

966 GC Wheel Loader

Technical Specifications

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

Specifications		
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Engine		
Engine Model	Cat® C9.3B	
Engine Power @ 2,200 rpm	219 kW	294 hp
ISO 14396:2002		
ISO 14396:2002 (DIN)	298 hp (met	ric)
Gross Power @ 2,200 rpm	223 kW	299 hp
SAE J1995:2014		
SAE J1995:2014 (DIN)	303 hp (met	ric)
Net Power @ 2,200 rpm	196 kW	263 hp
ISO 9249:2007, SAE J1349:2011		
SAE J1349:2011 (DIN)	266 hp (met	ric)
Engine Torque (1,200 rpm)	1779 N·m	1,312 lbf-ft
ISO 14396:2002		
Gross Torque (1,200 rpm)	1797 N·m	1,325 lbf-ft
SAE J1995:2014		
Net Torque (1,100 rpm)	1679 N·m	1,238 lbf-ft
ISO 3294:2007, SAE J1349:2011,		
EEC 80/1269		
Bore	115 mm	4.5 in
Stroke	149 mm	5.9 in
Displacement	9.30 L	568 in ³

- Cat engine meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and muffler.
- Cat engines are compatible with diesel fuel blended with following lower-carbon intensity fuels up to:
 - 100% biodiesel FAME (fatty acid methyl ester)*
 - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

* For use of blends higher than 20% biodiesel, consult your Cat dealer.

Weights		
Operating Weight	21 577 kg	47,569 lb

• Operating weight and static tipping loads shown are based on a machine configuration with standard ambient cooling, open differentials axles, Triangle 26.5R25 L3 ** TB516 tires, standard counterweight, full fluids, operator and 4.0 m³ (5.25 yd³) general purpose bucket with BOCE.

Operating Specifications		
Static Tipping Load – Full 38° Turn		
With Tire Deflection	13 594 kg	29,970 lb
No Tire Deflection	14 568 kg	32,117 lb
Breakout Force	164 kN	36,869 lbf

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

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	13.2 km/h	8.2 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
Cooling System	53 L	14.0 gal
Crankcase	25 L	6.6 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	120 L	31.7 gal

Bucket Capacities		
Bucket Range	3.2-7.1 m ³	4.25-9.25 yd ³

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		
Steering System Pump Type	Piston	
Implement System		
Maximum Pump Output at 2,275 rpm	320 L/min	85 gal/min
Maximum Operating Pressure at 50 L/min (13.2 gal/min)	27 900 kPa	4,047 psi
Optional 3rd Function Maximum Pressure at 20 L/min (5.3 gal/min)	23 500 kPa	3,408 psi
Optional 3rd Function Maximum Flow	320 L/min	85 gal/min
Hydraulic Cycle Time		
Raise from Carry Position	6.5 Seconds	
Dump at Maximum Raise	2.7 Seconds	
Lower, Empty, Float Down	2.8 Seconds	
Total Cycle Time	12.0 Seconds	3

Ti	res	*

Choices include:

Triangle 26.5-25 20PR L3 (TL612)

Triangle 26.5R25 ★★ L3 (TB516)

Maxam 26.5R25 ★★ L3 (MS302)

Bridgestone 26.5R25 ★ L3 (VJT)

Maxam 26.5R25 ★★ L5 (MS503)

Bridgestone 26.5R25 ★ L5 (VSDT)

Triangle 26.5R25 ★★ L5 (TL538S+)

Sound	
Operator Sound Pressure Level (ISO 6396:2008)	73 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	110 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)	73 dB(A)*
Exterior Sound Power Level (ISO 6395:2008)	108 dB(A)**

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

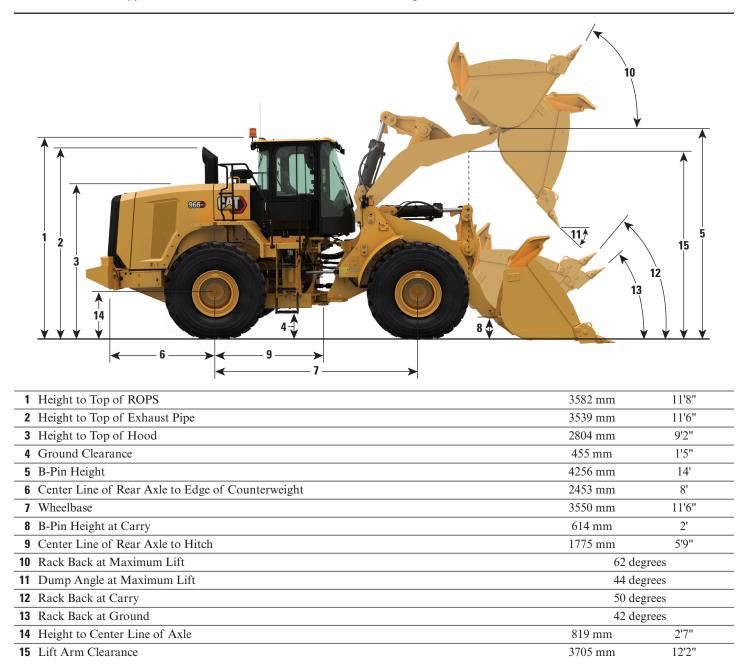
^{**}EU Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701.

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.



Turning Radius

All dimensions are approximate and based on tire 26.5R25 \star \star L3 TB516 Triangle tires.

Turning Radius to Outside of Tires	6675 mm	21'11"	
Turning Radius to Inside of Tires	3728 mm	12'3"	
Width Over Tires – Loaded	3154 mm	10'4"	
Width Over Tires – Unloaded	2873 mm	10'3"	
Turning Radius to Outside Edge of Counterweight	6693 mm	22'0"	

Tire Options*

Tire Brand	Maxam	Bridgestone	Maxam	Triangle	Bridgestone	Triangle
Tire Size	26.5R25	26.5R25	26.5R25	26.5R25	23.5R25	26.5-25
Tread Type	L3	L3	L5	L5	L5	L3
Tread Pattern	MS302	VJT	MS503	TL538S+	VSDT	TL612
Width over Tires – Maximum (unloaded)**	2966 mm	2966 mm	2955 mm	2948 mm	2973 mm	2936 mm
	9'7"	9'7"	9'7"	9'7"	9'8"	9'6"
Width over Tires – Maximum (loaded)**	3006 mm	3010 mm	3000 mm	2970 mm	2999 mm	2963 mm
	9'9"	9'9"	9'8"	9'7"	9'8"	9'7"
Change in Vertical Dimensions (average of front and rear)	7 mm	−4 mm	35 mm	13 mm	28 mm	82 mm
	0.28"	−0.16"	1.37"	0.51"	1.10"	3.23"
Change in Horizontal Reach	-2.0 mm	6.5 mm	-22.0 mm	-29.0 mm	-12.5 mm	0 mm
	-0.08"	0.26"	-0.87"	-1.14"	-0.49"	0"
Change in Clearance Circle to Outside of Tires	−74.0 mm	−72.0 mm	-77.0 mm	-92.0 mm	-77.5 mm	−95.5 mm
	−2.91"	−2.83"	-3.03"	-3.62"	-3.05"	−3.76"
Change in Clearance Circle to Inside of Tires	74.0 mm	72.0 mm	77.0 mm	92.0 mm	77.5 mm	95.5 mm
	2.91"	2.83"	3.03"	3.62"	3.05"	3.76"
Change in Operating Weight (without Ballast)	−64 kg	−180 kg	652 kg	656 kg	764 kg	–448 mm
	−141 lb	−397 lb	1,437 lb	1,446 lb	1,684 lb	–988 lb

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

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

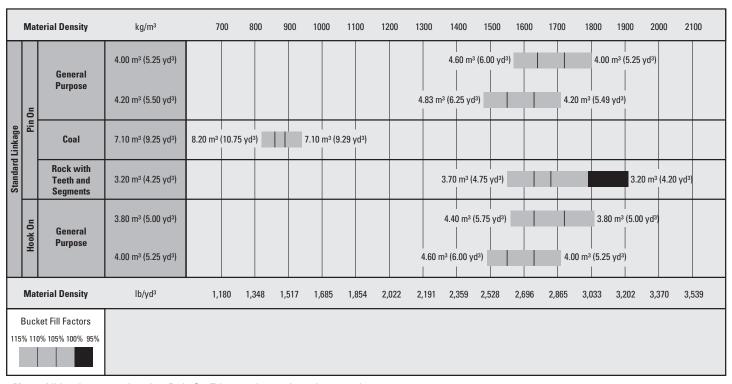
Bucket Fill Factors and Selection Chart

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		Material Density	Fill Factor (%)*
Earth/Clay		1500-1700 kg/m³ (2,528-2,865 lb/yd³)	115
Sand and Gravel		1500-1700 kg/m³ (2,528-2,865 lb/yd³)	115
Aggregate:	25-76 mm (1 to 3 in)	1600-1700 kg/m³ (2,696-2,865 lb/yd³)	110
	19 mm (0.75 in) and smaller	1800 kg/m³ (3,033 lb/yd³)	105
Rock:	76 mm (3 in) and larger	1600 kg/m³ (2,696 lb/yd³)	100

^{*}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 unless otherwise noted.

Operating Specifications – Buckets

Bucket Type			General Purpose – Pin On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	
Capacity – Rated	m^3	4.0	4.0	3.9	4.2	4.2	4.1	
	yd^3	5.25	5.25	5.25	5.5	5.5	5.5	
Capacity – 110% Rated	m^3	4.40	4.4	4.3	4.6	4.6	4.5	
	yd³	5.8	5.8	4.6	6.0	6.0	5.9	
Width	mm	3220	3271	3271	3220	3271	3271	
	ft/in	10'6"	10'7"	10'7"	10'6"	10'7"	10'7"	
Dump Clearance at Maximum Lift and 45° Discharge	mm	3064.3	2912	2912	3035	2882	2882	
	ft/in	10'1"	9'6"	9'6"	9'10"	9'5"	9'5"	
Reach at Maximum Lift and 45° Discharge	mm	1302.0	1441	1441	1325	1463	1463	
	ft/in	4'3"	4'7"	4'7"	4'3"	4'8"	4'8"	
Reach at Level Lift Arm and Bucket Level	mm	2725.1	2930	2930	2763	2968	2968	
	ft/in	8'9"	9'6"	9'6"	9'1"	9'7"	9'7"	
Digging Depth	mm	105	105	75	105	105	75	
	in	4.13"	4.13"	3.0"	4.13"	4.13"	3.0"	
Overall Length	mm	8937	9163	9163	8975	9201	9201	
	ft/in	29'3"	30'1"	30'1"	29'4"	30'2"	30'2"	
Overall Height with Bucket at Maximum Lift	mm	5849	5849	5849	5888	5888	5888	
	ft/in	19'2"	19'2"	19'2"	19'3"	19'3"	19'3"	
Loader Clearance Circle with Bucket at Carry Position	mm	15 001	15 174	15 174	15 021	15 194	15 194	
	ft/in	49'2"	49'8"	49'8"	49'3"	49'8"	49'8"	
Static Tipping Load, Straight (With Tire Deflection)*	kg	15 472	15 289	15 494	15 405	15 221	15 419	
	1b	34,110	33,706	34,158	33,962	33,557	33,993	
Static Tipping Load, Straight (No Tire Deflection)*	kg	16 442	16 256	16 462	16 380	16 193	16 391	
	1b	36,248	35,838	36,292	36,112	35,699	36,136	
Static Tipping Load, Articulated (With Tire Deflection)*	kg	13 593	13 410	13 604	13 529	13 345	13 531	
	1b	29,967	29,564	29,992	29,826	29,421	29,831	
Static Tipping Load, Articulated (No Tire Deflection)*	kg	14 568	14 382	14 576	14 508	14 321	14 507	
	1b	32,117	31,707	32,135	31,985	31,572	31,982	
Breakout Force	kN	164	163	175	159	158	169	
	1bf	36,869	36,644	39,342	35,745	35,520	37,993	
Operating Weight*	kg	21 577	21 715	21 552	21 618	21 756	21 593	
	1b	47,569	47,873	47,514	47,660	47,964	47,604	
					1			

^{*}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.

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

Operating Specifications – Buckets (continued)

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	3.8	3.8	3.6	4.0	4.0	3.8
	yd^3	5.0	5.0	4.75	5.25	5.25	5.0
Capacity – 110% Rated	m^3	4.2	4.2	4	4.4	4.4	4.2
	yd^3	5.5	5.5	5.2	5.8	5.8	5.5
Width	mm	3220	3271	3271	3201	3201	3201
	ft/in	10'6"	10'7"	10'7"	10'5"	10'5"	10'5"
Dump Clearance at Maximum Lift and 45° Discharge	mm	3059	2907	2907	3046	2891	2891
	ft/in	10'	9'5"	9'5"	10'	9'5"	9'5"
Reach at Maximum Lift and 45° Discharge	mm	1318	1458	1458	1321	1463	1463
	ft/in	4'3"	4'8"	4'8"	4'3"	4'8"	4'8"
Reach at Level Lift Arm and Bucket Level	mm	2740	2945	2945	2751	2959	2959
	ft/in	8'9"	9'7"	9'7"	9'	9'7"	9'7"
Digging Depth	mm	105	105	75	75	75	75
	in	4.1"	4.1"	3"	3"	3"	3"
Overall Length	mm	8952	9177	9177	8967	9196	9196
	ft/in	29'4"	30'1"	30'1"	29'4"	30'2"	30'2"
Overall Height with Bucket at Maximum Lift	mm	5823	5823	5823	5939	5939	5939
	ft/in	19'1"	19'1"	19'1"	19'5"	19'5"	19'5"
Loader Clearance Circle with Bucket at Carry Position	mm	14 985	15 157	15 157	14 976	15 104	15 104
	ft/in	49'2"	49'7"	49'7"	49'1"	49'6"	49'6"
Static Tipping Load, Straight (With Tire Deflection)*	kg	14 810	14 628	14 961	14 761	14 546	14 893
	1b	32,650	32,249	32,983	32,543	32,068	32,833
Static Tipping Load, Straight (No Tire Deflection)*	kg	15 761	15 577	15 922	15 723	15 505	15 866
	1b	34,747	34,341	35,102	34,663	34,182	34,979
Static Tipping Load, Articulated (With Tire Deflection)*	kg	12 951	12 768	13 087	12 902	12 686	13 017
	1b	28,552	28,149	28,852	28,443	27,969	28,698
Static Tipping Load, Articulated (No Tire Deflection)*	kg	13 906	13 722	14 052	13 868	13 650	13 995
	1b	30,657	30,252	30,980	30,573	30,093	30,853
Breakout Force	kN	162	160	172	170	168	170
	lbf	36,419	35,969	38,667	38,218	37,768	38,218
Operating Weight*	kg	22 135	22 273	22 110	22 186	22 348	22 182
	lb	48,799	49,104	48,744	48,912	49,269	48,903

^{*}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.

Hook on bucket data includes a quick coupler.

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

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

Operating Specifications – Buckets (continued)

Bucket Type		Pin On Coal	Pin On Rock
Edge Type		Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m ³	7.1	3.2
	yd^3	9.50	4.25
Capacity – 110% Rated	m ³	7.8	3.5
	yd^3	10.25	4.5
Width	mm	3447	3252
	ft/in	11' 31"	10' 7"
Dump Clearance at Maximum Lift and 45° Discharge	mm	2645.6	3035
	ft/in	8' 7"	9'11"
Reach at Maximum Lift and 45° Discharge	mm	1539.2	1529
_	ft/in	5' 1"	5'
Reach at Level Lift Arm and Bucket Level	mm	3208.3	2914
	ft/in	10' 5"	9'7"
Digging Depth	mm	120.2	65.7
	in	4.73"	2.57"
Overall Length	mm	9432.9	9149
	ft/in	30' 9"	30'
Overall Height with Bucket at Maximum Lift	mm	6090.4	5909
	ft/in	19' 10"	19'5"
Loader Clearance Circle with Bucket at Carry Position	mm	15 453.8	15 149
·	ft/in	50' 8"	48'8"
Static Tipping Load, Straight (With Tire Deflection)*	kg	14 479	15 511
	lb	31,921	34,196
Static Tipping Load, Straight (No Tire Deflection)*	kg	15 485	16 504
	lb	34,139	36,385
Static Tipping Load, Articulated (With Tire Deflection)*	kg	12 628	13 567
	lb	27,840	29,910
Static Tipping Load, Articulated (No Tire Deflection)*	kg	13 638	14 565
/	lb	30,067	32,110
Breakout Force	kN	115.3	174
	lbf	25,920	39,117
Operating Weight*	kg	22 134	22 742
	lb	48,797	50,138

^{*}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.

(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.

Rock buckets are equipped with Triangle TL538S+ tires.

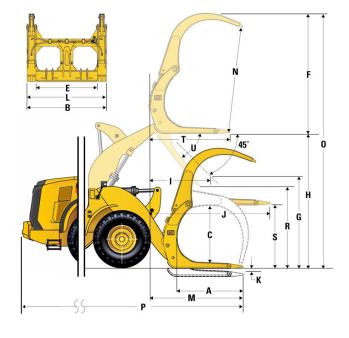
Bucket and work tool offerings vary by region. Consult your local Cat dealer for further details.

Fork Specifications

Logging, Pin-On

For	k Specifications		
Α	Ting I are with	mm	1609
A	Tine Length	in	63.4
В	Fork Width	mm	2498
	TOTAL TITLE	in	98.3
	End Area	m²	1.91
	· · · · ·	ft ²	21
С	Inside Height (only applies to double top clamp)	mm :	1376
		in mm	54 N/A
D	Min. Opening (only applies to millyard forks)	in	N/A
		kg	21 915
	Operating Weight	lb	48,314
		mm	1892
E	Distance Inside of Tine Tips	in	74
	Chakin Timping Lond Agriculated Fould area	kg	9816
	StaticTipping Load, Articulated Fork Level	lb	21,639.3
	StaticTipping Load, Straight Fork Level	kg	11 223
	Static ripping Load, Straight rolk Level	lb	24,743.0
F	Max. Height of Fork (with clamp open if applicable)	mm	2943
		in	115.9
G	Clearance with Full Lift, 45 Degree Dump	mm	2869
	(if max. dump <> 45)	in	112.9
н	Clearance @ Full Lift Fork Level	mm	3991
		in	157.1
- 1	Reach with Full Lift, 45 Degree Dump (if max. dump <> 45)	mm in	1403 55.2
		mm	2954
J	Reach with Lift Arm Horizontal and Fork Level	in	116.3
		mm	-59
K	Digging Depth	in	-2.3
	MC III. O Time	mm	2414
L	Width OverTines	in	95.0
М	Reach @ Ground Level	mm	2250
IVI	headi @ diound Level	in	89
N	Max. Opening Across Tine and Clamp	mm	2542
	Wax. Opening / toross rine and olamp	in	100.1
0	Overall Height of Fork @ Full Lift and Clamp Open	mm	6935
		in	273.0
P	Overall LengthTip ofTine to Rear of Machine	mm :	9128
		in mm	359.4 2872
R	Clearance @ Full Lift and Max. Dump Discharge (if <> 45)	in	113.1
		mm	1907.7
S	Clearance with Horizontal Lift Arms and Fork Level	in	75.1
		mm	2086.8
Т	Reach @ Full Lift and Fork Level	in	82.2
U	Max. Discharge Angle from Horizontal	deg	45
U	wax. Discharge Angle from Horizontal	rad	0.8

63" Tine 398-4960



- → Payload (SAE J1197)
- Payload (CEN EN 474-3 Rough Terrain)
- → Payload (CEN EN 474-3 Firm & Level)
- StaticTipping Load Articulated
- StaticTipping Load Straight
- HydraulicTilt Capacity
- Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: L3 Triangle (TB516) Tires, Air Conditioning, Ride Control, PowerTrain Guard, Full Fluids, FuelTank, 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:

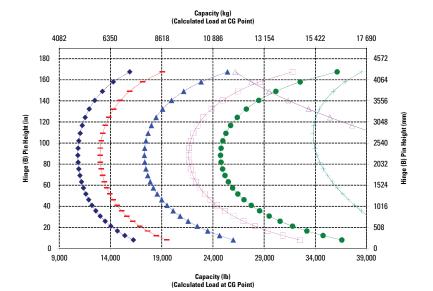
SAE J1197: 50% of full turn static tipping load or hydraulic limit.

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

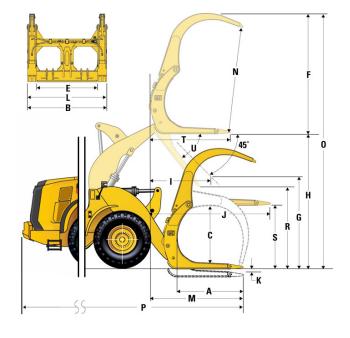


Fork Specifications

Logging, Pin-On

For	k Specifications		
Α	Tine Length	mm	1611
		in	63.4
В	Fork Width	mm :	2500
		in m²	98.4 1.42
	End Area	ft²	15
С	Inside Height (only applies to double top clamp)	mm	1259
	, , , , , , , , , , , , , , , , , , ,	in	50
D	Min. Opening (only applies to millyard forks)	mm in	N/A N/A
	Operating Weight	kg	21880
	Operating Weight	lb	48237
Е	Distance Inside of Tine Tips	mm	1892
		in	74
	StaticTipping Load, Articulated Fork Level	kg	10 289
		lb_	22,683.4 11757
	StaticTipping Load, Straight Fork Level	kg Ib	
		mm	25,919.5 2700
F	Max. Height of Fork (with clamp open if applicable)	in	106.3
	Clearance with Full Lift, 45 Degree Dump	mm	2867
G	(if max. dump <> 45)	in	112.9
	·	mm	3991
Н	Clearance @ Full Lift Fork Level	in	157.1
	D	mm	1404
	Reach with Full Lift, 45 Degree Dump (if max. dump <> 45)	in	55.3
J	Reach with Lift Arm Horizontal and Fork Level	mm	2956
	Headif With Elit Affil Honzontal and Fork Level	in	116.4
K	Digging Depth	mm	-59
	33 3 34	in	-2.3
L	Width OverTines	mm :	2414
		in mm	95.0 2252
M	Reach @ Ground Level	in	89
		mm	2493
N	Max. Opening Across Tine and Clamp	in	98.1
0	Overell Height of Foul & Full Lift and Classe Once	mm	6690
U	Overall Height of Fork @ Full Lift and Clamp Open	in	263.4
Р	Overall Length Tip of Tine to Rear of Machine	mm	9130
	Overall Length rip of time to near of Machine	in	359.5
R	Clearance @ Full Lift and Max. Dump Discharge (if <> 45)	mm	2871
	The state of the s	in	113.0
s	Clearance with Horizontal Lift Arms and Fork Level	mm	1907.5
		in	75.1
Т	Reach @ Full Lift and Fork Level	mm	2088.8 82.2
		in deg	82.2 45
U	Max. Discharge Angle from Horizontal	rad	0.8

63" Tine 472-1174



- → Payload (SAE J1197)
- Payload (CEN EN 474-3 Rough Terrain)
- → Payload (CEN EN 474-3 Firm & Level)
- StaticTipping Load Articulated
- StaticTipping Load Straight
- Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: L3 Triangle (TB516) Tires, Air Conditioning, Ride Control, PowerTrain Guard, Full Fluids, FuelTank, 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

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

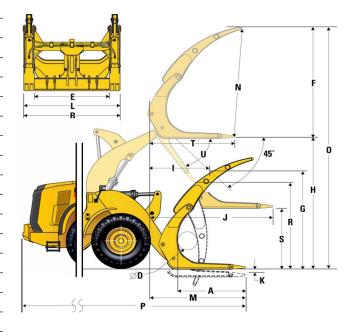
Capacity (kg) (Calculated Load at CG Point) 4082 6350 8618 10 886 13 154 15 422 17 690 180 4572 160 4064 140 3556 120 100 80 60 1524 40 1016 20 508 0 0 9,000 14,000 19,000 24,000 29,000 34,000 39,000 Capacity (lb) (Calculated Load at CG Point)

Fork Specifications

Millyard, FUSION

For	k Specifications		
Α	Tine Length	mm	1609
		in	63.3
В	Fork Width	mm	2324
		in m²	91.5 1.26
	End Area	ft ²	1.26
		mm	N/A
С	Inside Height (only applies to double top clamp)	in	N/A
D	Min. Opening (only applies to millyard forks)	mm	427
	Will. Opening (only applies to miliyard lorks)	in	17
	Operating Weight	kg 	22 672
		lb	49,983
E	Distance Inside of Tine Tips	mm	1780 70
		in kg	9191
	StaticTipping Load, Articulated Fork Level	lb	20,263.6
		kg	10613
	StaticTipping Load, Straight Fork Level	lb	23,397.1
	Mary Hallahard Front Angle alaman and Mary Prophers	mm	2843
F	Max. Height of Fork (with clamp open if applicable)	in	111.9
G	Clearance with Full Lift, 45 Degree Dump	mm	2775
<u> </u>	(if max. dump <> 45)	in	109.2
н	Clearance @ Full Lift Fork Level	mm	3997
		in	157.4
- 1	Reach with Full Lift, 45 Degree Dump (if max. dump <> 45)	mm	1505
		in mm	59.2 3093
J	Reach with Lift Arm Horizontal and Fork Level	in	121.8
		mm	-53
K	Digging Depth	in	-2.1
L	Width OverTines	mm	2286
	width Over tines	in	90.0
М	Reach @ Ground Level	mm	2384
	Tiodon & Ground Ecvor	in	94
N	Max. Opening Across Tine and Clamp	mm	2709
		in mm	106.7 6840
0	Overall Height of Fork @ Full Lift and Clamp Open	in	269.3
		mm	9262
P	Overall LengthTip ofTine to Rear of Machine	in	364.6
	Oleman & F. III.'S and Mark Description (15 AF)	mm	2536
R	Clearance @ Full Lift and Max. Dump Discharge (if <> 45)	in	99.9
s	Clearance with Horizontal Lift Arms and Fork Level	mm	1913.2
	Oldarando with Horizontal Ent Alina and Fork Level	in	75.3
Т	Reach @ Full Lift and Fork Level	mm	2225.4
		in	87.6
U	Max. Discharge Angle from Horizontal	deg	60
		rad	1.0

63" Tine 383-3523



- → Payload (SAE J1197)
- Payload (CEN EN 474-3 Rough Terrain)
- → Payload (CEN EN 474-3 Firm & Level)
- StaticTipping Load Articulated
- StaticTipping Load Straight
- HydraulicTilt Capacity
- Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: L3Triangle (TB516) 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:

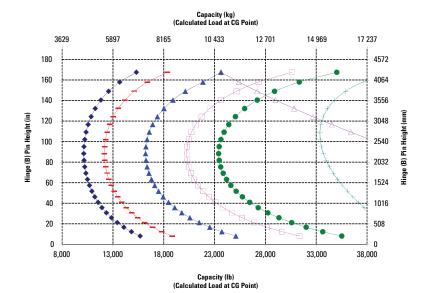
SAE J1197: 50% of full turn static tipping load or hydraulic limit.

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

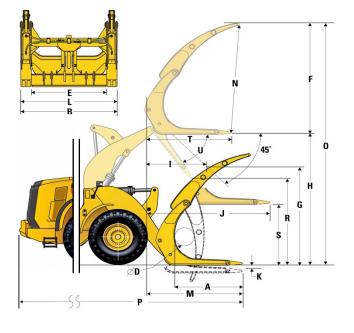
**CEN - European Committee for Standardization



Millyard, Pin-On

For	k Specifications		
Α	Tine Length	mm	1611
	Tille Leligiti	in	63.4
В	Fork Width	mm	2508
		in	98.8
	End Area	m²	1.59
		ft ²	17
С	Inside Height (only applies to double top clamp)	mm in	N/A N/A
		mm	662
D	Min. Opening (only applies to millyard forks)	in	26
-		kg	22 184
	Operating Weight	lb	48,907
	Bir I II II II	mm	1907
E	Distance Inside of Tine Tips	in	75
	Castis Timeira I and Anticolated Fould accel	kg	9740
	StaticTipping Load, Articulated Fork Level	lb	21,472.8
	Statis Tipping Load Straight Fork Loyal	kg	11 187
	StaticTipping Load, Straight Fork Level	lb	24,662.2
F	Max. Height of Fork (with clamp open if applicable)	mm	2805
		in	110.4
G	Clearance with Full Lift, 45 Degree Dump	mm	2867
	(if max. dump <> 45)	in	112.9
н	Clearance @ Full Lift Fork Level	mm	3991
		in	157.1
- 1	Reach with Full Lift, 45 Degree Dump (if max. dump <> 45)	mm	1404
		in	55.3 2956
J	Reach with Lift Arm Horizontal and Fork Level	mm :	116.4
		in mm	
K	Digging Depth	in	-2.3
		mm	2413
L	Width OverTines	in	95.0
		mm	2252
M	Reach @ Ground Level	in	89
	Mario O	mm	2727
N	Max. Opening Across Tine and Clamp	in	107.4
0	Overall Height of Fork @ Full Lift and Clamp Open	mm	6796
-	Overall Height of Fork @ Full Lift and Clamp Open	in	267.6
Р	Overall LengthTip ofTine to Rear of Machine	mm	9130
	Overall Length rip of the to hear of watchine	in	359.4
R	Clearance @ Full Lift and Max. Dump Discharge (if <> 45)	mm	2871
	The state of the s	in	113.0
s	Clearance with Horizontal Lift Arms and Fork Level	mm	1907.8
		in	75.1
Т	Reach @ Full Lift and Fork Level	mm	2089.0
		in	82.2
U	Max. Discharge Angle from Horizontal	deg rad	45 0.8
		rau	U.Ö

63" Tine 506-1946



- → Payload (SAE J1197)
- Payload (CEN EN 474-3 Rough Terrain)
- → Payload (CEN EN 474-3 Firm & Level)
- StaticTipping Load Articulated
- StaticTipping Load Straight
- HydraulicTilt Capacity
- Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: L3Triangle (TB516) 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:

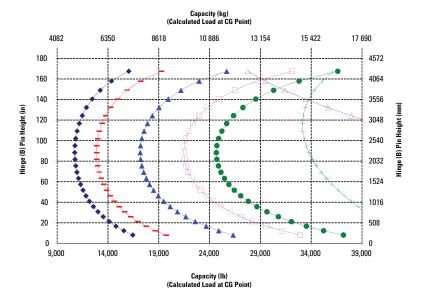
SAE J1197: 50% of full turn static tipping load or hydraulic limit.

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.

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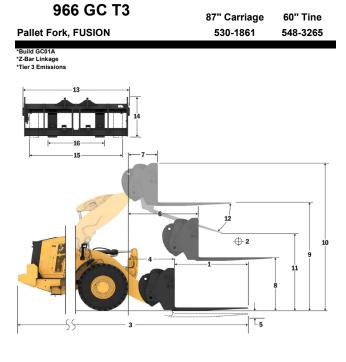
**CEN - European Committee for Standardization



Fork Specifications

Fork Specifications

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	11157
		lbs	24589
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9872 21757
		kg	4936
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10878
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5923
	Rated Load (CEN EN 474-3 Rough Terrain - 60% F131L)	lbs	13054
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7761
	Traiba Esaa (SEIT ETT IT TOT IIII and Estor Ground Sover Tota)	lbs	17105
3	Maximum Overall Length	mm	9515
-		in	374.6
4	Reach with Forks at Ground Level	mm	1113 43.8
_		in mm	-156
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.1
_		mm	1688
6	Reach with Arms Horizontal and Forks Level	in	66.5
7	Reach with Fork at Maximum Height	mm	820
′	Reach with Fork at Maximum neight	in	32.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1876
_	Ground to Top of Time with 74 mis Fronzontal und Fork Edver	in	73.8
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3959
_	- 1 J	in	155.9
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	4734
		mm	186.4 2662
11	Clearance at Full Lift and Max Dump	in	104.8
	M D: 1 A 1 (11 : 41		
12	Max Discharge Angle from Horizontal	deg	43
12	Overall Carriage Width	mm	2217
10	Overall Carriage Width	in	87.3
14	Overall Carriage Height	mm	840
		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
	T	mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
	Title Thickness	in	2.6
	Tine Capacity	kg	6300
	Tillo Oupuoity	lbs	13885
	Operating Weight	kg	20855
	-r	lbs	45964



Hinge (B) Pin Height (mm)

→Payload (SAE J1197)

- -Payload (CEN EN 474-3 Rough Terrain)
- Static Tipping Load Articulated
 Static Tipping Load Straight
- Hydraulic Tilt Capacity
- +Hydraulic Lift Capacity

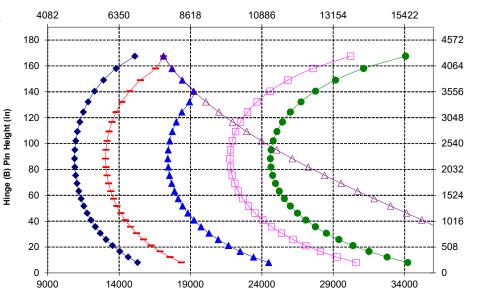
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator

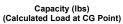
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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

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Capacity (kg) (Calculated Load at CG Point)





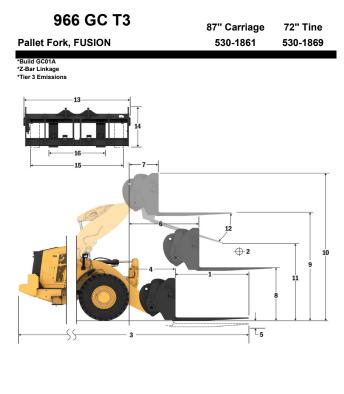


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

	•		
1	Tine Length	mm in	1830 72.0
_	Load Center	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10625
	Otatio Tipping Load - Otraight (1 Onto Level)	lbs	23418
	Static Tipping Load - Articulated (Forks Level)	kg	9396
_	· · · · · · · · · · · · · · · · · · ·	lbs	20709
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4698 10355
		kg	5638
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12426
	D + 11	ka	6825
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	1504
3	Maximum Overall Length	mm	9821
J	Maximum Overali Length	in	386.6
4	Reach with Forks at Ground Level	mm	1113
_	Treach with Forks at Ground Level	in	43.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-156
_	Ground to Bottom of Time at William Treight and Fork Edver	in	-6.1
6	Reach with Arms Horizontal and Forks Level	mm	1688
_		in	66.5
7	Reach with Fork at Maximum Height	mm	820
	<u> </u>	in	32.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1876
		in mm	73.8 3959
9	Ground to Top of Tine at Maximum Height and Fork Level	in	155.9
_		mm	4734
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	186.4
	0	mm	2454
11	Clearance at Full Lift and Max Dump	in	96.6
42	May Discharge Angle from Herizontel	don	43
12	Max Discharge Angle from Horizontal	deg	43
12	Overall Carriage Width	mm	2217
13	Overall Carriage viruli	in	87.3
14	Overall Carriage Height	mm	840
		in	33.1
15	Outside Tine Width (max spread)	mm	2070
		in	81.5
16	Outside Tine Width (min spread)	mm	470
	, ,	in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
		mm	65.0
	Tine Thickness	in	2.6
	T 0 3	kg	5246
	Tine Capacity	lbs	11562
_	Operating Weight	kg	20902



◆Payload (SAE J1197)

- Payload (CEN EN 474-3 Rough Terrain)
 Payload (CEN EN 474-3 Firm & Level)
- Static Tipping Load Articulated
- -Static Tipping Load Straight
- Hydraulic Tilt Capacity
- +Hydraulic Lift Capacity

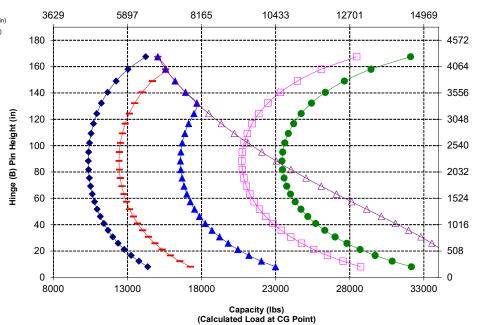
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TBS16 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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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.

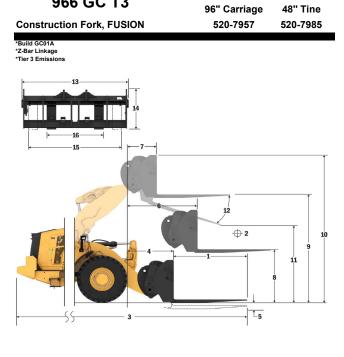
Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

FO	rk Specifications		
1	Tine Length	mm in	1219 48.0
_	1 10 1	mm	610
2	Load Center	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	11479
	Otatic Tipping Load - Ottaignt (Forks Level)	lbs	25300
	Static Tipping Load - Articulated (Forks Level)	kg	10129
	· · · · · · · · · · · · · · · · · · ·	lbs	22325 5065
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	11163
	D + 11	ka	6078
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13395
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8104
	Trated Load (CEN EN 474-51 IIIII and Level Gloding - 00 %1 101E)	lbs	17860
3	Maximum Overall Length	mm	9160
	maximam overall congli	in	360.6
4	Reach with Forks at Ground Level	mm	1063
		in mm	41.9 -77
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.0
_	B 1 21 A 11 C 15 C 1	mm	1679
6	Reach with Arms Horizontal and Forks Level	in	66.1
7	Reach with Fork at Maximum Height	mm	812
	Treach with Fork at Maximum Fleight	in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1980
		in	77.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4063 160.0
_	<u> </u>	in mm	5103
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.9
11	Clearance at Full Lift and Max Dump	mm	2830
-11	Clearance at Full Lift and Max Durnp	in	111.4
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
-10	Outside Title Width (Hill Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	in	3.5
	T 0 "	kg	22200
	Tine Capacity	lbs	48929
	Operating Weight	kg	21164
	Operating Weight	lbs	46645



Hinge (B) Pin Height (mm)

◆Payload (SAE J1197)

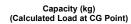
- Payload (CEN EN 474-3 Rough Terrain) → Payload (CEN EN 474-3 - Firm & Level)
- -Static Tipping Load Articulated
- -Static Tipping Load Straight
- Hydraulic Tilt Capacity
- +Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

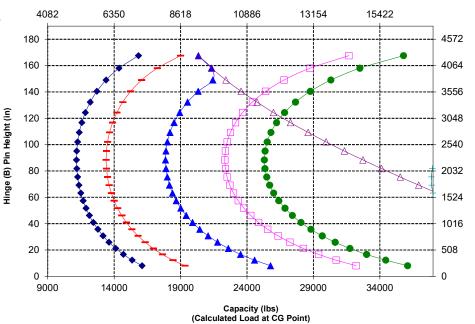
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1, CEN** EN 474-3.

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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966 GC T3



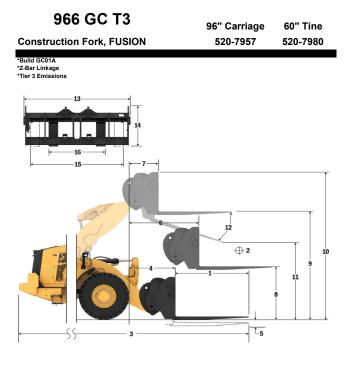


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

	openiouses		
1	Tine Length	mm in	1524 60.0
_	Land Carter	mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10893
	Static ripping Load - Straight (1 Stra Level)	lbs	24009
	Static Tipping Load - Articulated (Forks Level)	kg	9604
		lbs	21168
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4802
		lbs kg	10584 5763
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12701
		ka	7684
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16934
_	Manifestora Occasilla anneth	mm	9465
3	Maximum Overall Length	in	372.6
4	Reach with Forks at Ground Level	mm	1063
_	Neach with rorks at Ground Level	in	41.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-77
_	Ground to Bottom of Time at William Treight and Fork Ecver	in	-3.0
6	Reach with Arms Horizontal and Forks Level	mm	1679
_		in	66.1
7	Reach with Fork at Maximum Height	mm	812
	<u> </u>	in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1980 77.9
		mm	4063
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.0
		mm	5103
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.9
44	Olasson as A Full Life and Man Donne	mm	2599
11	Clearance at Full Lift and Max Dump	in	102.3
12	Max Discharge Angle from Horizontal	deg	49
12	Max Discharge Angle Iron Fronzontal	ueg	49
13	Overall Carriage Width	mm	2528
	Overall Garriage Wider	in	99.5
14	Overall Carriage Height	mm	1130
		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
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	Tine Conseits	kg	17800
	Tine Capacity	lbs	3923
	Operating Weight	kg	21230
	Operating weight	lbs	4679



- ◆ Payload (SAE J1197)— Payload (CEN EN 474-3 Rough Terrain)
- ♣ Payload (CEN EN 474-3 Firm & Level) ⊕ Static Tipping Load - Articulated
- -Static Tipping Load Straight

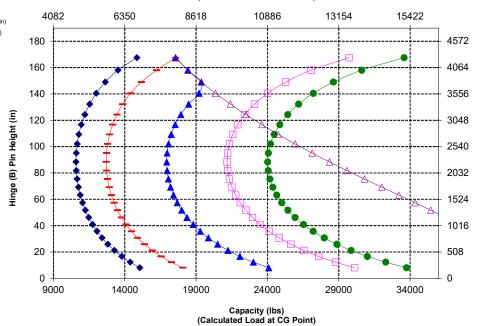
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

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

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Capacity (kg) (Calculated Load at CG Point)



 \wedge

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

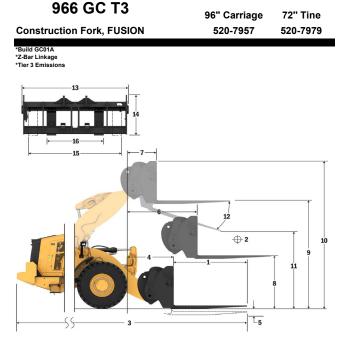
Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

	ik opecilications		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm in	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg	10356
	··· · · · · · · · · · · · · · · · · ·	lbs kg	22825 9123
	Static Tipping Load - Articulated (Forks Level)	lbs	20107
	D-t111 (OAE 14407 FOOV FTOTI)	kg	4562
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10054
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5474
	Traica Load (OLIV LIV 474 O Rough Tollain - 00701 TOTE)	lbs	12064
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	6981
	·	lbs	15387 9770
3	Maximum Overall Length	mm in	384.7
		mm	1063
4	Reach with Forks at Ground Level	in	41.9
_	*O 11 D #	mm	-77
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.0
6	Reach with Arms Horizontal and Forks Level	mm	1679
•	Reach with Arms Horizontal and Porks Level	in	66.1
7	Reach with Fork at Maximum Height	mm	812
	Troubit with tork at Maximum Floight	in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1980
		in	77.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4063
	· · · · · · · · · · · · · · · · · · ·	in	160.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5103 200.9
		mm	2369
11	Clearance at Full Lift and Max Dump	in	93.3
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm	1130
	<u> </u>	in mm	44.5 2178
15	Outside Tine Width (max spread)	in	85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tin - \\(\frac{1}{2}\) (-in -1-4in -)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	14800
	тне Сараску	lbs	32619
	Operating Weight	kg	21291
	opolating resignit	lbs	46925



Hinge (B) Pin Height (mm)

◆Payload (SAE J1197)

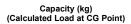
- Payload (CEN EN 474-3 Rough Terrain)
- → Payload (CEN EN 474-3 Firm & Level) -Static Tipping Load - Articulated
- -Static Tipping Load Straight
- Hydraulic Tilt Capacity
- +Hydraulic Lift Capacity

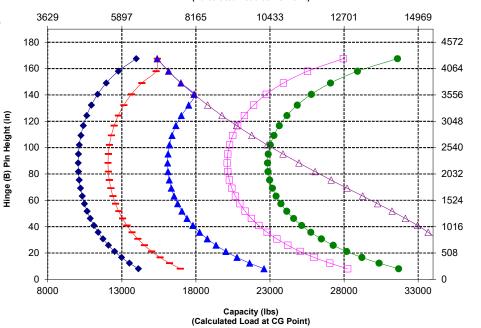
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

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





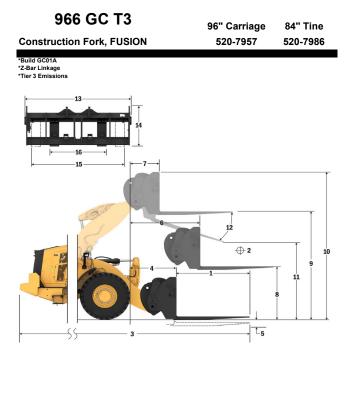


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

	•		
1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9857
		lbs kg	21724 8675
	Static Tipping Load - Articulated (Forks Level)	lbs	19120
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4338
	Raied Load (SAE 31197 - 50% F151L)	lbs	9560
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5205
	Traited Edda (OETT ETT TO Trought Tolliam OO 30 T TO TE)	lbs	11472
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6188
		lbs mm	1363
3	Maximum Overall Length	in	396.7
-	D 1 31 E 1 10 11 1	mm	1063
4	Reach with Forks at Ground Level	in	41.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-77
<u> </u>	Ground to Bottom of Time at William Height and Fork Level	in	-3.0
6	Reach with Arms Horizontal and Forks Level	mm	1679
_		in	66.1
7	Reach with Fork at Maximum Height	mm	812
	<u> </u>	in mm	32.0 1980
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.9
_	Oncomed to Ton of Time at Marrison and Uninet and Foods Lavel	mm	4063
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5103
	Overall freight of Fork at Full Lift (top of carriage to ground)	in	200.9
11	Clearance at Full Lift and Max Dump	mm	2138
	· '	in	84.2
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528 99.5
		in mm	1130
14	Overall Carriage Height	in	44.5
	0 1 11 T W/ W / D	mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Outside Title Width (Hill Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	(3 /	in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	1270
	Tine Capacity	lbs	2799
_	Operating Weight	kg	2135



*Negative values indicate below grade

◆Payload (SAE J1197)

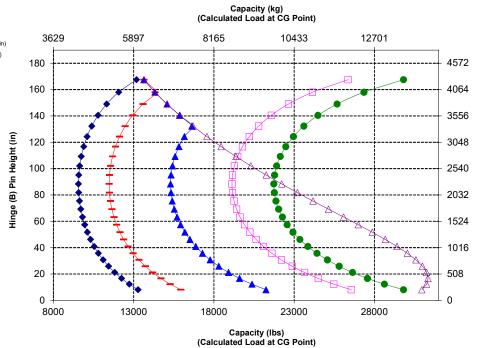
- Payload (CEN EN 474-3 Rough Terrain)
 Payload (CEN EN 474-3 Firm & Level)
- -Static Tipping Load Articulated
- -Static Tipping Load Straight
- Hydraulic Tilt Capacity
- + Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TBS16 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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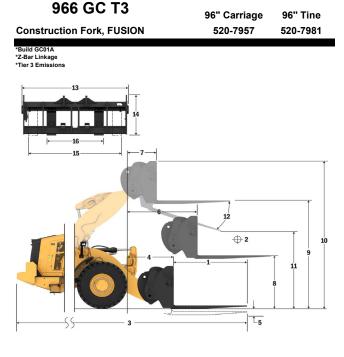
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

Fork Specifications

Fork Specifications

гυ	rk Specifications		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0 9395
	Static Tipping Load - Straight (Forks Level)	kg lbs	20706
	Static Tipping Load - Articulated (Forks Level)	kg	8260
	Static ripping Load - Articulated (Forks Level)	lbs	18206
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4130
	114104 2044 (0712 0 1707 0 0 77 1 0 12)	lbs	9103
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	4956 10923
		ka	5535
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	12200
3	Maximum Overall Length	mm	10379
	Maximum Overali Length	in	408.6
4	Reach with Forks at Ground Level	mm	1063
		in	41.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-77
		in mm	-3.0 1679
6	Reach with Arms Horizontal and Forks Level	in	66.1
_	Described from the Mandage of Man	mm	812
7	Reach with Fork at Maximum Height	in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1980
	Glound to Top of Title with Arms Horizontal and Fork Level	in	77.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4063
	·	in	160.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5103 200.9
		mm	1909
11	Clearance at Full Lift and Max Dump	in	75.1
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
	Oddside Tille Width (Hilli Spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	, ,	in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	11300
	Tine Capacity	lbs	24905
	Operating Weight	kg	21416
	Operating weight	lbs	47201



Hinge (B) Pin Height (mm)

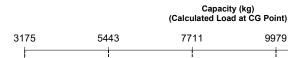
- ◆Payload (SAE J1197)
- Payload (CEN EN 474-3 Rough Terrain) → Payload (CEN EN 474-3 - Firm & Level)
- -Static Tipping Load Articulated
- -Static Tipping Load Straight
- Hydraulic Tilt Capacity
- +-Hydraulic Lift Capacity

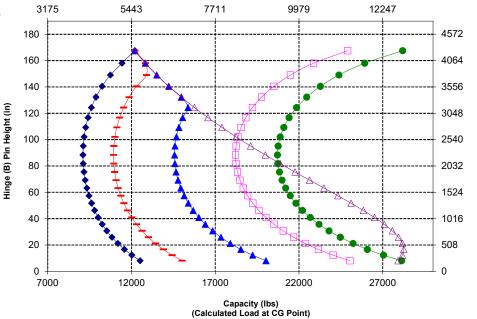
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

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

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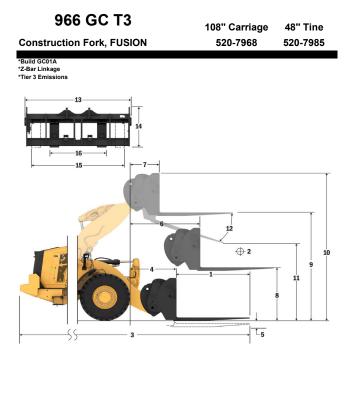


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
_	Edda Gerilei	in	24.0
	Static Tipping Load - Straight (Forks Level)	kg	11439
		lbs kg	25211 10089
	Static Tipping Load - Articulated (Forks Level)	lbs	22236
	D-1-111 (CAE 14407 FOO(FTOTI)	kg	5044
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	11118
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6053
	Traited Edua (OEIV EIV +7 + O Trough Terrain - 00 /0 T TOTE)	lbs	13342
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	ka	8071
	·	lbs	17789
3	Maximum Overall Length	mm in	9160 360.6
_		mm	1063
4	Reach with Forks at Ground Level	in	41.9
_	*O O (T	mm	-77
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.0
6	Reach with Arms Horizontal and Forks Level	mm	1679
_	Treach with Annis Honzontal and Forks Level	in	66.1
7	Reach with Fork at Maximum Height	mm	812
		in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1980
	·	in mm	77.9 4063
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.0
		mm	5103
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.9
11	Clearance at Full Lift and Max Dump	mm	2830
•••	Clearance at Full Lift and Wax Dump	in	111.4
12	Max Discharge Angle from Horizontal	deg	49
			2022
13	Overall Carriage Width	mm in	2833 111.5
		mm	1130
14	Overall Carriage Height	in	44.5
	O L I L T MICH / N	mm	2493
15	Outside Tine Width (max spread)	in	98.1
16	Outside Tine Width (min spread)	mm	590
10	Outside Title Width (Hilli Spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	···- ·· \··g ···-/	in	7.1
	Tine Thickness	mm	90.0
		in	3.5 22200
	Tine Capacity	kg Ibs	
_		kg	48929 21217
	Operating Weight	lbs	46762
		IDS	40702



*Negative values indicate below grade

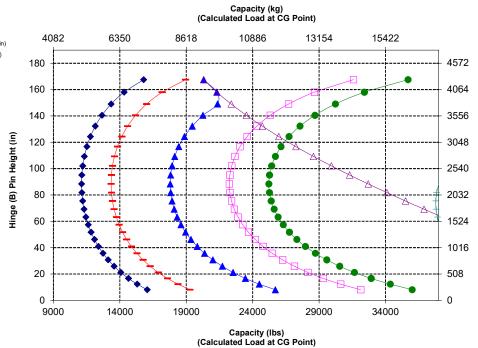
◆Payload (SAE J1197)

- Payload (CEN EN 474-3 Rough Terrain)
 Payload (CEN EN 474-3 Firm & Level)
- -Static Tipping Load Articulated
- -Static Tipping Load Straight
- NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 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:
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CEN EN 474-3: 80% of full turn static tipping load on or on the full turn static tipping load on firm and level ground or hydraulic limit.

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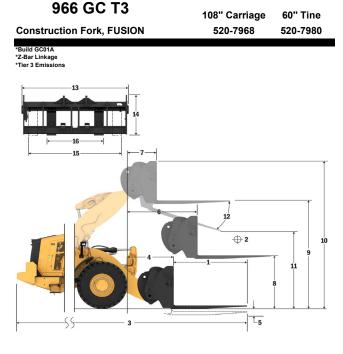
WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Hinge (B) Pin Height (mm)

Fork Specifications

Fork Specifications

	n opecinications		
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	O. C. T O	kg	10858
	Static Tipping Load - Straight (Forks Level)	lbs	23931
	Static Tipping Load - Articulated (Forks Level)	kg	9569
	Static ripping Load - Articulated (Forks Level)	lbs	21091
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4785
	Raied Load (SAE 31197 - 30 % F131L)	lbs	10545
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5742
	Traica Eda (OEIT EIT 474 O Trough Tollain - 0070 T TOTE)	lbs	12655
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7655
		lbs	16873
3	Maximum Overall Length	mm	9465
		in	372.6
4	Reach with Forks at Ground Level	mm	1063
		in	41.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-77
	<u> </u>	in	-3.0 1679
6	Reach with Arms Horizontal and Forks Level	mm in	66.1
		mm	812
7	Reach with Fork at Maximum Height	in	32.0
_		mm	1980
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.9
_	Construct to Ton of Time at Manipus and Height and Ford Level	mm	4063
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5103
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.9
11	Clearance at Full Lift and Max Dump	mm	2599
•••	Clearance at 1 dil Liit and Max Dunip	in	102.3
12	Max Discharge Angle from Horizontal	deg	49
	That Blooming 7 mgio nom moneonia		
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
	<u> </u>	in	97.8 590
16	Outside Tine Width (min spread)	mm in	23.2
		mm	180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	T 0 1	kg	17800
	Tine Capacity	lbs	39231
_	Operating Weight	kg	21279



Hinge (B) Pin Height (mm)

→Payload (SAE J1197)

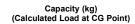
- -- Payload (CEN EN 474-3 Rough Terrain)
 -- Payload (CEN EN 474-3 Firm & Level)
- -Static Tipping Load Articulated
- Static Tipping Load Articulate
 Static Tipping Load Straight
- Hydraulic Tilt Capacity
- +Hydraulic Lift Capacity

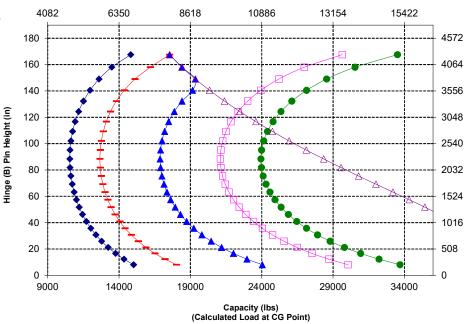
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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

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

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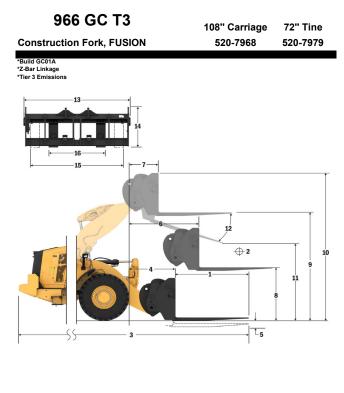


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Fork Specifications

	nk opcomoduons		
1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
	Load Ceriter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10321
	, , , , , , , , , , , , , , , , , , ,	lbs	22748 9088
	Static Tipping Load - Articulated (Forks Level)	kg lbs	20031
		kg	4544
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10015
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5453
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	12019
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6973
	Trained Enda (DETY EIT TO TIMITAINA ENTRE OFFICIAL CONTROLL)	lbs	15369
3	Maximum Overall Length	mm	9770
		in	384.7 1063
4	Reach with Forks at Ground Level	mm in	41.9
_		mm	-77
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.0
_	Death with Asses Universal and Feder Level	mm	1679
6	Reach with Arms Horizontal and Forks Level	in	66.1
7	Reach with Fork at Maximum Height	mm	812
<u>'</u>	Treach with Fork at Maximum Fleight	in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1980
_		in	77.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4063 160.0
	· · · · · · · · · · · · · · · · · · ·	in mm	5103
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.9
	01 15 11179 1111 10	mm	2369
11	Clearance at Full Lift and Max Dump	in	93.3
12	Max Discharge Angle from Horizontal	deg	49
12	Max Discharge Angle Iron Florizontal		
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm	1130 44.5
_	<u> </u>	in 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
	Title vildur (single une)	in	7.1
	Tine Thickness	mm	90.0
	THIS THIS HISTORY	in	3.5
	Tine Capacity	kg	14800
	<u> </u>	lbs	32619
	Operating Weight	kg lbs	21341 47036
		IDS	47030



◆Payload (SAE J1197)

- Payload (CEN EN 474-3 Rough Terrain)
 Payload (CEN EN 474-3 Firm & Level)
- Static Tipping Load Articulated
- -Static Tipping Load Straight

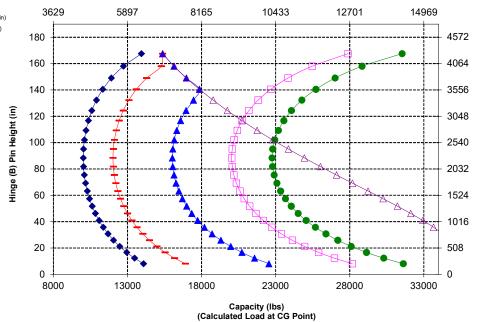
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator

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

The rated operating load for a loader equipped with a pallet fork is determined by:
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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 or on the full turn static tipping load on firm and level ground or hydraulic limit.

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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.

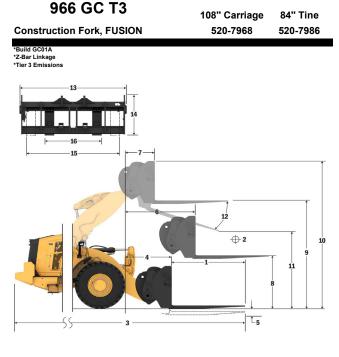
Hinge (B) Pin Height (mm)

^{*}Negative values indicate below grade

Fork Specifications

Fork Specifications

	nk opcomeditions		
1	Tine Length	mm	2134 84.0
_	1 10 1	in mm	1067
2	Load Center	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg	9824
	Static Tipping Load - Straight (Forks Level)	lbs	21653
	Static Tipping Load - Articulated (Forks Level)	kg	8643
	otatio ripping zoda i rittodiatoa (rionto zorot)	lbs	19049
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4321
		lbs	9524
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5186
	<u> </u>	lbs	11429
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6181 13623
_		mm	10075
3	Maximum Overall Length	in	396.7
_	D 1 71 F 1 10 11 1	mm	1063
4	Reach with Forks at Ground Level	in	41.9
_	*One and to Bottom of Time at Minimum Uninht and Fool Lavel	mm	-77
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.0
6	Reach with Arms Horizontal and Forks Level	mm	1679
٠	Reach with Arms Horizontal and Forks Level	in	66.1
7	Reach with Fork at Maximum Height	mm	812
<u> </u>	Trodon Will Fork at Maximum Floight	in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1980
	Ordana to Top of Time Mary time Florizonial and Fork 2010	in	77.9
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4063
_	<u> </u>	in	160.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5103 200.9
		in	2138
11	Clearance at Full Lift and Max Dump	mm in	84.2
12	Max Discharge Angle from Horizontal	deg	49
12	Overall Carriage Width	mm	2833
10	Overall Carriage 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
		mm	180.0
	Tine Width (single tine)	in	7.1
	T. 7:1	mm	90.0
	Tine Thickness	in	3.5
	Tine Canacity	kg	12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	21403
	Operating weight	lbs	47172



Hinge (B) Pin Height (mm)

*Negative values indicate below grade



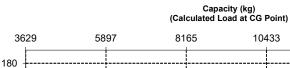
- Payload (CEN EN 474-3 Rough Terrain)
- → Payload (CEN EN 474-3 Firm & Level)
- -Static Tipping Load Articulated
- -Static Tipping Load Straight - Hydraulic Tilt Capacity
- +Hydraulic Lift Capacity

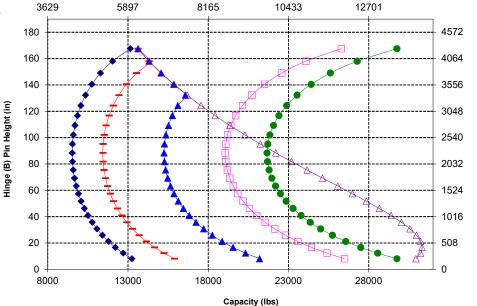
NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and

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.

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





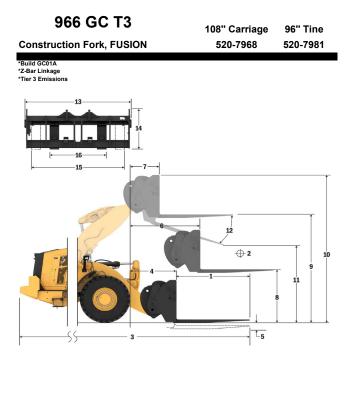
Capacity (lbs) (Calculated Load at CG Point)



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

Fork Specifications

1	Tine Length	mm in	2438 96.0
_	1 1 01	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9363
	Chaile Tipping 2000 Chaight (Fortio 2010)	lbs	20636
	Static Tipping Load - Articulated (Forks Level)	kg lbs	8228 18136
		kg	4114
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9068
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4937
	Rated Load (CEN EN 474-3 Rough Terrain - 00 % F131L)	lbs	10881
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5529
	,	lbs	12185
3	Maximum Overall Length	mm in	10379 408.6
_		mm	1063
4	Reach with Forks at Ground Level	in	41.9
_	*O	mm	-77
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.0
6	Reach with Arms Horizontal and Forks Level	mm	1679
	Treach with Arms Honzontal and Forks Level	in	66.1
7	Reach with Fork at Maximum Height	mm	812
	<u> </u>	in	32.0
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1980 77.9
_		mm	4063
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5103
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.9
11	Clearance at Full Lift and Max Dump	mm	1909
	Clouranted at Full Ent and Max Bump	in	75.1
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
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
16	Outside Tine Width (min spread)	mm	590
	Outside Title Width (Illin spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	11300
	Tine Capacity	lbs	24905
_	O	kg	21466
	Operating Weight	lbs	47311



Hinge (B) Pin Height (mm)

→Payload (SAE J1197)

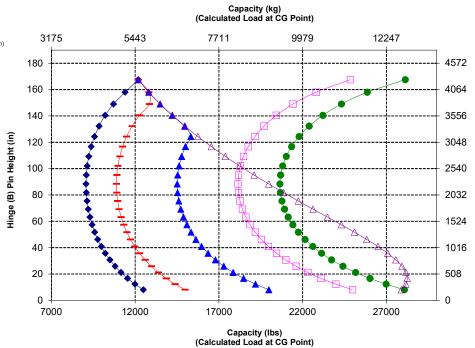
- -Payload (CEN EN 474-3 Rough Terrain)
- ♣ Payload (CEN EN 474-3 Firm & Level) ⊕ Static Tipping Load - Articulated
- -Static Tipping Load Straight
- Hydraulic Tilt Capacity
- +Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TBS16.1.3 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 or on the full turn static tipping load on firm and level ground or hydraulic limit.

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



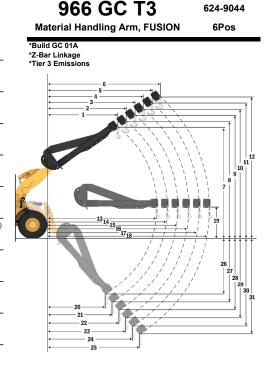


WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

^{*}Negative values indicate below grade

Material Handling Arm Specifications

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
	mm	1,817	1,930	2,043	2,156	2,269	2,382
Max Lift - Hook Eyelet Reach (1, 2, 3, 4, 5, 6)	ft, in	5' 11"	130	6' 8"	7' 0"	7' 5"	7' 9"
M 17 11 15 1 11 17 2 2 2 4 4 4 2	mm	7,228	7,511	7,794	8,077	8,360	8,643
Max Lift - Hook Eyelet Height (7, 8, 9, 10, 11, 12)	ft, in	23' 8"	4,162	25' 6"	26' 5"	27' 5"	28' 4"
	mm	4,547	4,852	5,156	5,461	5,766	6,071
Level - Hook Eyelet Reach (13, 14, 15, 16, 17, 18)	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
	mm	1,947	1,947	1,947	1,947	1,947	1,947
Level - Hook Eyelet Height (19)	ft, in	6' 4.6"	6' 4.6"	6' 4.6"	6' 4.6"	6' 4.6"	6' 4.6"
Nr. 1.77 11 1 5 1 1 5 1 1 (20 21 22 22 23 24 25)	mm	1,714	1,846	1,977	2,108	2,239	2,371
Min Lift - Hook Eyelet Reach (20, 21, 22, 23, 24, 25)	ft, in	5' 7"	6' 0"	6' 5"	6' 10"	7' 4"	7' 9"
Nr. 177 11 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mm	(2,861)	(3,136)	(3,411)	(3,686)	(3,961)	(4,236)
Min Lift - Hook Eyelet Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 7"	-10' 8"	-11' 9"	-12' 10"	-12' 0"	-13' 1"
Chatic Timeira Land Christa	kg	6,924	6,550	6,213	5,909	5,632	5,379
Static Tipping Load, Straight	lb	15,261	14,436	13,694	13,022	12,412	11,854
	kg	6,138	5,805	5,506	5,235	4,989	4,764
Static Tipping Load, Articulated	lb	13,527	12,794	12,135	11,538	10,996	10,500
0	kg	20,613	20,613	20,613	20,613	20,613	20,613
Operating Weight	lb	45,431	45,431	45,431	45,431	45,431	45,431





NOTE: Static tipping loads and operating weight are based on the following loader configuration: Triangle TB516 L3Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

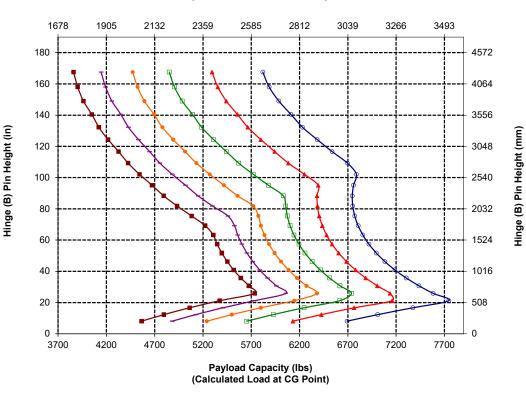
Specifications and ratings conform to the following standards: SAE* J1197, ISO 14397-1

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

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

*SAE - Society of Automotive Engineers

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



966 GC Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
OPERATOR ENVIRONMENT			ELECTRICAL		
Air conditioning (HVAC) with 10 vents and	✓		Alarm, back-up/main disconnect switch	✓	
filter unit located outside of cab			Alternator (115-amp, brush type)	✓	
Bucket/work tool function lockout	✓		Batteries, maintenance free (2×1,125 CCA)	✓	
Cab, pressurized and sound suppressed	✓		Ignition key, start/stop	✓	
Camera, rearview	✓		Lighting system: 4 halogen work lights, cab	✓	
CB radio ready		✓	mounted		
Computerized monitoring system	✓		Lighting system: 4 LED or 8 halogen work lights, cab mounted		✓
Mirrors, rearview external	✓		Lighting system: 2 halogen work lights,	✓	
Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or	✓		loader tower mounted	·	
joystick			Lights: LED taillights	✓	
12V power port (10A)	✓		Lights: warning beacon		✓
Radio ready	✓		Roading lights with high/low beam and F		✓
Radio: DAB+/AM/FM/BT		✓	and R turn signals		
ROPS/FOPS structure	✓		Starter, electric (heavy duty)	✓	
Seat, Cat Comfort (cloth), mechanical	✓		Starting and charging system, 24V	✓	
suspension			ADDITIONAL EQUIPMENT		
Seat, high-back, air suspended		✓	Autolube system		✓
Seat, air suspended, heated		✓	Camera, front view (kit)**		✓
Steering column, adjustable angle	✓		Cat Payload scale system		✓
Steering, secondary, electrical*		✓	Cat Payload ready		✓
Switch, transmission neutralizer (adjustable) lockout	✓		Cold weather starting basic (ether starting aid)		✓
Window, sliding (left and right sides)	✓		Cold weather starting full (HD batteries		✓
Wipers/washers (front and rear)	✓		2x1,400 CCA, ether system, jacket water		
POWERTRAIN			heater, cold weather fluids) Doors, service access (locking)	✓	
Brakes, full hydraulic enclosed wet-disc	✓		Fenders, rear extensions	•	✓
Cat C9.3B engine	✓		Fenders, reading		
Engine Idle Management System (EIMS)	✓		Grill, airborne debris	✓	•
Fan, radiator, electronically controlled,	✓		L5 traction tires	•	√
hydraulically driven, temperature sensing, on demand			L3 traction tries L3 radial or bias ply tires	✓	•
Fan, reversing, automatic and manual		√	Powertrain guard	V	√
control		•	Precleaner, strata-tubes with scavenge		√
Filter, fuel primary/secondary/tertiary	✓		Product Link ready	✓	V
Fuel priming pump (electric)	✓		Tilt cylinder guard	•	√
Fuel/water separator	✓		Toolbox		→
Muffler, sound suppressed	✓			✓	•
Radiator, unit core (9.5 fpi) with ATAAC	✓		Variable backup alarm (3dB above ambient noise)	•	
Torque converter	✓		Windshield guard		✓
Transmission, automatic, powershift	✓		LINKAGE		
(4F/3R), kick-down 2-1 manual			Fusion™ quick coupler control		✓
HYDRAULICS			Lift and bucket return-to-dig kickouts	✓	
Dedicated brake and fan piston pump	✓		(electro-magnetic), mechanical		
Dedicated load sensing steering pump	✓		adjustment		
Load sensing implement system, pilot operated	✓		Z-bar, cast tilt lever	✓	
Ride control		✓	*Standard where mandated.		
S•O•S SM oil sampling valves	✓		** Refer to M0106413 publication for usage requir	rements.	
3rd function with additional dedicated		√			

²⁷



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AEXQ2901-01 (4-2023)
Build Number: 01B
(Afr-ME, Eurasia, S Am
[excluding Chile], Aus-NZ,
Asia [excluding China, SE Asia,
Indonesia, Japan, S. Korea])

