 Reach with Fork at Maximum Height mm st 11 in 31.9 8 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 78.2 mm 4070 in 160.2 9 Ground to Top of Tine at Maximum Height and Fork Level in 8160.2 mm 5110 in 201.2 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 in 201.2 11 Clearance at Full Lift and Max Dump mm 2606 in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1130 in 44.5 15 Outside Tine Width (max spread) mm 2178 in 85.7 16 Outside Tine Width (min spread) in 85.7 Tine Width (single tine) mm 576 in 7.1 Tine Thickness in 90.0 in 3.5 Tine Capacity Kg	6	Reach with Arms Horizontal and Forks Level		
8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 1	_	D		
9 Ground to Top of Tine with Arms Horzontal and Fork Level in 78.2 9 Ground to Top of Tine at Maximum Height and Fork Level in 40.70 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 11 Clearance at Full Lift and Max Dump mm 2606 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height in 44.5 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 Tine Width (single tine) mm 180.0 Tine Thickness mm 90.5 Tine Capacity Kg 17800	′	Reach with Fork at Maximum Height	in	31.9
9 Ground to Top of Tine at Maximum Height and Fork Level in 4070 in 160.2 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 201.2 11 Clearance at Full Lift and Max Dump in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width in 2528 in 44.5 14 Overall Carriage Height in 44.5 15 Outside Tine Width (max spread) in 85.7 16 Outside Tine Width (min spread) in 22.7 Tine Width (single tine) in 7.1 Tine Thickness in 3.5 Tine Capacity 4070	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
160 17 17 17 17 17 17 17 1		<u> </u>		
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm bit 201.2 mm 201.2 mm 201.2 11 Clearance at Full Lift and Max Dump mm 2606 in 202.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1130 in 85.7 15 Outside Tine Width (max spread) mm 2178 in 85.7 16 Outside Tine Width (min spread) mm 576 in 22.7 Tine Width (single tine) mm 180.0 in 7.1 in 7	9	Ground to Top of Tine at Maximum Height and Fork Level		
11 Clearance at Full Lift and Max Dump mm 2606 in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1130 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 17 Tine Width (single tine) mm 180.0 17 Tine Thickness mm 90.0 18 Tine Capacity Kg 17800 19 Tine Capacity Kg 17800 10 Tine Thickness	10	Overall Height of Fork at Full Lift (top of carriage to ground)		5110
12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1130 15 Outside Tine Width (max spread) mm 576 16 Outside Tine Width (min spread) mm 576 17 Tine Width (single tine) mm 7.1 18 Tine Thickness mm 90.0 19 Tine Capacity Kg 17800		Overall fleight of Fork at Full Lift (top of carriage to ground)		
12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2528 14 Overall Carriage Height mm 130 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 Tine Width (single tine) mm 180,0 Tine Thickness mm 90,0 Tine Capacity kg 1780	11	Clearance at Full Lift and Max Dump		
13 Overall Carriage Width mm 2528 in 99.5 14 Overall Carriage Height mm 1130 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 17 Tine Width (single tine) mm 180.0 18 Tine Thickness mm 90.5 19 Tine Capacity kg 17800	40	May Dischaus Anala from Harimontal		
13 Overall Carriage Width 99.5 14 Overall Carriage Height mm 1130 1	12	Max Discharge Angle Ironi Horizoniai		
14 Overall Carriage Height mm 113 44.5 15 Outside Tine Width (max spread) mm 2178 16 Outside Tine Width (min spread) mm 576 Tine Width (single tine) mm 180.0 Tine Thickness mm 90.0 Tine Capacity kg 1780	13	Overall Carriage Width		
14 Overall Carnage Reight 16 44.5 17 18 17 18 17 18 17 18 18				
16 Outside Tine Width (min spread) in s5.7 mm s76 in 22.7 Tine Width (single tine) mm f. 7.1 mm spread) Tine Thickness mm g. 90.0 mm s0.5 mm	14	Overall Carriage Height		
16 Outside Tine Width (min spread) mm 576 in 22.7 mm Tine Width (single tine) mm 90.0 mm Tine Thickness mm 90.0 mm Tine Capacity kg 17800	15	Outside Tine Width (max spread)		
Tine Width (single tine) nm 22.7		Outside Title Width (Max Spread)		
Tine Width (single tine) mm 180.0 17.1 17	16	Outside Tine Width (min spread)		
Tine Thickness in 3.5 Tine Capacity kg 17800		Tine \Middle (single dine)		180.0
Tine Capacity in 3.5 Tine Capacity kg 17800		rine widin (single line)		7.1
Tine Canacity kg 17800		Tine Thickness		
		Tine Capacity	kg lbs	39231
ka 21424		Operating Weight		21434
		Operating weight		47240

 966 GC S5
 96" Carriage
 60" Tine

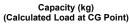
 Pallet Fork, FUSION
 520-7957
 520-7980



Hinge (B) Pin Height (mm)

*Negative values indicate below grade

- Payload (CEN EN 474-3 - Rough Terrain





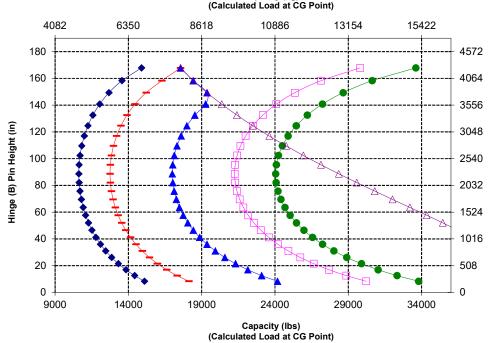
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, 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





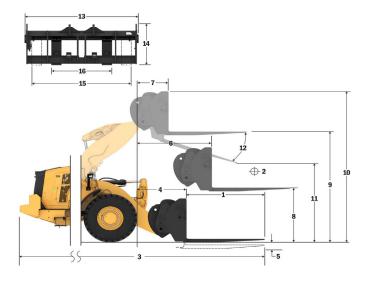
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

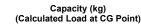
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
_		in	36.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	10368 22851
	Otalia Timping Land Additional to definite Land	kg	9155
	Static Tipping Load - Articulated (Forks Level)	lbs	20178
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4577
	114104 2044 (0712 01101 00701 1012)	lbs	10089 5493
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	12107
	D. 4. 41 - 4 (OEN EN 474 O Element 11 - 41 October 1 000/ FT071)	kg	6981
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15387
3	Maximum Overall Length	mm	9765
_	maximum o refair Length	in	384.4
4	Reach with Forks at Ground Level	mm in	1057 41.6
_		mm	-70
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.8
6	Reach with Arms Horizontal and Forks Level	mm	1678
•	Treach with Annis Honzontal and Forks Level	in	66.1
7	Reach with Fork at Maximum Height	mm	811
		in mm	31.9 1987
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	78.2
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4070
9	Ground to Top of Title at Maximum Height and Fork Level	in	160.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5110
		in	201.2
11	Clearance at Full Lift and Max Dump	mm in	93.5
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	Overall Carriage Wilder	in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
10	Outside Tille Width (Hill Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	in	3.5
	Tine Consider	kg	14800
	Tine Capacity	lbs	32619
	Operating Weight	kg	21495
		lbs	47374

 966 GC S5
 96" Carriage
 72" Tine

 Pallet Fork, FUSION
 520-7957
 520-7979



*Negative values indicate below grade





NOTE: Static tipping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

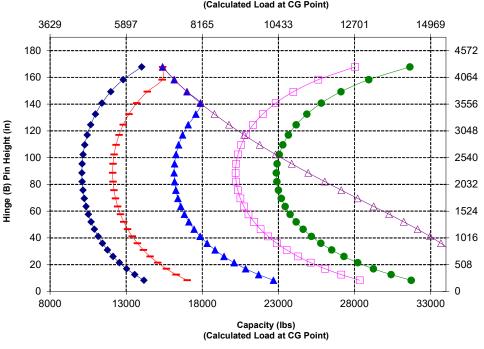
Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, CEN** EN 474-3.

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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 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.

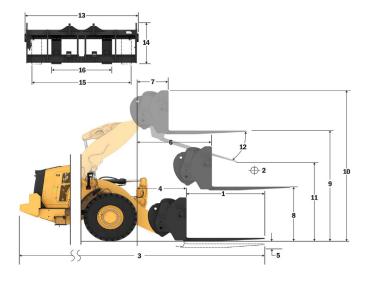
Fork Specifications

Fork	Spe	cifica	ations
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	ik Specifications		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	9868
		kq	21750 8706
	Static Tipping Load - Articulated (Forks Level)	lbs	19187
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4353
	Nated Load (GAL 91197 - 30701 101L)	lbs	9594
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5223 11512
	B + + + + (05N 5N 474 0 5)	kg	6188
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13637
3	Maximum Overall Length	mm	10070
_	- Maximum o vorain 2011gan	in	396.4
4	Reach with Forks at Ground Level	mm in	1057 41.6
_	***	mm	-70
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.8
6	Reach with Arms Horizontal and Forks Level	mm	1678
_	Trodon Will 7 timo Honzontal and Fonto Ecver	in	66.1
7	Reach with Fork at Maximum Height	mm in	811 31.9
_	Once de Transfer de La d	mm	1987
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	78.2
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4070
_	Ordana to rep or rino at maximum riolgitt and riolt zoro.	in	160.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5110 201.2
11	Clearance at Full Lift and Max Dump	mm	2145
• •	Clearance at 1 un Lint and wax Dump	in	84.5
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm in	2528 99.5
	Occupation Helicials	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
	, ,	in	85.7 576
16	Outside Tine Width (min spread)	mm in	22.7
	Tine Width (single tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg Ibs	12700 27991
	Operating Weight	kg	21558
	Operating Weight	lbs	47513

 966 GC S5
 96" Carriage
 84" Tine

 Pallet Fork, FUSION
 520-7957
 520-7986



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



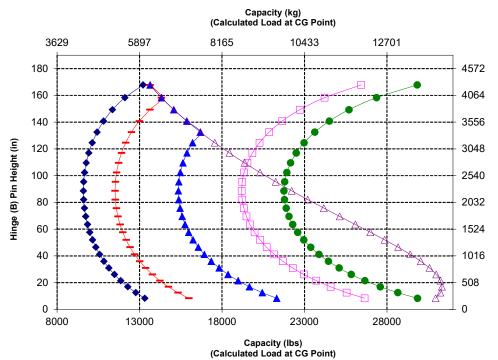
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, 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.

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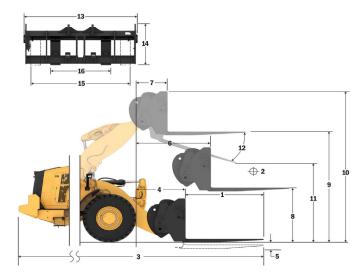


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

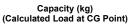
Fork Specifications

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Edd Offici	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	11452 25240
	0.00 70 1.00 1.00 1.00 1.00	kg	10124
	Static Tipping Load - Articulated (Forks Level)	lbs	22312
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5062
	Traited Load (OAL 01107 - 30 // 1101L)	lbs	11156
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6074
	,	lbs kg	13387 8099
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17850
_		mm	9155
3	Maximum Overall Length	in	360.4
4	Reach with Forks at Ground Level	mm	1057
-	Treach with Forks at Glound Level	in	41.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-70
		in	-2.8 1678
6	Reach with Arms Horizontal and Forks Level	mm in	66.1
		mm	811
7	Reach with Fork at Maximum Height	in	31.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1987
۰	Ground to Top of Title with Arms Horizontal and Fork Level	in	78.2
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4070
	<u> </u>	in mm	160.2 5110
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	201.2
	OL	mm	2837
11	Clearance at Full Lift and Max Dump	in	111.7
12	Max Discharge Angle from Horizontal	deg	49
12	Wax Discharge Angle Hom Honzontal		
13	Overall Carriage Width	mm	2833 111.5
	<u> </u>	in mm	1130
14	Overall Carriage Height	in	44.5
45	Outside Tire Width (many arread)	mm	2493
15	Outside Tine Width (max spread)	in	98.1
16	Outside Tine Width (min spread)	mm	590
	Cutolide Title Width (min opicida)	in	23.2
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	in	3.5
	The Accessite	kg	22200
	Tine Capacity	lbs	48929
	Operating Weight	kg	21421
	Operating Weight	lbs	47211

966 GC S5 108" Carriage 48" Tine 520-7968 Pallet Fork, FUSION 520-7985



*Negative values indicate below grade



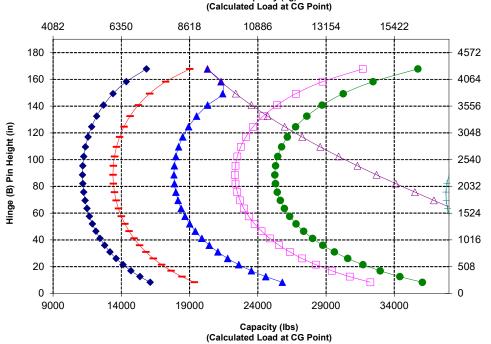


NOTE: Static tipping loads and NOTE: Static upping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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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 hydraulic limit.

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**CEN - European Committee for





Standardization

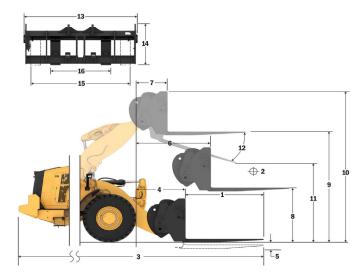
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

Fork	Spe	cifica	ations
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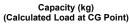
Rated Load (SAE J1197 - 50% FTSTL)		ik opecifications		
2 Load Center mm 762 762 763 762 762 762 763 762 763 762 763	1	Tine Length		
Static Tipping Load - Straight (Forks Level) Is 23959	2	Load Center		
Static Tipping Load - Straight (Forks Level) Dis 23959		Load Center		
Static Tipping Load - Articulated (Forks Level) Rg 9603 21154 Rated Load (SAE J1197 - 50% FTSTL) Rg 4801 1058 2401 1058 2602 126988 12698 12698 12698 12698 12698 12698 12698 12698 12698 12698 12698		Static Tipping Load - Straight (Forks Level)		
Rated Load (SAE J1197 - 50% FTSTL)		Otatic Time in a Local Additional Action of the design of the Control of the Cont		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 10582 12698 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 12698 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 16931 18931 18931 18931 18931 18932		Static Tipping Load - Articulated (Forks Level)	lbs	21164
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		Rated Load (SAF J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 00% FTSTL) Rog 7682 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rog 7682 Rog				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
3 Maximum Overall Length mm 9460 in 372.4 4 Reach with Forks at Ground Level in 41.6 in 41.6 5 Ground to Bottom of Tine at Minimum Height and Fork Level mm 1678 in 68.1 7 Reach with Fork at Maximum Height mm 811 in 31.9 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 in 31.9 9 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 in 78.2 9 Ground to Top of Tine at Maximum Height and Fork Level in 78.2 in 160.2 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 in 201.2 11 Clearance at Full Lift and Max Dump mm 2606 in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width in 111.5 in 141.5 14 Overall Carriage Height mm 2833 in 1130 in 1130 in 1150 15 Outside Tine Width (max spread) mm 590.6 in 7.1 in 7.1 in 7.1 in 7.1 Tine Width (single tine) in 7.1 Tine Thickness mm 90.5 Tine Capacity Kg 17800 Constituted Kg 2483 Constituted Constituted Kg 24		Botad Load (CEN EN 474 2 Firm and Lovel Cround 900/ ETCTL)		
Maximum Overall Length in 372.4		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% F151L)		
Reach with Forks at Ground Level mm 1057 m 41.6 mm 7.0 m 7	3	Maximum Overall Length		
A Reach with Forks at Ground Level in 41.6 1.6 1.7 1.6 1.7 1.7 1.6 1.7	_			
5 *Ground to Bottom of Tine at Minimum Height and Fork Level mm / 28 / 10 / 28 / 10 / 10 / 10 / 10 / 10 / 10 / 10 / 1	4	Reach with Forks at Ground Level		
1	-	*Consumed to Dottom of Time of Minimum Height and Fould avail		
Reach with Fork at Maximum Height nm 811 nm 31.9	Э	"Ground to Bottom of Tine at Minimum Height and Fork Level	in	
Reach with Fork at Maximum Height mm 811 in 31.9	6	Reach with Arms Horizontal and Forks Level		
7 Reach with Fork at Maximum Height in 31,9 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1987 (nr 78.2) 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4070 (nr 160.2) 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 (nr 201.2) 11 Clearance at Full Lift and Max Dump mm 2806 (nr 102.6) 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2833 (nr 111.5) 14 Overall Carriage Height mm 2483 (nr 11.5) 15 Outside Tine Width (max spread) mm 2483 (nr 97.8) 16 Outside Tine Width (min spread) mm 590 (nr 23.2) Tine Width (single tine) mm 180.0 (nr 7.1) Tine Thickness mm 90.0 (nr 7.1) Tine Capacity kg 17800 (nr 8.2) Operation Weight kg 21483				
8 Ground to Top of Tine with Arms Horizontal and Fork Level mm for 78.2 198 9 Ground to Top of Tine at Maximum Height and Fork Level mm dong for 160.2 4070 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 5110 11 Clearance at Full Lift and Max Dump mm 2606 in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 244.3 15 Outside Tine Width (max spread) mm 248.3 16 Outside Tine Width (min spread) mm 590.0 1n 7.1 Tine Width (single tine) in 7.1 Tine Thickness mm 90.0 Tine Capacity kg 17800 Operation Weight kg 21483	7	Reach with Fork at Maximum Height		
Ground to Top of Time with Arms Horizontal and Fork Level in 78.2	_	Once de Transfer de Land		
160 20 20 20 20 20 20 20	8	Ground to Top of Tine with Arms Horizontal and Fork Level		78.2
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5110 in 201.2 11 Clearance at Full Lift and Max Dump mm 2606 in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 1130 in 144.5 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 in 7.1 Tine Thickness mm 90.0 10 3.5 Tine Capacity kg 17800	9	Ground to Top of Tine at Maximum Height and Fork Level		
11 Clearance at Full Lift and Max Dump mm 2606 in 102.6 12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2833 111.5 14 Overall Carriage Height mm 130 in 44.5 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 mm 180.0 16 Tine Thickness mm 90.0 mm 90.0 17 Tine Thickness mm 90.0 mm 3.5 Tine Capacity kg 17800 lbs 39231 mm 180.0 mm 1				
12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2833 14 Overall Carriage Height mm 1130 15 Outside Tine Width (max spread) mm 2483 16 Outside Tine Width (min spread) mm 590 17 Tine Width (single tine) mm 180.0 18 Tine Width (single tine) mm 50.0 19 Tine Thickness mm 90.0 10 Tine Capacity kg 17800 10 Operation Weight kg 21483 10 Operation Weight kg 21483 10 Operation Weight kg 21483 11 Operation Weight kg 21483 12 Operation Weight kg 21483 13 Operation Weight kg 21483 14 Operation Weight kg 21483 15 Operation Weight kg 21483 16 Operation Weight kg 21483 17 Operation Weight kg 21483 18 Operation Weight kg 2	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
12 Max Discharge Angle from Horizontal deg 49 13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 244.5 15 Outside Tine Width (max spread) mm 2483 in 44.5 16 Outside Tine Width (min spread) mm 590 in 23.2 Tine Width (single tine) mm 180.0 in 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 7800 lbs 39231 Operation Weight kg 21483 capacity kg 21483 18 Operation Weight kg 21483 capacity capacit	11	Clearance at Full Lift and Max Dump		
13 Overall Carriage Width mm 2833 in 111.5 14 Overall Carriage Height mm 1130 in 44.5 15 Outside Tine Width (max spread) mm 2483 in 97.8 16 Outside Tine Width (min spread) mm 590 in 23.2 Tine Width (single tine) mm 180.0 in 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 17800 lbs 39231 Operation Weight kg 21483 Capacity kg 21483 Operation Weight kg 21483 capacity kg 21483 Operation Weight kg 21483 capacity capacity kg 21483 capacity kg 21483 capacity capacity kg 21483 capacity capacity	''	Clearance at 1 dil Elit and Max Dunip	in	102.6
11	12	Max Discharge Angle from Horizontal	deg	
14 Overall Carriage Height mm and 44.5 mm 44.5 mm 248.3 mm 248.3 mm 248.3 mm 248.3 mm 59.0 mm 59.0 mm 59.0 mm 59.0 mm 23.2 mm 180.0 mm 180.0 mm 7.1 mm 7.0 mm 90.0 mm 90.0 mm 90.0 mm 3.5 mm 7.1 mm 7.1 mm 7.0 mm 90.0 mm	13	Overall Carriage Width		
15 Outside Tine Width (max spread) mm 2483 in 97.8 2483	44	Overell Comings Height		
16 Outside Tine Width (min spread) n 97.8 7590 nn 23.2 71ne Width (single tine) mm 180.0 7.1 7.1 71ne Thickness mm 90.0 10.3 7.1	14	Overall Carnage Height	in	
16 Outside Tine Width (min spread) mm 590 mm 590 mm 180.0 mm 7.1 mm	15	Outside Tine Width (max spread)		
Tine Width (single tine) mm 180.0 mm 7.1 mm 180.0 mm 7.1 mm 180.0 mm 7.1 mm 180.0 mm 180		, ,		
Tine Width (single tine)	16	Outside Tine Width (min spread)		
Tine Thickness mm 90.0 90.0 10 3.5 17800 18 17800 18 18 18 18 18 18 18		Tipe Width (single tipe)		
Time Unickness in 3.5 Tine Capacity kg 17800 Operation Weight kg 21483		Title Width (Single title)	in	
Tine Capacity kg 17800 lbs 39231		Tine Thickness		
Time Capacity				
Operating Weight kg 21483		Tine Capacity		
		On a makin at NM a i mlak		21483
		Operating weight		47348

966 GC S5 108" Carriage 60" Tine 520-7968 Pallet Fork, FUSION 520-7980



Hinge (B) Pin Height (mm)

*Negative values indicate below grade





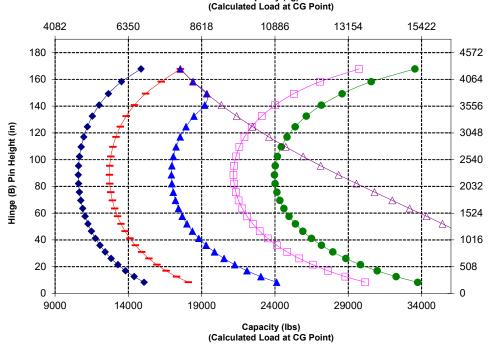
NOTE: Static tipping loads and NOTE: Static upping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, 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

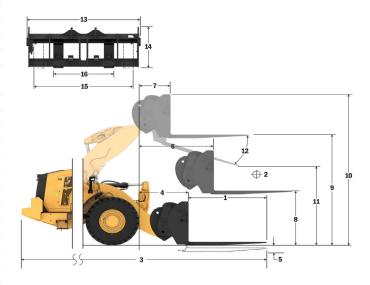


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

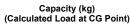
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
	2000 001101	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	10334 22775
	Static Tipping Load Articulated (Forks Loyal)	kg	9120
	Static Tipping Load - Articulated (Forks Level)	lbs	20101
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4560
	,	lbs kg	10051 5472
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12061
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6973
	Nated Load (OLIV LIV 474-51 IIIII and Level Glound - 00701 1012)	lbs	15369
3	Maximum Overall Length	mm in	9765 384.4
	5 1 3 5 1 40 11 1	mm	1057
4	Reach with Forks at Ground Level	in	41.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-70
	Oround to Bottom of Time at Minimum Floight and Fork Edver	in	-2.8
6	Reach with Arms Horizontal and Forks Level	mm in	1678 66.1
_	Desire the Feet at Market and Helicita	mm	811
7	Reach with Fork at Maximum Height	in	31.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1987
	<u>'</u>	in mm	78.2 4070
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5110
	Overall Fleight of Fork at Full Lift (top of carriage to ground)	in	201.2
11	Clearance at Full Lift and Max Dump	mm in	2376 93.5
40	Mar Diaghanna Angla faran Harizantal		
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
		in mm	111.5 1130
14	Overall Carriage Height	in	44.5
1 F	Outside Tine Width (max spread)	mm	2483
15	Outside Tille Width (Hax Spread)	in	97.8
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tipe Width (single tipe)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 14800
	Tine Capacity	kg Ibs	32619
	Operating Weight	kg	21545
	Operating weight	lbs	47484
	*No continuo de la continuo de discontinuo della disco		

966 GC S5 108" Carriage 72" Tine 520-7968 Pallet Fork, FUSION 520-7979



*Negative values indicate below grade

- Payload (CEN EN 474-3 - Rough Terrain





NOTE: Static tipping loads and NOTE: Static upping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

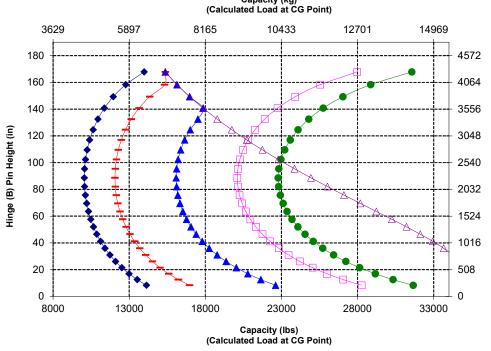
--- Hydraulic Lift Capacity

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, 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.

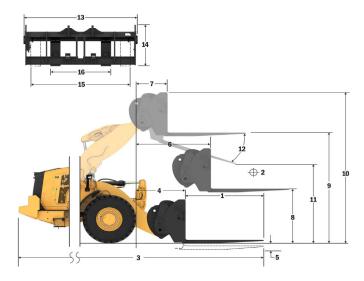
Fork Specifications

Fork	Spe	cifica	ations
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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 Ibs	9836 21679
	Chalia Timping Load Antiquiphed (Forter Lovel)	kg	8673
	Static Tipping Load - Articulated (Forks Level)	lbs	19116
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4337
		lbs kg	9558 5204
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11470
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6181
	Nated Load (OLIV LIV 474-51 IIIII and Level Glound - 00701 101L)	lbs	13623
3	Maximum Overall Length	mm in	10070 396.4
_	Description of Comments and	mm	1057
4	Reach with Forks at Ground Level	in	41.6
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-70
_	Ordana to Bottom of Timo at Imminiant Tongitt and Tont 2010.	in mm	-2.8 1678
6	Reach with Arms Horizontal and Forks Level	in	66.1
7	Desch with Fork at Marianous Height	mm	811
	Reach with Fork at Maximum Height	in	31.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1987
_	·	in mm	78.2 4070
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.2
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5110
	Overall Fleight of Fork at Full Lift (top of carriage to ground)	in	201.2
11	Clearance at Full Lift and Max Dump	mm in	2145 84.5
12	Max Discharge Angle from Horizontal	deg	49
	Overall Carriage Width	mm	2833
13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
	- · · · - · · · · · · · · · · · · · · ·	in mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	Outside Time Width (mini-spieda)	in	23.2
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in kg	3.5 12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	21607
	Operating Weight	lbs	47621

 966 GC S5
 108" Carriage
 84" Tine

 Pallet Fork, FUSION
 520-7968
 520-7986



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



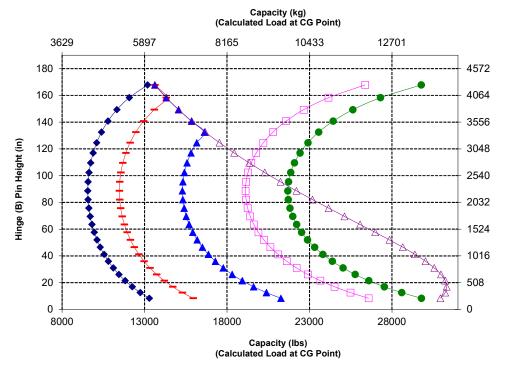
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, 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

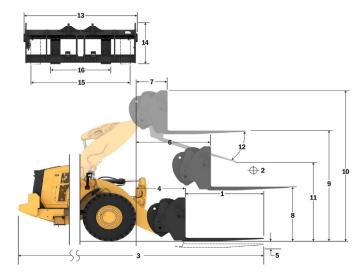


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Fork Specifications

 966 GC S5
 108" Carriage
 96" Tine

 Pallet Fork, FUSION
 520-7968
 520-7981



*Negative values indicate below grade



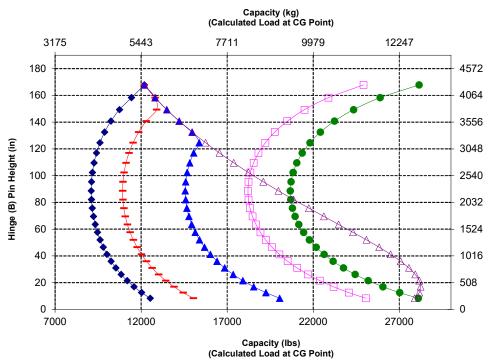
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Maxam MS302 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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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 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.

Material Handling Arm Specifications

Min Lift - Hook Height (26, 27, 28, 29, 30, 31)

Static Tipping Load, Straight

Static Tipping Load, Articulated

Operating Weight

MHA Specifications Retracted Extension 1 Extension 2 Extension 3 Extension 4 Extended 1,817 1.930 2.043 2.156 2.269 2.382 Max Lift - Hook Reach (1, 2, 3, 4, 5, 6) 5' 11' 6' 3" 6' 8' 7' 0' 7,228 7,511 7,794 8,077 8,360 8,643 Max Lift - Hook Height (7, 8, 9, 10, 11, 12) 23' 8" 25' 6' 26' 5" 27' 5" 28' 4" 4.547 4.852 5,156 5,461 5,766 6,071 Level - Hook Reach (13, 14, 15, 16, 17, 18) 14' 11" 15' 11" 16' 11' 17' 11" 18' 11" 19' 11" 1,947 1,947 1,947 1,947 1,947 1,947 Level - Hook Height (19) 6' 4.6' 6' 4.6" 6' 4.6' 6' 4.6" 6' 4.6" 6' 4.6" 1,714 1,846 1,977 2,108 2,239 2,371 Min Lift - Hook Reach (20, 21, 22, 23, 24, 25) 7' 9" (2,861)(3, 136)(3,411) (3,686)(3,961) (4,236)

-10' 8"

6,548

14,432

5,803

12,790

20,616

45,438

-11' 9'

6,211

13,690

5,504

12,131

20,616

45,438

-12' 10'

5,907

13,019

5,233

11,534

20.616

45,438

-9' 7'

6,922

15,257

6,136

13,523

20.616

45,438

kg

Fusion Material Handling Arm 6Pos

289-9885

STD

966 GC

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

-12' 0"

5,630

12,408

4,987

10,992

20.616

45,438

-13' 1"

5,377

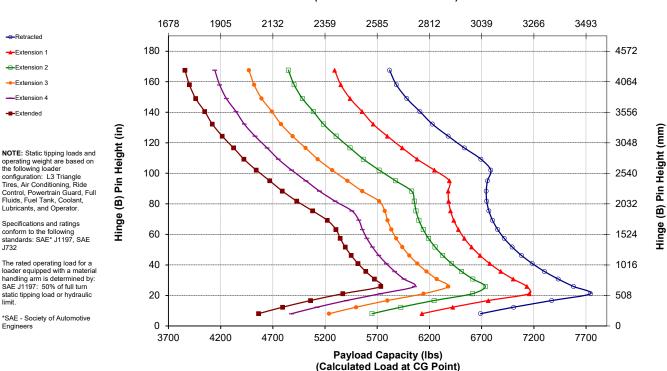
11,851

4,762

10,496

20.616

45,438



Standard and Optional Equipment

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

	Standard	Ontional
OPERATOR ENVIRONMENT	Standard	Optional
Air conditioning (HVAC) with 10 vents	√	
and filter unit located outside of cab	•	
Bucket/work tool function lockout	✓	
Switch, transmission neutralizer lockout	✓	
Cab, pressurized and sound suppressed	✓	
Camera, rearview	✓	
Cat® Payload (kit)		✓
Coat hook	✓	
Computerized monitoring system	✓	
Cup holders and personal tray on right console and behind seat	✓	
Horn	✓	
Mirrors, rearview external with integrated spot mirror	✓	
Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick	✓	
12V power port (10A)	✓	
Radio ready	✓	
Radio		✓
ROPS/FOPS structure	✓	
Seat, Cat Comfort (cloth), mechanical suspension	n ✓	
Seat, air suspended		✓
Steering column, adjustable angle	✓	
Window, sliding (left and right sides)	✓	
Wipers/washers (front and rear)	✓	
POWER TRAIN		
Axles, Open/Open differentials	✓	
Axles, limited slip differential(s)		✓
Axles, oil cooler		✓
Brakes, full hydraulic enclosed wet-disc	✓	
Cat C9.3B	✓	
Engine Idle Management System (EIMS)	✓	
Auto Idle Shutdown (AIS)	✓	
Fan, radiator, electronically controlled, hydraulically driven, temperature sensing,	✓	
on demand		
Fan, reversing automatic and manual control		√
Filter, fuel primary/secondary/tertiary	√	
Filters, engine air, primary/secondary	√	
Fuel priming pump (electric)	√	
Fuel/water separator	√	
Radiator, unit core (9.5 fpi) with ATAAC	✓	
Torque converter	✓	
Transmission, powershift (4F/4R), automatic (2-4) with kick-down function, overspeed protection	✓	
LINKAGE		
Fusion™ quick coupler control with dual kick outs		<i></i>
Lift and bucket return-to-dig kickouts (electro-magnetic), mechanical adjustment	<u>√</u>	•
Telectro-magnetic), mechanical aujustment		

Z-bar, cast tilt lever

NAME OF THE OWNER	Standard	Optional
YDRAULICS		
Dedicated brake and fan pump	√	
Dedicated load sensing steering pump	√	
Load sensing implement system pilot operated	✓	
Quick coupler control		√
Ride control		· ·
S O·S SM oil sampling valves 3 rd function with additional dedicated	√	
single axis lever		•
LECTRICAL		
Alarm, back-up variable/main disconnect switch	√	
Alternator (145-amp, brush type)		
Batteries, maintenance free (2×1,125 CCA)	<u> </u>	
Ignition key; start/stop	<u> </u>	
Lighting system: 4 halogen work lights,		
cab mounted		
Lighting system: 8 halogen work lights,		✓
cab mounted		
Lighting system: 4 LED work lights, cab mounted		✓
Lighting system: 8 LED work lights, cab mounted		✓
Lights: warning beacon		✓
Roading lights with high/low beam	✓	
and F and R turn signals		
Starter, electric (heavy duty)	✓	
Starting and charging system, 24V	✓	
DDITIONAL EQUIPMENT		
Autolube system		✓
Camera, front view (kit)**		✓
Cold weather starting basic (ether starting aid)		✓
Cold weather starting full		✓
(HD batteries 2×1,400 CCA, ether system, jacket water heater, cold weather fluids)		
Counterweight, 605 kg (1,334 lb)	√	
Fenders (front) steel		
Fender rear extensions or roading	<u> </u>	
Grill, airborne debris		
Hitch, drawbar with pin	<u> </u>	
Hood, metallic on steel structure	√	
Doors, service access (locking)	√	
L3 radial or bias ply tires	√	
L5 traction tires		✓
Power train guard		✓
Precleaner, strata tubes	√	
Precleaner, strata tubes with screen		✓
Product Link™ ready	✓	
Reverse Stobe (kit)***		✓
Roading Certification****		✓
Secondary steering system, electrical*		✓
Toolbox		✓
Window cleaning (kit)		✓
Windshield guard		✓
* Standard where mandated.		

^{*} Standard where mandated.

^{**} Refer to M0106413 publication for usage reqiurements.

^{***} Not compatible with roading arrangements.

^{****} Offering depends on region.

966 GC 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

- The Cat[®] C9.3B engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Tier 5, China Nonroad Stage IV and Japan 2014 (Tier 4 Final) emission standards.
- 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 (hydrogenated 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 1.7 kg (3.7 lb) of refrigerant which has a CO2 equivalent of 2.431 metric tonnes (2.679 tons).

Paint

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

Sound Performance

With cooling fan speed at maximum value:

Operator Sound Pressure Level (ISO 6396:2008) – 75 dB(A)

Exterior Sound Power Level (ISO 6395:2008) – 110 dB(A)

Exterior Sound Power Level (SAE J88:2013) – 78 dB (A)

With cooling fan speed at 70% of maximum value*:

Operator Sound Pressure Level (ISO 6396:2008) – 73 dB(A)

Exterior Sound Power Level (ISO 6395:2008) - 108 dB(A)**

- * For machines in European Union countries and in countries that adopt the "EU Directives."
- ** European Union Directive "2000/14/EC" as amended by "2005/88/EC."
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/ windows open) for extended periods or in a noisy environment.

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.
- Engine Idle Management System and Auto Engine Idle Shutdown reduces idle RPM and maximize fuel efficiency
- Variable speed fan adjusts to meet machine cooling requirements to help save fuel
- Load sensing hydraulics produce flow and pressure on-demand and only in amounts necessary to perform the needed functions



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

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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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