

962M Wheel Loader

Technical Specifications

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

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Service Refill Capacities	Recommended Equipment and Work Tools	



uivalent)¹	
Cat C7.1	
196 kW	263 hp
195 kW	261 hp
	265 hp
185 kW	248 hp
185 kW	248 hp
	252 hp
1053 N·m	777 lbf-ft
984 N·m	726 lbf-ft
105 mm	4.13 in
135 mm	5.31 in
7.01 L	428 in ³
	196 kW 195 kW 185 kW 185 kW 1053 N·m 984 N·m 105 mm 135 mm

- 1 Meets Brazil MAR-1 and UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- The power ratings apply at the stated speed when tested under the reference conditions for the specified standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- The gross power advertised is with the fan at maximum speed.

Engine – (Tier 4 Final/Stage V) ²			
Engine Model	Cat C7.1		
Maximum Power (2,100 rpm)			
SAE J1995	202 kW	271 hp	
ISO 14396	201 kW	269 hp	
ISO 14396 (metric)		273 hp	
Maximum Net Power (2,100 rpm)			
SAE J1349	186 kW	250 hp	
ISO 9249	186 kW	250 hp	
ISO 9249 (metric)		253 hp	
Peak Gross Torque (1,350 rpm)			
SAE J1995	1249 N·m	921 lbf-ft	
Maximum Net Torque (1,350 rpm)			
SAE J1349	1172 N·m	865 lbf-ft	
Bore	105 mm	4.13 in	
Stroke	135 mm	5.31 in	
Displacement	7.01 L	428 in ³	

- 2 Meets either U.S. EPA Tier 4 Final or EU Stage V, Japan 2014, and Korea Tier 4 Final emission standards depending on region.
- The power ratings apply at the stated speed when tested under the reference conditions for the specified standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- The gross power advertised is with the fan at maximum speed.

Buckets			
Bucket Capacities	2.5-9.2 m ³	3.3-12 yd ³	_

Weight		
Operating Weight	20 226 kg	44,591 lb

 Weight based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, standard counterweight, cold start, roading fenders, Product LinkTM, manual diff lock/open axles (front/rear), power train guard, secondary steering, sound suppression and a 3.3 m³ (4.3 yd³) general purpose bucket with BOCE.

Transmission		
Forward 1	6.9 km/h	4.3 mph
Forward 2	12.0 km/h	7.5 mph
Forward 3	19.3 km/h	12.0 mph
Forward 4	25.7 km/h	16.0 mph
Forward 5	39.5 km/h	24.5 mph
Reverse 1	6.9 km/h	4.3 mph
Reverse 2	12.0 km/h	7.5 mph
Reverse 3	25.7 km/h	16.0 mph

 Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 787 mm (31 in) roll radius.

Hydraulic System		
Implement Pump Type	Variable axial piston	
Implement System		
Maximum Pump Output (2,150 rpm)	286 L/min	76 gal/min
Maximum Operating Pressure	29 300 kPa	4,250 psi
Optional 3 rd /4 th Function Maximum Flow	240 L/min	63 gal/min
Optional 3 rd /4 th Function Maximum Pressure	21 780 kPa	3,159 psi
Hydraulic Cycle Time with Rated Payload		
Raise from Carry Position	5.2	Sec.
Dump, at Maximum Raise	1.5 Sec.	
Lower, Empty, Float Down	2.7 Sec.	
Total	9.4 Sec.	
Brakes		
Brakes	Brakes meet ISO 3450:2011 standards	

Axles	
Front	Fixed
Rear	Oscillating ±13 degrees
Maximum Single-Wheel Rise and Fall	496 mm 1.6 ft

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

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.

Operator Sound Pressure Level (ISO 6396:2008)		
Tier 3/Stage IIIA Equivalent	72 dB(A)*	
Tier 4 Final/Stage V	70 dB(A)*	
Exterior Sound Power Level (ISO 6395:2008)	107 dB(A)*	
Exterior Sound Pressure Level (SAE J88:2013)	75 dB(A)**	

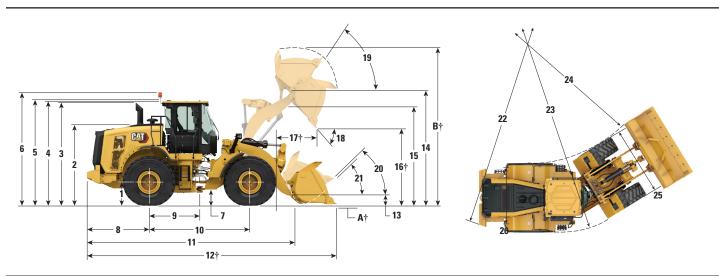
- *For a typical machine configuration, measured according to the procedures specified with the cooling fan speed set at maximum value.
- **For a typical machine configuration, measured according to the procedures specified. The measurement was conducted under the following conditions: distance of 15 m (49.2 ft), moving forward in second gear ratio with the cooling fan speed set at maximum value.

Service Refill Capacities		
Fuel Tank	275 L	72.6 gal
DEF Tank*	16 L	4.2 gal
Cooling System	59 L	15.6 gal
Crankcase	22 L	5.8 gal
Transmission	43 L	11.4 gal
Differentials and Final Drives – Front	43 L	11.4 gal
Differentials and Final Drives – Rear	43 L	11.4 gal
Hydraulic Tank	125 L	33.0 gal

^{*}Must meet the requirements outlined in ISO 22241-1 for Tier 4 Final/ Stage V models.

Dimensions

All dimensions are approximate.



		Standard Lift		High Lift	
1	Height to Axle Centerline	747 mm	2'5"	747 mm	2'5"
2	Height to Top of Hood	2694 mm	8'10"	2691 mm	8'10"
3	Height to Top of Exhaust Pipe	3411 mm	11'2"	3408 mm	11'2"
4	Height to Top of ROPS	3447 mm	11'4"	3444 mm	11'4"
5	Height to Top of Product Link Antenna	3653 mm	12'0"	3653 mm	12'0"
6	Height to Top of Warning Beacon	3747 mm	12'4"	3747 mm	12'4"
7	Ground Clearance	364 mm	1'2"	361 mm	1'2"
8	Center Line of Rear Axle to Edge of Counterweight	2147 mm	7'1"	2186 mm	7'2"
9	Center Line of Rear Axle to Hitch	1675 mm	5'6"	1675 mm	5'6"
10	Wheelbase	3350 mm	11'0"	3350 mm	11'0"
11	Overall Length (without bucket)	7228 mm	23'9"	7228 mm	23'9"
12	Shipping Length (with bucket level on ground)*†	8573 mm	28'2"	8945 mm	29'4"
13	Hinge Pin Height at Carry Height	669 mm	2'2"	779 mm	2'7"
14	Hinge Pin Height at Maximum Lift	4235 mm	13'11"	4524 mm	14'10"
15	Lift Arm Clearance at Maximum Lift	3477 mm	11'4"	3631 mm	11'10"
16	Dump Clearance at Maximum Lift and 45° Discharge*†	3055 mm	10'0"	3343 mm	10'11"
17	Reach at Maximum Lift and 45° Discharge*†	1392 mm	4'6"	1494 mm	4'11"
18	Dump Angle at Maximum Lift and Dump (on stops)*	49 deg	grees	47 deg	grees
19	Rack Back at Maximum Lift*	59 deg	grees	59 deg	grees
20	Rack Back at Carry Height*	49 deg	grees	49 degrees	
21	Rack Back at Ground*	37 deg	grees	37 degrees	
22	Turning Radius to Counterweight	6023 mm	19'8"	6023 mm	19'8"
23	Turning Radius to Outside of Tires	5985 mm	19'6"	5985 mm	19'6"
24	Turning Radius to Inside of Tires	3161 mm	10'4"	3240 mm	10'8"
25	Width over Tires (unloaded)	2821 mm	9'3"	2821 mm	9'3"
	Width over Tires (loaded)	2824 mm	9'3"	2824 mm	9'3"
26	Tread Width	2140 mm	7'0"	2140 mm	7'0"

^{*}With 3.1 m³ (4.3 yd³) general purpose pin-on bucket with BOCE (see Operating Specifications for other Buckets).

 $^{{\}ensuremath{\mathsf{TDimensions}}}$ are listed in Operating Specification charts.

All height and tire related dimensions are with Michelin 23.5R25 XHA2 L3 radial tires (see Tire Option Chart for other tires). "Width Over Tires" dimensions are over the bulge and include growth.

Tire Options

Tire Brand	Michelin	Bridgestone	Goodyear	Bridgestone	Bridgestone	Michelin	Bridgestone
Tire Size	23.5R25	23.5R25	23.5R25	23.5-25	23.5R25	750/65R25	23.5-25
Tread Type	L-3	L-3	L-3	L-3	L-3	L-3	L-3
Tread Pattern	XHA2	VMT	RT-3B	SRG LD	VJT	XLD	VL2
Width over Tires – Maximum (empty)*	2821 mm	2810 mm	2840 mm	2768 mm	2809 mm	2954 mm	2771 mm
	9'3"	9'3"	9'4"	9'1"	9'3"	9'8"	9'1"
Width over Tires – Maximum (loaded)*	2824 mm	2835 mm	2847 mm	2797 mm	2832 mm	2967 mm	2784 mm
	9'3"	9'4"	9'4"	9'2"	9'3"	9'9"	9'2"
Change in Vertical Dimensions	0 mm	−2 mm	1 mm	1 mm	–6 mm	−6 mm	16 mm
(average of front and rear)	0"	-0.1"	0"	0"	-0.2"	-0.2"	0.6"
Change in Horizontal Reach	0 mm	6 mm	3 mm	-16 mm	6 mm	11 mm	3 mm
	0"	0.2"	0.1"	-0.6"	0.2"	0.4"	0.1"
Change in Clearance Circle to Outside of Tires	0 mm	12 mm	23 mm	–27 mm	9 mm	143 mm	–40 mm
	0"	0.5"	0.9"	-1.1"	0.4"	5.6"	-1.6"
Change in Clearance Circle to Inside of Tires	0 mm	-12 mm	-23 mm	27 mm	–9 mm	-143 mm	40 mm
	0"	-0.5"	-0.9"	1.1"	-0.4"	-5.6"	1.6"
Change in Operating Weight (without Ballast)	0 kg	188 kg	127 kg	–248 kg	168 kg	801 kg	-100 kg
	0 lb	414 lb	280 lb	−547 lb	370 lb	1,766 lb	-220 lb
Change in Static Tipping Load – Straight	0 kg	119 kg	81 kg	-157 kg	106 kg	507 kg	-63 kg
	0 lb	262 lb	179 lb	-346 lb	234 lb	1,118 lb	−139 lb
Change in Static Tipping Load – Articulated	0 kg	104 kg	70 kg	−137 kg	93 kg	442 kg	–55 kg
	0 lb	229 lb	154 lb	-302 lb	205 lb	974 lb	−121 lb

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

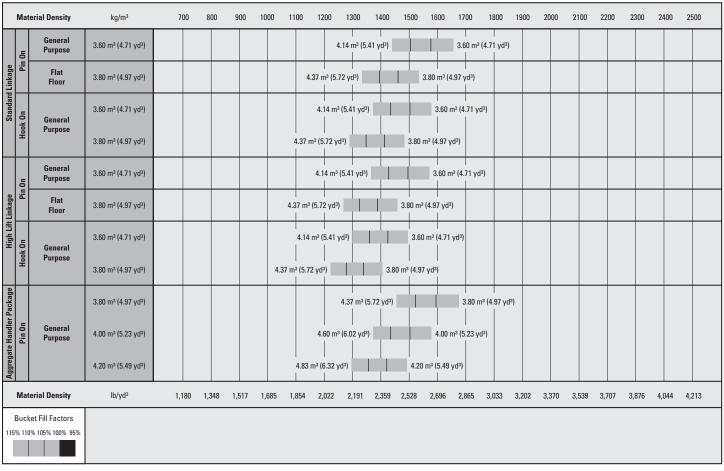
Bucket Fill Factors and Selection Guide

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		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.

Operating Specifications – Buckets

Linkage				Standar	l Linkage			
Bucket Type		Gener				nt Floor – Pin-	-On	_
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	High Lift Linkage Change**
Capacity – Rated	m³	3.60	3.60	3.40	3.80	3.80	3.60	_
	yd³	4.71	4.71	4.45	4.97	4.97	4.71	_
Capacity – Rated at 110% Fill Factor	m³	3.96	3.96	3.74	4.18	4.18	3.96	_
	yd³	5.18	5.18	4.89	5.47	5.47	5.18	_
Width	mm	2927	2994	2994	2927	2994	2994	_
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	_
16 † Dump Clearance at Maximum Lift	mm	3010	2890	2890	2910	2785	2785	288
and 45° Discharge	ft/in	9'10"	9'5"	9'5"	9'6"	9'1"	9'1"	11"
17† Reach at Maximum Lift and 45° Discharge	mm	1428	1537	1537	1408	1510	1510	101
	ft/in	4'8"	5'0"	5'0"	4'7"	4'11"	4'11"	4"
Reach at Level Lift Arm and Bucket Level	mm	2894	3055	3055	2965	3126	3126	277
	ft/in	9'5"	10'0"	10'0"	9'8"	10'3"	10'3"	10"
A† Digging Depth	mm	88	88	58	88	88	58	5
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"	0.2"
12† Overall Length	mm	8633	8805	8805	8704	8876	8876	372
	ft/in	28'4"	28'11"	28'11"	28'7"	29'2"	29'2"	1'3"
B † Overall Height with Bucket at Maximum Lift	mm	5847	5847	5847	5879	5879	5879	289
	ft/in	19'3"	19'3"	19'3"	19'4"	19'4"	19'4"	12"
Loader Clearance Circle Radius with Bucket	mm	6962	7048	7048	6984	7070	7070	154
at Carry Position	ft/in	22'10"	23'1"	23'1"	22'11"	23'2"	23'2"	6"
Static Tipping Load, Straight	kg	13 555	13 414	13 699	13 275	13 134	13 407	-630
(With Tire Deflection)*	1b	29,877	29,565	30,193	29,258	28,947	29,550	-1,389
Static Tipping Load, Straight	kg	14 299	14 156	14 448	14 002	13 860	14 139	-722
(No Tire Deflection)*	1b	31,516	31,201	31,845	30,861	30,547	31,162	-1,591
Static Tipping Load, Articulated	kg	11 594	11 452	11 718	11 342	11 201	11 456	-611
(With Tire Deflection)*	1b	25,553	25,241	25,828	24,998	24,687	25,250	-1,348
Static Tipping Load, Articulated	kg	12 359	12 216	12 488	12 091	11 948	12 209	-694
(No Tire Deflection)*	1b	27,239	26,924	27,524	26,649	26,335	26,909	-1,530
Breakout Force	kN	180	179	195	170	169	184	-1
	1bf	40,547	40,311	43,810	38,410	38,174	41,351	-320
Operating Weight*	kg	20 287	20 395	20 238	20 350	20 458	20 301	593
	1b	44,712	44,950	44,604	44,851	45,089	44,743	1,306

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, standard counterweight, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

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

(No Tire Deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

†Illustration shown with Dimension charts.

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

^{**}Maximum values.

Operating Specifications – Buckets

Linkage				Standard	l Linkage			
Bucket Type			Ge	neral Purp	ose – Hook	On		_
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	High Lift Linkage Change**
Capacity – Rated	m³	3.60	3.60	3.40	3.80	3.80	3.60	_
	yd³	4.71	4.71	4.45	4.97	4.97	4.71	
Capacity – Rated at 110% Fill Factor	m^3	3.96	3.96	3.74	4.18	4.18	3.96	_
	yd³	5.18	5.18	4.89	5.47	5.47	5.18	_
Width	mm	2927	2994	2994	2927	2994	2994	_
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	_
16 † Dump Clearance at Maximum Lift	mm	2970	2850	2850	2935	2815	2815	288
and 45° Discharge	ft/in	9'8"	9'4"	9'4"	9'7"	9'2"	9'2"	11"
17† Reach at Maximum Lift and 45° Discharge	mm	1473	1582	1582	1502	1611	1611	101
	ft/in	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"	4"
Reach at Level Lift Arm and Bucket Level	mm	2954	3115	3115	3000	3161	3161	277
	ft/in	9'8"	10'2"	10'2"	9'10"	10'4"	10'4"	10"
A† Digging Depth	mm	88	88	58	88	88	58	5
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"	0.2"
12† Overall Length	mm	8693	8865	8865	8739	8911	8911	372
	ft/in	28'7"	29'2"	29'2"	28'9"	29'3"	29'3"	1'3"
B † Overall Height with Bucket at Maximum Lift	mm	5881	5881	5881	5928	5928	5928	289
	ft/in	19'4"	19'4"	19'4"	19'6"	19'6"	19'6"	12"
Loader Clearance Circle Radius with Bucket	mm	6977	7064	7064	6991	7079	7079	154
at Carry Position	ft/in	22'11"	23'2"	23'2"	22'11"	23'3"	23'3"	6"
Static Tipping Load, Straight	kg	12 991	12 850	13 182	12 899	12 757	13 088	-630
(With Tire Deflection)*	1b	28,632	28,321	29,054	28,429	28,117	28,847	-1,389
Static Tipping Load, Straight	kg	13 724	13 582	13 926	13 634	13 490	13 834	-722
(No Tire Deflection)*	1b	30,248	29,935	30,693	30,049	29,734	30,490	-1,591
Static Tipping Load, Articulated	kg	11 058	10 917	11 231	10 971	10 829	11 142	-611
(With Tire Deflection)*	1b	24,373	24,062	24,753	24,181	23,869	24,558	-1,348
Static Tipping Load, Articulated	kg	11 813	11 671	11 996	11 728	11 585	11 909	-694
(No Tire Deflection)*	1b	26,036	25,722	26,439	25,849	25,533	26,248	-1,530
Breakout Force	kN	172	171	185	166	165	179	-1
	1bf	38,763	38,528	41,754	37,471	37,236	40,274	-320
Operating Weight*	kg	20 731	20 839	20 682	20 776	20 884	20 727	593
	1b	45,690	45,928	45,582	45,789	46,027	45,681	1,306

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, standard counterweight, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

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

(No Tire Deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

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

^{**}Maximum values.

[†]Illustration shown with Dimension charts.

Operating Specifications – Buckets – Aggregate Handler

Package			Aggregate Handler**	
Bucket Type			General Purpose – Pin-On	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m³	3.80	4.00	4.20
	yd³	4.97	5.23	5.49
Capacity – Rated at 110% Fill Factor	m^3	4.18	4.40	4.62
	yd^3	5.47	5.75	6.04
Width	mm	2994	2994	2994
	ft/in	9'9"	9'9"	9'9"
16† Dump Clearance at Maximum Lift	mm	2992	2962	2929
and 45° Discharge	ft/in	9'9"	9'8"	9'7"
17† Reach at Maximum Lift and 45° Discharge	mm	1440	1466	1496
	ft/in	4'8"	4'9"	4'10"
Reach at Level Lift Arm and Bucket Level	mm	2916	2956	3001
	ft/in	9'6"	9'8"	9'10"
A† Digging Depth	mm	88	88	88
	in	3.5"	3.5"	3.5"
12† Overall Length	mm	8694	8734	8779
	ft/in	28'7"	28'8"	28'10"
B † Overall Height with Bucket at Maximum Lift	mm	5897	5937	5984
	ft/in	19'5"	19'6"	19'8"
Loader Clearance Circle Radius with Bucket	mm	6999	7011	7025
at Carry Position	ft/in	23'0"	23'0"	23'1"
Static Tipping Load, Straight	kg	14 514	14 412	14 314
(With Tire Deflection)*	1b	31,989	31,764	31,548
Static Tipping Load, Straight	kg	15 338	15 237	15 141
(No Tire Deflection)*	1b	33,805	33,584	33,372
Static Tipping Load, Articulated	kg	12 359	12 262	12 170
(With Tire Deflection)*	1b	27,239	27,027	26,823
Static Tipping Load, Articulated	kg	13 211	13 116	13 026
(No Tire Deflection)*	1b	29,117	28,908	28,709
Breakout Force	kN	176	171	165
	1bf	39,704	38,496	37,233
Operating Weight*	kg	20 984	21 038	21 084
	1b	46,249	46,368	46,469

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, standard counterweight, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

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

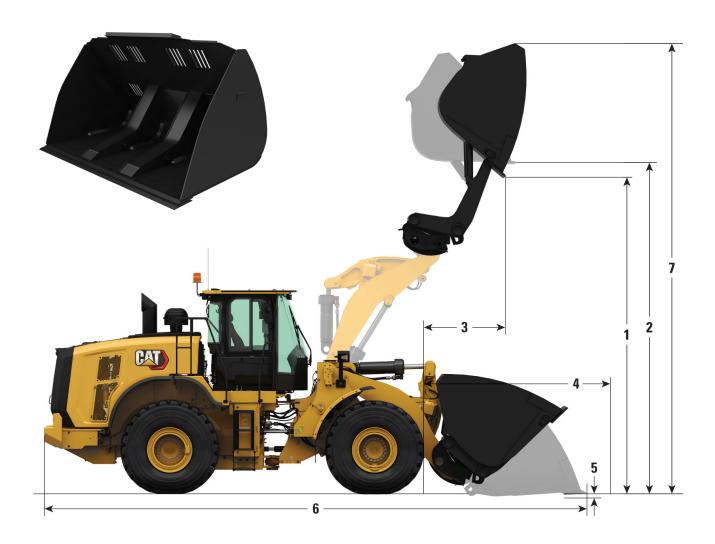
Other buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

^{**}Aggregate Handler configuration is not compatible with teeth and segments, tips, rock buckets, high lift, L5 tires.

[†]Illustration shown with Dimension charts.

Light Material High Dump Buckets

All dimensions are approximate.



Bucket Key Features

- High Dump bucket increases dump height 2.1 m (7'0") for largest size available on 962M
- High capacity available in Pin-On, Fusion, or VCE coupler interface
- Ideal for low density and free flowing materials like wood chips and pellets
- Narrow tilt frame provides excellent cutting edge rigidity
- Adjustable windows provide a variety of configurations depending on the material being moved
- Requires 3rd valve hydraulics

Operating Specifications - Light Material High Dump Bucket - Standard Counterweight 962M Standard **Package** Fusion™ VCE-ISO Pin-On **Bucket Type** Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On **Cutting Cutting Cutting** Cutting Cutting Cutting Cutting **Cutting Cutting Edges Edges Edges Edge Type Edges Edges Edges Edges Edges Edges** 6.10 7.60 9.20 6.10 7.60 9.20 6.10 7.60 9.20 Capacity - Rated m^3 yd^3 8.00 10.00 12.00 8.00 10.00 12.00 8.00 10.00 12.00 Capacity - Rated at m^3 6.70 8.40 10.10 6.70 8.40 10.10 6.70 8.40 10.10 110% Fill Factor yd^3 8.75 11.00 13.25 8.75 11.00 8.75 11.00 13.25 13.25 Width 3037 3037 3350 3350 3350 3350 3037 3350 3350 mm ft/in (9'11")(10' 11'')(10' 11'')(9'11")(10' 11'')(10' 11'')(9'11")(10' 11'')(10' 11'')Dump Clearance at Max Lift, 4702 4629 4487 4754 4683 4540 4766 4695 4553 mm Max Rack, Bucket Rolled out 14'10" 14'2" 14'10" 14'4" ft/in 14'8" 15'1" 15'1" 14'10" 14'5" to 45° Discharge Clearance at Max Lift, mm 5130 5130 5130 5183 5183 5183 5190 5190 5190 Max Rack, Bucket Rolled ft/in 16'3" 16'3" 16'3" 16'5" 16'5" 16'5" 16'6" 16'6" 16'6" out to Level Reach at Max Lift, Max Rack, 1892 1821 2033 1929 1938 1864 2070 1866 2078 mm Bucket Rolled out to 5'11" 6'2" 6'8" 6'1" 6'4" 6'9" 6'1" 6'4" 6'9" ft/in 45° Discharge Reach at Level Lift Arm 3470 3570 3770 3535 3635 3835 3550 3850 mm 3650 and Bucket Level 11'0" 11'4" 12'0" 11'3" 11'7" 12'3" 11'3" 11'7" 12'3" ft/in Digging Depth 57 57 57 57 57 58 58 mm 57 58 ft/in 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" Overall Length 9208 9308 9508 9273 9373 9573 9288 9388 9588 mm 29'9" ft/in 29'2" 29'6" 30'2" 29'5" 29'9" 30'5" 29'5" 30'5" Overall Height with Bucket at 7261 mm 7005 7044 7196 7058 7097 7249 7070 7109 Max Height and Max Rack 22'7" 22'9" 22'5" 22'6" 23'0" 22'9" 23'3" 22'8" 23'3" ft/in Loader Clearance Circle Radius 7319 7052 7221 7289 7073 7243 7313 7077 7248 mm with Bucket at Carry Position 23'2" 23'8" 23'11" 23'2" 23'9" 24'0" 23'3" 23'9" 24'0" ft/in Static Tipping Load, Straight kg 11 738 11 415 11 070 11 084 10 766 10 431 11 189 10 869 10 534 (With Tire Deflection)* 21,249 20,586 19,917 19,889 19.235 18,584 20,159 19,502 18,848 1b Static Tipping Load, Straight kg 12 490 12 166 11 825 11 821 11 502 11 170 11 923 11 602 11 269 (No Tire Deflection)* 21,902 1b 22,563 21,240 21,179 20,526 19,881 21,446 20,789 20,141 Static Tipping Load, Articulated kg 9878 9566 9242 9252 8945 8630 9363 9055 8739 (With Tire Deflection)* 17,109 16,474 16,440 15,806 16,083 1b 17,752 15,188 16,721 15,463 Static Tipping Load, Articulated kg 10 644 10 332 10 011 10 003 9696 9384 10 111 9803 9490 (No Tire Deflection)* 1b 19,106 18,465 17,837 17,771 17,137 16,525 18,048 17,411 16,796 **Breakout Force** 127 121 kN119 106 114 102 120 113 101 1bf 24,747 20,598 22,141 21,913 23,123 23,678 19,766 23,430 19,569 Operating Weight* 21 336 21 565 21 738 21 902 22 132 22 304 21 681 21 911 22 084 kg 48,027 1b 46,273 46,778 47,159 47,520 48,406 47,033 47,540 47,922

(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.

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, standard counterweight, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

D. d						OB # A				
Package					96	2M Auxilia	ary			
Bucket Type			Pin-On			Fusion			VCE-ISO	
Edge Type		Bolt-On Cutting Edges								
Capacity – Rated	m ³	6.10	7.60	9.20	6.10	7.60	9.20	6.10	7.60	9.20
oup wood,	yd³	8.00	10.00	12.00	8.00	10.00	12.00	8.00	10.00	12.00
Capacity – Rated at	m ³	6.70	8.40	10.10	6.70	8.40	10.10	6.70	8.40	10.10
110% Fill Factor	yd^3	8.75	11.00	13.25	8.75	11.00	13.25	8.75	11.00	13.25
Width	mm	3037	3350	3350	3037	3350	3350	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"	9'11"	10'11"	10'11"	9'11"	10'11"	10'11"
1 Dump Clearance at Max Lift,	mm	4702	4629	4487	4754	4683	4540	4766	4695	4553
Max Rack, Bucket Rolled out to 45° Discharge	ft/in	14'10"	14'8"	14'2"	15'1"	14'10"	14'4"	15'1"	14'10"	14'5"
2 Clearance at Max Lift,	mm	5130	5130	5130	5183	5183	5183	5190	5190	5190
Max Rack, Bucket Rolled out to Level	ft/in	16'3"	16'3"	16'3"	16'5"	16'5"	16'5"	16'6"	16'6"	16'6"
3 Reach at Max Lift, Max Rack,	mm	1821	1892	2033	1864	1929	2070	1866	1938	2078
Bucket Rolled out to 45° Discharge	ft/in	5'11"	6'2"	6'8"	6'1"	6'4"	6'9"	6'1"	6'4"	6'9"
4 Reach at Level Lift Arm	mm	3470	3570	3770	3535	3635	3835	3550	3650	3850
and Bucket Level	ft/in	11'0"	11'4"	12'0"	11'3"	11'7"	12'3"	11'3"	11'7"	12'3"
5 Digging Depth	mm	57	57	57	57	57	57	58	58	58
	ft/in	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"
6 Overall Length	mm	9247	9347	9547	9312	9412	9612	9327	9427	9627
	ft/in	29'2"	29'6"	30'2"	29'5"	29'9"	30'5"	29'5"	29'9"	30'5"
7 Overall Height with Bucket at	mm	7005	7044	7196	7058	7097	7249	7070	7109	7261
Max Height and Max Rack	ft/in	22'5"	22'6"	23'0"	22'7"	22'9"	23'3"	22'8"	22'9"	23'3"
Loader Clearance Circle Radius	mm	7052	7221	7289	7073	7243	7313	7077	7248	7319
with Bucket at Carry Position	ft/in	23'2"	23'8"	23'11"	23'2"	23'9"	24'0"	23'3"	23'9"	24'0"
Static Tipping Load, Straight	kg	12 781	12 450	12 092	12 111	11 785	11 438	12 213	11 885	11 537
(With Tire Deflection)*	1b	21,249	20,586	19,917	19,889	19,235	18,584	20,159	19,502	18,848
Static Tipping Load, Straight	kg	13 613	13 282	12 928	12 926	12 601	12 256	13 024	12 696	12 352
(No Tire Deflection)*	1b	22,563	21,902	21,240	21,179	20,526	19,881	21,446	20,789	20,141
Static Tipping Load, Articulated	kg	10 738	10 419	10 084	10 098	9785	9460	10 207	9892	9566
(With Tire Deflection)*	1b	17,752	17,109	16,474	16,440	15,806	15,188	16,721	16,083	15,463
Static Tipping Load, Articulated	kg	11 589	11 271	10 940	10 934	10 621	10 299	11 039	10 724	10 401
(No Tire Deflection)*	lb	19,106	18,465	17,837	17,771	17,137	16,525	18,048	17,411	16,796
Breakout Force	kN	127	119	106	121	114	102	120	113	101
	lbf	24,747	23,123	20,598	23,678	22,141	19,766	23,430	21,913	19,569
Operating Weight*	kg	21 905	22 134	22 307	22 471	22 701	22 873	22 250	22 480	22 653
	lb	46,273	46,778	47,159	47,520	48,027	48,406	47,033	47,540	47,922

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, auxiliary counterweight, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

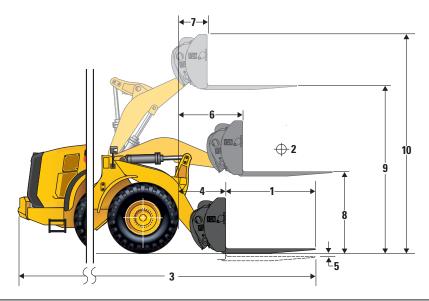
(With Tire Deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No Tire Deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

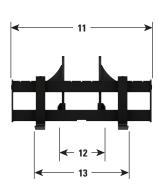
Operating Specifications – Light Material High Dump Bucket – High Lift Linkage 962M High Lift **Package** VCE-ISO Pin-On **Bucket Type Fusion** Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On Bolt-On **Cutting Cutting Cutting** Cutting Cutting Cutting Cutting **Cutting Cutting Edges Edges Edges Edge Type Edges Edges Edges Edges Edges Edges** 6.10 7.60 9.20 6.10 7.60 9.20 6.10 7.60 9.20 Capacity - Rated m^3 yd^3 8.00 10.00 12.00 8.00 10.00 12.00 8.00 10.00 12.00 Capacity - Rated at m^3 6.70 8.40 10.10 6.70 8.40 10.10 6.70 8.40 10.10 110% Fill Factor yd^3 8.75 11.00 13.25 8.75 11.00 11.00 13.25 13.25 8.75 Width 3037 3350 3350 3037 3350 3350 3037 3350 3350 mm ft/in 9'11" 10'11" 10'11" 9'11" 10'11" 10'11" 9'11" 10'11" 10'11" Dump Clearance at Max Lift, 5005 4934 4792 5059 4988 4846 5072 5001 4859 mm Max Rack, Bucket Rolled out 14'2" 14'4" 14'10" ft/in 14'10" 14'8" 15'1" 14'10" 15'1" 14'5" to 45° Discharge Clearance at Max Lift, mm 5432 5432 5432 5486 5486 5486 5499 5499 5499 Max Rack, Bucket Rolled ft/in 16'3" 16'3" 16'3" 16'5" 16'5" 16'5" 16'6" 16'6" 16'6" out to Level Reach at Max Lift, Max Rack, 1855 1924 2060 1892 1960 1901 1969 2096 2105 mm Bucket Rolled out to 5'11" 6'2" 6'8" 6'1" 6'4" 6'9" 6'1" 6'4" 6'9" ft/in 45° Discharge Reach at Level Lift Arm 3747 3847 4047 3812 3912 4112 3827 3927 4127 mm and Bucket Level 11'0" 11'4" 12'0" 11'3" 11'7" 12'3" 11'7" 12'3" ft/in 11'3" Digging Depth 63 63 63 mm 63 63 63 63 63 63 ft/in 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" 2'3" Overall Length 9580 9680 9880 9645 9745 9945 9660 9760 9960 mm 29'9" 29'9" ft/in 29'2" 29'6" 30'2" 29'5" 30'5" 29'5" 30'5" Overall Height with Bucket at mm 7309 7348 7500 7363 7402 7554 7375 7414 7566 Max Height and Max Rack 22'9" 22'5" 23'0" 22'7" 22'9" 23'3" 22'8" 23'3" ft/in 22'6" Loader Clearance Circle Radius 7219 7387 7458 7231 7399 7471 7225 7393 7464 mm with Bucket at Carry Position 23'8" 24'3" 24'6" 23'9" 24'3" 24'6" 23'8" 24'3" 24'6" ft/in Static Tipping Load, Straight 11 215 10 903 10 580 10 576 10 269 9955 10 693 10 384 10 069 kg (With Tire Deflection)* 21,249 20,586 19,917 19,889 19.235 18,584 20,159 19,502 18,848 1b Static Tipping Load, Straight kg 11 881 11 570 11 251 11 230 10 924 10 613 11 346 11 037 10 725 (No Tire Deflection)* 1b 22,563 21,902 21,240 21,179 20,526 19,881 21,446 20,789 20,141 Static Tipping Load, Articulated kg 9362 9061 8756 8749 8452 8156 8872 8573 8276 (With Tire Deflection)* 17,752 17,109 16,474 16,440 15,806 16,083 1b 15,188 16,721 15,463 Static Tipping Load, Articulated kg 10 052 9751 9451 9426 9130 8837 9547 9249 8955 (No Tire Deflection)* 1b 19,106 18,465 17,837 17,771 17,137 16,525 18,048 17,411 16,796 **Breakout Force** 101 kN126 118 105 120 113 119 112 100 1bf 24,747 20,598 22,141 21,913 23,123 23,678 19,766 23,430 19,569 Operating Weight* 21 929 22 158 22 331 22 495 22 725 22 897 22 274 22 504 22 677 kg 48,027 1b 46,273 46,778 47,159 47,520 48,406 47,033 47,540 47,922

(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.

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, auxiliary counterweight, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

Pallet and Construction Forks – ITA



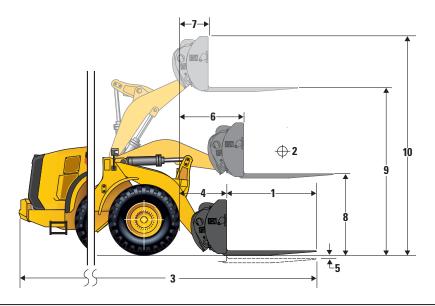


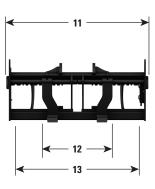
	Pallet Fork - Fusion			
	60"]	Tines	72" 1	Tines
	mm	ft' in"	mm	ft' in"
1 Fork Tine Length	1524	5'0"	1830	6'0"
2 Load Center	762	2'6"	915	3'0"
3 Overall Length	9187	30'2"	9493	31'2"
4 Reach at Ground	1360	4'6"	1360	4'6"
5 Dig Depth	-80	-3.2	-80	-3.2
6 Reach with Level Arm	1843	6'1"	1843	6'1"
7 Reach at Full Lift	965	3'2"	965	3'2"
8 Clearance with Level Arm	1785	5'10"	1785	5'10"
9 Clearance at Full Lift	3936	13'0"	3936	13'0"
10 Overall Height	4159	13'8"	4159	13'8"
11 Carriage Width	2217	7'3"	2217	7'3"
12 Minimum Fork Spacing	470	1'7"	470	1'7"
13 Maximum Fork Spacing	2070	6'9"	2070	6'9"
Tine Width	150	6"	150	6"
Tine Thickness	65	3"	65	3"
	kg	lb	kg	lb
Load Capacity (per pair)	6300	13,892	5246	11,567
Tipping Load – Straight*	10 437	23,014	9948	21,935
Tipping Load – Full Turn*	8995	19,834	8566	18,888
Operating Weight	19 847	43,763	19 894	43,866
Rated Load % of Full Turn Tip:				
50% of Tip**	4497	9,916	4283	9,444
60% of Tip (rough terrain)	5397	11,900	5140	11,334
80% of Tip (firm and level)	7196	15,867	6853	15,111

^{*}ISO 14397-1:2007

^{**}SAE J1197 -50% of full turn static tipping load or hydraulic limit.

Pallet and Construction Forks – 96" Construction Fork



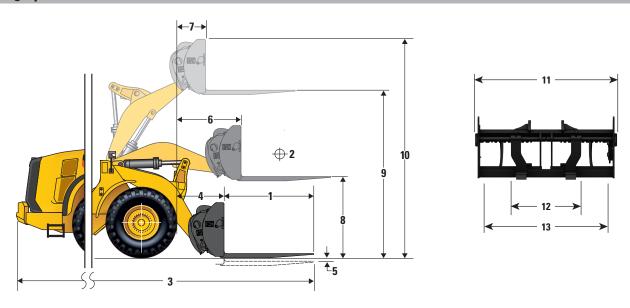


		Construc	ction Fork	- Fusion						
	48" 7	ines	60" 7	Tines	72" 1	Tines	84" 1	Tines	96" 1	ines
	mm	ft' in"	mm	ft' in"	mm	ft' in"	mm	ft' in"	mm	ft' in"
1 Fork Tine Length	1220	4'0"	1524	5'0"	1830	6'0"	2134	7'0"	2438	8'0"
2 Load Center	610	2'0"	762	2'6"	915	3'0"	1067	3'6"	1220	4'0"
3 Overall Length	8840	29'0"	9144	30'0"	9449	31'0"	9754	32'0"	10 059	33'0"
4 Reach at Ground	1316	4'4"	1317	4'4"	1317	4'4"	1317	4'4"	1317	4'4"
5 Dig Depth	24	1"	24	1"	24	1"	24	1"	24	1"
6 Reach with Level Arm	1836	6'0"	1836	6'0"	1836	6'0"	1836	6'0"	1836	6'0"
7 Reach at Full Lift	957	3'2"	957	3'2"	957	3'2"	957	3'2"	957	3'2"
8 Clearance with Level Arm	1890	6'2"	1889	6'2"	1889	6'2"	1889	6'2"	1889	6'2"
9 Clearance at Full Lift	4042	13'3"	4041	13'3"	4041	13'3"	4041	13'3"	4041	13'3"
10 Overall Height	5082	16'8"	5081	16'8"	5081	16'8"	5081	16'8"	5081	16'8"
11 Carriage Width	2825	9'3"	2528	8'4"	2528	8'4"	2528	8'4"	2528	8'4"
12 Minimum Fork Spacing	590	1'11"	576	1'11"	576	1'11"	576	1'11"	576	1'11"
13 Maximum Fork Spacing	2493	8'2"	2178	7'2"	2178	7'2"	2178	7'2"	2178	7'2"
Tine Width	180	7"	180	7"	180	7"	180	7"	180	7"
Tine Thickness	90	4"	90	4"	90	4"	90	4"	90	4"
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb
Load Capacity (per pair)	22 200	48,951	17 800	39,249	14 800	32,634	12 700	28,004	11 300	24,917
Tipping Load – Straight*	10 665	23,516	10 165	22,414	9669	21,320	9207	20,301	8780	19,360
Tipping Load – Full Turn*	9152	20,180	8716	19,219	8282	18,262	7877	17,369	7501	16,540
Operating Weight	20 209	44,561	20 221	44,587	20 283	44,724	20 346	44,863	20 408	45,000
Rated Load % of Full Turn Tip:										
50% of Tip**	4576	10,090	4358	9,609	4141	9,131	3938	8,683	3751	8,271
60% of Tip (rough terrain)	5491	12,108	5230	11,532	4969	10,957	4726	10,421	4501	9,925
80% of Tip (firm and level)	7321	16,143	6973	15,375	6626	14,610	6302	13,896	6001	13,232

^{*}ISO 14397-1:2007

^{**}SAE J1197 $-\,50\%$ of full turn static tipping load or hydraulic limit.

Operating Specifications – 108" Construction Fork

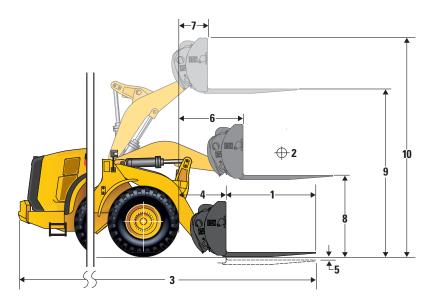


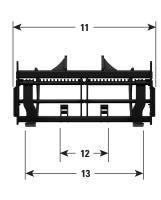
		Construc	ction Fork	- Fusion						
	48" 1	Tines	60" 1	Tines	72 " 1	Tines	84" 1	Tines	96" 1	Tines
	mm	ft' in"	mm	ft' in"	mm	ft' in"	mm	ft' in"	mm	ft' in"
1 Fork Tine Length	1220	4'0"	1524	5'0"	1830	6'0"	2134	7'0"	2438	8'0"
2 Load Center	610	2'0"	762	2'6"	915	3'0"	1067	3'6"	1220	4'0"
3 Overall Length	8838	29'0"	9144	30'0"	9449	31'0"	9754	32'0"	10 058	33'0"
4 Reach at Ground	1316	4'4"	1316	4'4"	1316	4'4"	1316	4'4"	1316	4'4"
5 Dig Depth	25	1"	25	1"	25	1"	25	1"	25	1"
6 Reach with Level Arm	1835	6'0"	1835	6'0"	1835	6'0"	1835	6'0"	1835	6'0"
7 Reach at Full Lift	957	3'2"	957	3'2"	957	3'2"	957	3'2"	957	3'2"
8 Clearance with Level Arm	1890	6'2"	1890	6'2"	1890	6'2"	1890	6'2"	1890	6'2"
9 Clearance at Full Lift	4042	13'3"	4042	13'3"	4042	13'3"	4042	13'3"	4042	13'3"
10 Overall Height	5082	16'8"	5082	16'8"	5082	16'8"	5082	16'8"	5082	16'8"
11 Carriage Width	2833	9'4"	2833	9'4"	2833	9'4"	2833	9'4"	2833	9'4"
12 Minimum Fork Spacing	590	1'11"	590	1'11"	590	1'11"	590	1'11"	590	1'11"
13 Maximum Fork Spacing	2493	8'2"	2493	8'2"	2493	8'2"	2493	8'2"	2493	8'2"
Tine Width	180	7"	180	7"	180	7"	180	7"	180	7"
Tine Thickness	90	4"	90	4"	90	4"	90	4"	90	4"
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb
Load Capacity (per pair)	22 200	48,951	17 800	39,249	14 800	32,634	12 700	28,004	11 300	24,917
Tipping Load – Straight*	10 665	23,516	10 165	22,414	9669	21,320	9207	20,301	8780	19,360
Tipping Load – Full Turn*	9152	20,180	8716	19,219	8282	18,262	7877	17,369	7501	16,540
Operating Weight	20 209	44,561	20 221	44,587	20 283	44,724	20 346	44,863	20 408	45,000
Rated Load % of Full Turn Tip:										
50% of Tip**	4576	10,090	4358	9,609	4141	9,131	3938	8,683	3751	8,271
60% of Tip (rough terrain)	5491	12,108	5230	11,532	4969	10,957	4726	10,421	4501	9,925
80% of Tip (firm and level)	7321	16,143	6973	15,375	6626	14,610	6302	13,896	6001	13,232

^{*}ISO 14397-1:2007

^{**}SAE J1197 $-\,50\%$ of full turn static tipping load or hydraulic limit.

Operating Specifications – 87" Carriage Pallet Fork





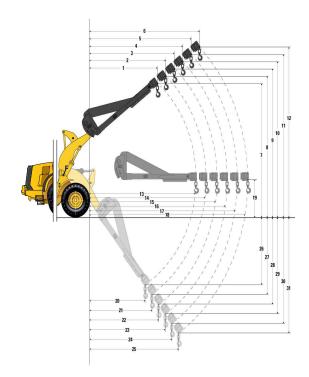
	Pallet Fo	ork – Fusion				
	48" 7	Tines	60"	Tines	72" 1	Tines
	mm	ft' in"	mm	ft' in"	mm	ft' in"
1 Fork Tine Length	1220	4'0"	1524	5'0"	1830	6'0"
2 Load Center	610	2'0"	762	2'6"	915	3'0"
3 Overall Length	8760	28'9"	9065	29'9"	9369	30'9"
4 Reach at Ground	1238	4'1"	1238	4'1"	1238	4'1"
5 Dig Depth	-63	-2.5"	-63	-2.5"	-63	-2.5"
6 Reach with Level Arm	1732	5'8"	1732	5'8"	1732	5'8"
7 Reach at Full Lift	853	2'10"	548	2'10"	853	2'10"
8 Clearance with Level Arm	1802	5'11"	1802	5'11"	1802	5'11"
9 Clearance at Full Lift	3954	12'12"	3954	12'12"	3954	12'12"
10 Overall Height	5022	16'6"	5022	16'6"	5022	16'6"
11 Carriage Width	2235	7'4"	2235	7'4"	2235	7'4"
12 Minimum Fork Spacing	385	1'3"	385	1'3"	385	1'3"
13 Maximum Fork Spacing	1947	6'5"	1947	6'5"	1947	6'5"
Tine Width	150	6"	150	6"	150	6"
Tine Thickness	65	3"	65	3"	65	3"
	kg	lb	kg	lb	kg	lb
Load Capacity (per pair)	8800	19,404	6590	14,531	5850	12,899
Tipping Load – Straight*	11 446	25,238	10 886	24,004	10 373	22,872
Tipping Load – Full Turn*	9883	21,792	9396	20,718	8948	19,730
Operating Weight	19 695	43,427	19 733	43,511	19 770	43,593
Rated Load % of Full Turn Tip:						
50% of Tip**	4942	10,897	4698	10,359	4474	9,865
60% of Tip (rough terrain)	5930	13,076	5637	12,430	5369	11,839
80% of Tip (firm and level)	7907	17,435	7516	16,573	7158	15,783

^{*}ISO 14397-1:2007

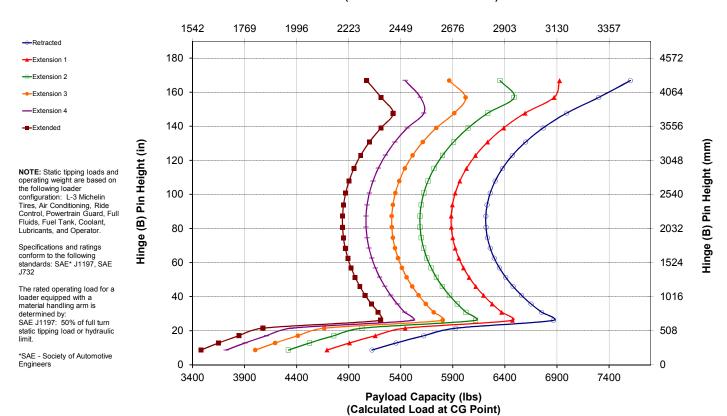
^{**}SAE J1197 $-\,50\%$ of full turn static tipping load or hydraulic limit.

Material Handling Arm – Standard Fusion

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
May Life Heal Deach (4.2.2.4.5.6)	mm	2,374	2,527	2,680	2,833	2,986	3,139
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	ft, in	7' 9"	8' 3"	8' 9"	9' 3"	9' 9"	10' 3"
	mm	6,970	7,233	7,497	7,760	8,024	8,287
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 7"	25' 5"	26' 3"	27' 2"
Level Heal Beach (40, 44, 45, 40, 47, 40)	mm	4,692	4,997	5,301	5,606	5,911	6,216
Level - Hook Reach (13, 14, 15, 16, 17, 18)	ft, in	15' 4"	16' 4"	17' 4"	18' 4"	19' 4"	20' 4"
Level Healthairt (40)	mm	1,854	1,854	1,854	1,854	1,854	1,854
Level - Hook Height (19)	ft, in	6' 1"	6' 1"	6' 1"	6' 1"	6' 1"	6' 1"
M. 1.7. 11 1 D 1 100 04 00 00 04 05	mm	2,499	2,677	2,855	3,032	3,210	3,388
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"
Mir. 196. Heady Height (00, 07, 00, 00, 00, 04)	mm	(2,590)	(2,838)	(3,086)	(3,333)	(3,581)	(3,829)
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 6"	-9' 8"	-10' 10"	-10' 0"	-11' 3"	-12' 5"
Obelia Timping Lond Observat	kg	6,551	6,200	5,885	5,599	5,339	5,102
Static Tipping Load, Straight	lb	14,438	13,666	12,971	12,341	11,768	11,244
	kg	5,659	5,355	5,082	4,834	4,609	4,403
Static Tipping Load, Articulated	lb	12,472	11,803	11,201	10,655	10,158	9,704
	kg	19,509	19,509	19,509	19,509	19,509	19,509
Operating Weight	lb	42,998	42,998	42,998	42,998	42,998	42,998

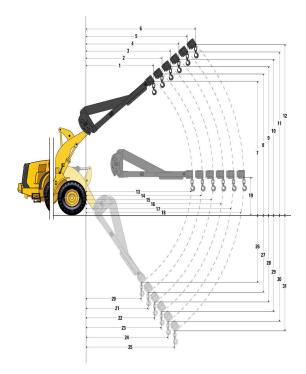


Payload Capacity (kg) (Calculated Load at CG Point)

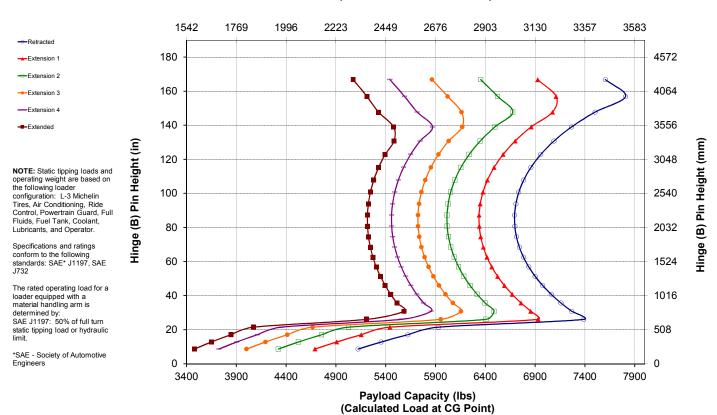


Material Handling Arm – Aggregate Fusion

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	mm	2,374	2,527	2,680	2,833	2,986	3,139
Wax Lift - Hook Reach (1, 2, 3, 4, 5, 0)	ft, in	7' 9"	8' 3"	8' 9"	9' 3"	9' 9"	10' 3"
May 1:6: Healt Height /7:0:0:40:44:42)	mm	6,970	7,233	7,497	7,760	8,024	8,287
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 7"	25' 5"	26' 3"	27' 2"
Level Heek Deceb (42, 44, 45, 46, 47, 40)	mm	4,692	4,997	5,301	5,606	5,911	6,216
Level - Hook Reach (13, 14, 15, 16, 17, 18)	ft, in	15' 4"	16' 4"	17' 4"	18' 4"	19' 4"	20' 4"
Level - Hook Height (19)	mm	1,854	1,854	1,854	1,854	1,854	1,854
Level - Hook Height (19)	ft, in	6' 1"	6' 1"	6' 1"	6' 1"	6' 1"	6' 1"
Min Lift Linet Deach (20, 24, 22, 23, 24, 25)	mm	2,499	2,677	2,855	3,032	3,210	3,388
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	mm	(2,590)	(2,838)	(3,086)	(3,333)	(3,581)	(3,829)
Mill Lilt - Hook Height (26, 27, 26, 29, 30, 31)	ft, in	-8' 6"	-9' 8"	-10' 10"	-10' 0"	-11' 3"	-12' 5"
Chatia Timping Load Chraight	kg	7,076	6,698	6,358	6,050	5,770	5,514
Static Tipping Load, Straight	lb	15,595	14,763	14,014	13,335	12,717	12,152
Obelia Timping Land Artifolds and	kg	6,096	5,770	5,477	5,211	4,968	4,747
Static Tipping Load, Articulated	lb	13,437	12,718	12,071	11,484	10,950	10,462
Operating Weight	kg	20,078	20,078	20,078	20,078	20,078	20,078
Operating Weight	lb	44,252	44,252	44,252	44,252	44,252	44,252

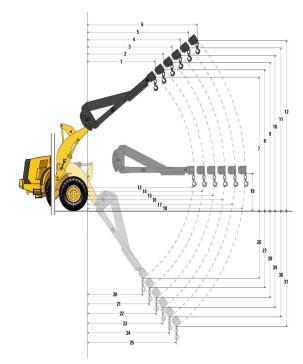


Payload Capacity (kg) (Calculated Load at CG Point)



Material Handling Arm – High Lift Fusion

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
March 19, 11 at 1 December (4, 0, 0, 4, 5, 0)	mm	2,454	2,605	2,755	2,906	3,056	3,207
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	ft, in	8' 0"	8' 6"	9' 0"	9' 6"	10' 0"	10' 6"
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	mm	7,285	7,550	7,815	8,080	8,345	8,610
Wax Lint - 1100K Height (7, 0, 9, 10, 11, 12)	ft, in	23' 10"	24' 9"	25' 7"	26' 6"	27' 4"	28' 2"
Level - Hook Reach (13, 14, 15, 16, 17, 18)	mm	4,979	5,284	5,589	5,894	6,198	6,503
Level - Hook Reacti (13, 14, 13, 10, 17, 10)	ft, in	16' 4"	17' 4"	18' 4"	19' 4"	20' 4"	21' 4"
Level - Hook Height (19)	mm	1,854	1,854	1,854	1,854	1,854	1,854
Level - Hook Height (19)	ft, in	6' 0.9"	6' 0.9"	6' 0.9"	6' 0.9"	6' 0.9"	6' 0.9"
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	mm	2,806	2,981	3,155	3,330	3,504	3,679
MIII LIII - HOOK REACH (20, 21, 22, 23, 24, 25)	ft, in	9' 2"	9' 9"	10' 4"	10' 11"	11' 5"	12' 0"
Min 126 - Haveland (00, 07, 00, 00, 00, 04)	mm	(2,626)	(2,876)	(3,126)	(3,376)	(3,626)	(3,876)
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 4"	-9' 6"	-10' 8"	-11' 11"	-11' 1"	-12' 3"
Ctatic Tinning Load Ctraight	kg	6,578	6,243	5,939	5,663	5,411	5,180
Static Tipping Load, Straight	lb	14,497	13,759	13,090	12,482	11,926	11,416
Static Tipping Load, Articulated	kg	5,649	5,360	5,099	4,861	4,644	4,444
	lb	12,450	11,814	11,238	10,714	10,235	9,795
Operating Weight	kg	20,145	20,145	20,145	20,145	20,145	20,145
	lb	44,399	44,399	44,399	44,399	44,399	44,399



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



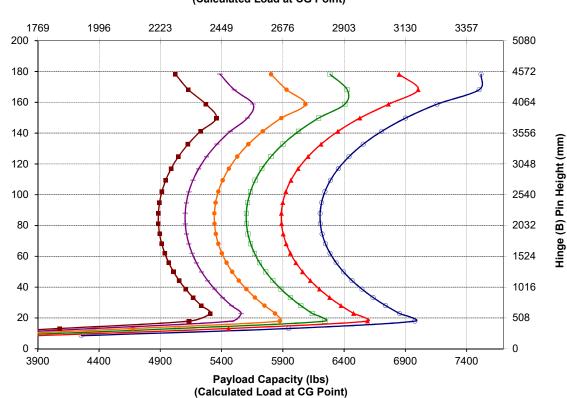
NOTE: Static tipping loads and perating weight are based on he following loader configuration: L-3 Michelin Fires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Hinge (B) Pin Height (in)

Specifications and ratings conform to the following standards: SAE* J1197, SAE 1732

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

SAE - Society of Automotive Engineers



962M Wheel Loader Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
OWER TRAIN		
Axles, ecology drains	✓	
Axles, manually actuated differential lock front axle, open differential rear axle	✓	
Axles – automatic front/rear differential locks, axle oil cooler, extreme temperature seals, seal guards		✓
Brake wear indicators	✓	
Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS)	✓	
Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF) and Diesel Exhaust Fluid (DEF) tank and pump (Tier 4 Final/Stage V models)	✓	
Economy mode (selectable)	✓	
Engine, Cat C7.1 – Tier 3/ Stage IIIA equivalent or Tier 4 Final/ Stage V	✓	
Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand	✓	
Fan, VPF (variable pitch fan), automatic and manual control		✓
Fuel priming pump (electric)	✓	
Fuel/water separator	✓	
Parking brake, disc and caliper	✓	
Precleaner, engine air intake	✓	
Radiator, high debris with wider fin spacing		✓
Switch, transmission neutralizer lockout	✓	
Torque converter, locking clutch with free wheel stator	✓	
Transmission, automatic countershaft power shift (5F/3R)	✓	
CAT TECHNOLOGY		
Detect technologies: Rear vision camera	✓	
Cat rear object detection		✓
Link technologies: Product Link VIMS TM	✓	√
Payload technologies: Cat Production Measurement 2.0, Printer, Aggregate Autodig		√
Machine security system		✓

	Standard	Optiona
PERATOR ENVIRONMENT	Junuaru	Sparona
Air conditioner, heater, and defroster	✓	
(auto temp and fan)	v	
Beverage holders (2) with storage compartment for cell phone/MP3 player	✓	
Bucket/work tool function lockout	✓	
Cab access ladders and handrails	✓	
Cab air filter	✓	
Cab, pressurized and sound suppressed (ROPS/FOPS)	✓	
Cab tie-off	✓	
Coat hook (2)	✓	
Cover, HVAC metallic		✓
Door, remote opening system		✓
EH controls, SAL (single axis lever) lift and tilt function	✓	
EH controls, joystick lift and tilt – additional integrated roller switches for 3 rd and 4 th functions		✓
EH controls, SAL 3 rd function – additional roller switch for 4 th function		✓
EH parking brake	✓	
Filter, carbon fresh air		✓
Full time rear vision display Work Area Vision System (WAVS)		✓
Horn, electric	✓	
Light, two dome (cab)	✓	
Mirrors, heated rearview external with integrated spot mirrors		✓
Mirrors, rearview external with integrated spot mirrors	✓	
Multi-function 18 cm (7 in) color LCD touchscreen display for rear vision camera image display (reverse travel activated) and machine status, setting and health parameter	√	
Post mounted membrane 16 switch keypad	✓	
Precleaner, HVAC		✓
Precleaner, HVAC (RESPA)		✓
Radio, AM/FM/USB/MP3 Bluetooth®		✓
Radio, AM/FM/CD/USB/MP3 Bluetooth		✓
Radio, AM/FM/CD/USB/MP3 Bluetooth with Satellite Sirius and XM		✓
Radio, CB ready		✓
Radio ready (entertainment) includes antenna, speakers and converter (12V, 10-amp)	✓	
Receptacles (2), 12V	✓	

(continued on next page)

962M Wheel Loader Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional
OPERATOR ENVIRONMENT (continued)		
Roof, metallic		✓
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		√
Seat belt, 51 mm (2 in) retractable, with indicator	✓	
Seat belt, 76 mm (3 in) retractable, with indicator		✓
Steering, EH joystick, speed sensing with force feedback	✓	
Steering, secondary		✓
Steering, steering wheel	✓	
Sun visor, front	✓	
Sun visor, rear		✓
Viscous mounts	✓	
Wet-arm wipers/washers front and rear, intermittent front wiper	✓	
Windows, rubber mounted		✓
Window, sliding (left and right sides)	✓	
Windows, with front guard		✓
Windows, with full guards front,		✓
rear and sides		
ELECTRICAL AND LIGHTING		
Alarm, back-up	√	
Alternator, 145-amp brushed	✓	
Auxiliary halogen cab-mounted work lights (four additional) or		√
Auxiliary front HI LED (two additional)		\checkmark
and two additional auxiliary rear LED cab mounted work lights with two LED		
work lights in the radiator grill and		
LED front turn signals. Also includes		
replacement of the standard four halogen		
cab-mounted work lights with four LED work lights (the standard offering and		
only roading light available is the halogen		
roading light)		
Batteries (2), maintenance free 1,400 CCA	✓	
External seat belt indicator light		√
Ignition key; start/stop switch	✓	
Lighting system: four halogen work lights (cab mounted); two LED stop, turn, tail lights; two halogen roading lights (with signals); two halogen rear vision lights (hood mounted)	√	

	Standard	Optional
ELECTRICAL AND LIGHTING (continued)		
Main disconnect switch	✓	
Receptacle start (cables not included)	✓	
Reversing strobes		✓
Starter, electric, heavy duty	✓	
Starting and charging system (24V)	✓	
Warning amber strobe beacon		✓
FLUIDS		
Premixed extended life coolant with freeze protection to -34°C (-29°F)	✓	
Premixed extended life coolant with freeze protection to -50°C (-58°F)		✓
HYDRAULICS		
Couplings, Cat C-ring face seal	✓	
Hoses, Cat XT TM	✓	
Hydraulic oil cooler (swing out)	✓	
Hydraulic system, load sensing	✓	
Oil sampling valves	✓	
3 rd function with Ride Control – standard		✓
linkage, high lift linkage, forestry linkage		
4th function with Ride Control – standard linkage, high lift linkage, forestry linkage		✓
Remote diagnostic pressure taps	✓	
Ride control, 2V	✓	
Steering, load sensing	✓	
LINKAGE		
Autolube		✓
Extended capacity		✓
Forestry		✓
High lift		✓
Kickout, lift and tilt, automatic (adjustable in cab)	✓	
Quick coupler ready		✓
Z-bar, cast crosstube/tilt lever	✓	
STARTERS, BATTERIES, AND ALTERNATORS		
Cold start – 120V		✓
Cold start – 240V		✓
WORK TOOLS		
Forks, logging		✓
Forks, pallet		✓
Fusion quick coupler		✓
Material handling arms		✓
Performance Series buckets		✓
Snow products		✓
VCE quick coupler		✓

(continued on next page)

962M Wheel Loader Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
COMPUTERIZED MONITORING SYSTEM			OTHER STANDARD AND OPTIONAL EQUIPME	NT	
With following gauges:	✓		Auto idle shutdown	✓	
Speedometer/tachometer			Cat Autolube System		✓
Digital gear range indicator			Cold weather package: transmission filter		√
(Tier 4 Final/Stage V models) Temperature: engine coolant, hydraulic		bypass, fan pump bypass, jacket water or engine block heater, ether aid ready			
oil, transmission oil Fuel level			Ecology drains for engine, transmission, and hydraulics	✓	
	✓		Fenders, front with mud-flap/rear with extension	✓	
Temperature: axle oil, engine intake			Fenders, roading		✓
manifold Pressure: engine oil, fuel pressure			Filters: fuel, engine air, engine oil, hydraulic oil, transmission	✓	
hi/low, primary steering oil, service brake oil			Fuel cooler	✓	
Battery voltage hi/low			Grease zerks	✓	
Engine air filter restriction			Grill, airborne debris	✓	
Hydraulic oil filter restriction			Guard, power train		✓
Hydraulic oil low Parking brake			Hitch, drawbar with pin	✓	
DEF low level (Tier 4 Final/			Hood, non-metallic power tilting	✓	
Stage V models)			Platform, window washing		✓
Transmission filter bypass			Precleaner, turbine		✓
			Precleaner, trash		✓
			Precleaner rain cap	✓	
			Service centers (electrical and hydraulic)	✓	
			Sight gauges: engine coolant, hydraulic oil, and transmission oil level	✓	
			Toolbox	✓	
			Vandalism protection caplocks	✓	
			OTHER CONFIGURATIONS		
			Aggregate handler		✓
			Corrosion resistance		✓
			Industrial and waste handler		✓

Forestry



962M Industrial & Waste

In the harsh scrap, waste, and recycling environment, your operation requires a wheel loader to process material as efficiently and safely as possible with minimal downtime.

Durability

- Robotically welded frame design provides rigid structures that absorb torsional loads.
- M Series articulating hitch design provides increased bearing force capacity.
- Heavy-duty transmissions and axles are designed to handle extreme conditions inherent with scrap handling applications.

Achieve Greater Productivity

- Lock-up clutch transmission matches the engine power to increase fuel efficiency while delivering optimal performance.
- Easy-to-load Performance Series buckets improve material retention and reduce dig times, significantly improving productivity and fuel efficiency.
- Optional Cat Fusion quick coupler and 3rd/4th valve hydraulic functions allow for greater work tool and jobsite versatility.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Standard and optional traction aids increase traction, diminish tire wear, and further reduce operating costs.
- Optional high lift linkage offers increased hinge pin height for improved stacking capability as well as easier load out of high side trucks and containers.
- Cat payload technologies provide accurate weighing* of the materials you are loading and hauling. Payload data is displayed in real-time to improve productivity and reduce overloading.

*Optional configurations and equipment may vary from region to region and require conformance to Caterpillar payload policy. Consult your dealer or Caterpillar representative for details. Not legal for trade.

Safety Features

- Cab access with wide door and stair-like steps adds solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear vision camera provide industry-leading all-around visibility.
- Rear vision camera enhances visibility behind the machine, helping you work safely and confidently.

Easy, Comfortable Operator Environment

- Sound-suppression, seals, and viscous cab mounts decrease noise and vibration for a guieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy.
- Ergonomic controls are easy to use, intuitive, and user-friendly.
- Touchscreen multi-function color display keeps operators focused.
- Inclined steps and convenient grab handles ease accessibility to the operating space.

Reduced Maintenance Time and Costs

- One-piece tilting hood makes engine access fast and easy.
- Electrical service centers enhance convenience and accessibility.
- Easy access to fuel fill and daily maintenance points means less servicing time is required.
- Extended service intervals, including:
- Engine oil and engine oil filter change interval up to 1,000 hours
- Hydraulic filter change interval up to 1,000 hours
- Transmission oil change interval up to 2,000 hours
- Remote flash support.
- Longer tire life with on-the-go traction aids.
- Optional integrated Cat autolube system provides full lube system monitoring and diagnostic test visibility.

Engine – (Tier 3/Stage IIIA e	quivalent)¹	
Engine Model	Cat C7.1	
Maximum Power (2,000 rpm)		
SAE J1995	196 kW	263 hp
ISO 14396	195 kW	261 hp
ISO 14396 (metric)		265 hp
Maximum Net Power (2,000 rpm)		
SAE J1349	185 kW	248 hp
ISO 9249	185 kW	248 hp
ISO 9249 (metric)		252 hp
Peak Gross Torque (1,400 rpm)		
SAE J1995	1053 N·m	777 lbf-ft
Maximum Net Torque (1,400 rpm)		
SAE J1349	984 N·m	726 lbf-ft
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in ³

- 1 Meets Brazil MAR-1 and UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- The power ratings apply at the stated speed when tested under the reference conditions for the specified standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- The gross power advertised is with the fan at maximum speed.

Engine – (Tier 4 Final/Stage V) ²			
Engine Model	Cat C7.1		
Maximum Power (2,100 rpm)			
SAE J1995	202 kW	271 hp	
ISO 14396	201 kW	269 hp	
ISO 14396 (metric)		273 hp	
Maximum Net Power (2,100 rpm)			
SAE J1349	186 kW	250 hp	
ISO 9249	186 kW	250 hp	
ISO 9249 (metric)		253 hp	
Peak Gross Torque (1,350 rpm)			
SAE J1995	1249 N·m	921 lbf-ft	
Maximum Net Torque (1,350 rpm)			
SAE J1349	1172 N·m	865 lbf-ft	
Bore	105 mm	4.13 in	
Stroke	135 mm	5.31 in	
Displacement	7.01 L	428 in ³	

- 2 Meets either U.S. EPA Tier 4 Final or EU Stage V, Japan 2014, and Korea Tier 4 Final emission standards depending on region.
- The power ratings apply at the stated speed when tested under the reference conditions for the specified standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- The gross power advertised is with the fan at maximum speed.

Transmission		
Forward 1	6.9 km/h	4.3 mph
Forward 2	12.0 km/h	7.5 mph
Forward 3	19.3 km/h	12.0 mph
Forward 4	25.7 km/h	16.0 mph
Forward 5	39.5 km/h	24.5 mph
Reverse 1	6.9 km/h	4.3 mph
Reverse 2	12.0 km/h	7.5 mph
Reverse 3	25.7 km/h	16.0 mph

• Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 787 mm (31 in) roll radius.

Hydraulic System		
Implement Pump Type	Variable axial	piston
Implement System		
Maximum Pump Output (2,150 rpm)	286 L/min	76 gal/min
Maximum Operating Pressure	29 300 kPa	4,250 psi
Optional 3 rd /4 th Function Maximum Flow	240 L/min	63 gal/min
Optional 3 rd /4 th Function Maximum Pressure	21 780 kPa	3,159 psi
Hydraulic Cycle Time with Rated Payload		
Raise from Carry Position	5.2	Sec.
Dump, at Maximum Raise	1.5	Sec.
Lower, Empty, Float Down	2.7	Sec.
Total	9.4	Sec.

Brakes	
Brakes	Brakes meet ISO 3450:2011
Diakes	standards

Axles	
Front	Fixed
Rear	Oscillating ±13 degrees
Maximum Single-Wheel Rise and Fall	496 mm 1.6 ft

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

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.

Operator Sound Pressure Level (ISO 6396:2008)	
Tier 3/Stage IIIA Equivalent	72 dB(A)*
Tier 4 Final/Stage V	70 dB(A)*
Exterior Sound Power Level (ISO 6395:2008)	107 dB(A)*
Exterior Sound Pressure Level (SAE J88:2013)	75 dB(A)**

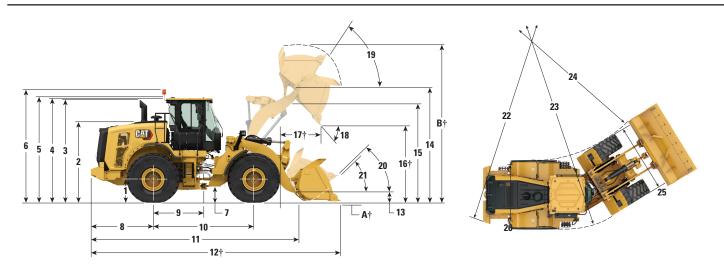
- *For a typical machine configuration, measured according to the procedures specified with the cooling fan speed set at maximum value.
- **For a typical machine configuration, measured according to the procedures specified. The measurement was conducted under the following conditions: distance of 15 m (49.2 ft), moving forward in second gear ratio with the cooling fan speed set at maximum value.

Service Refill Capacities						
Fuel Tank	275 L	72.6 gal				
DEF Tank*	16 L	4.2 gal				
Cooling System	59 L	15.6 gal				
Crankcase	22 L	5.8 gal				
Transmission	43 L	11.4 gal				
Differentials and Final Drives – Front	43 L	11.4 gal				
Differentials and Final Drives – Rear	43 L	11.4 gal				
Hydraulic Tank	125 L	33.0 gal				

^{*}Must meet the requirements outlined in ISO 22241-1 for Tier 4 Final/ Stage V models.

Waste Handler Dimensions

All dimensions are approximate.



		Standa	Standard Lift		Lift
1	Height to Axle Centerline	798 mm	2'7"	798 mm	2'7"
2	Height to Top of Hood	2745 mm	9'0"	2745 mm	9'0"
3	Height to Top of Exhaust Pipe	3462 mm	11'4"	3462 mm	11'4"
4	Height to Top of ROPS	3498 mm	11'6"	3498 mm	11'6"
5	Height to Top of Product Link Antenna	3704 mm	12'2"	3704 mm	12'2"
6	Height to Top of Warning Beacon	3798 mm	12'6"	3798 mm	12'6"
7	Ground Clearance	415 mm	1'4"	415 mm	1'4"
8	Center Line of Rear Axle to Edge of Counterweight	2147 mm	7'1"	2186 mm	7'2"
9	Center Line of Rear Axle to Hitch	1675 mm	5'6"	1675 mm	5'6"
10	Wheelbase	3350 mm	11'0"	3350 mm	11'0"
11	Overall Length (without bucket)	7222 mm	23'9"	7559 mm	24'10"
12	Shipping Length (with bucket level on ground)*†	8947 mm	29'5"	9284 mm	30'6"
13	Hinge Pin Height at Carry Height	720 mm	2'4"	830 mm	2'9"
14	Hinge Pin Height at Maximum Lift	4286 mm	14'1"	4575 mm	15'0"
15	Lift Arm Clearance at Maximum Lift	3528 mm	11'6"	3682 mm	12'0"
16	Dump Clearance at Maximum Lift and 45° Discharge*†	2735 mm	8'11"	3024 mm	9'11"
17	Reach at Maximum Lift and 45° Discharge*†	1619 mm	5'3"	1720 mm	5'7"
18	Dump Angle at Maximum Lift and Dump (on stops)*	45 deg	grees	43 deg	grees
19	Rack Back at Maximum Lift*	59 deg	grees	59 deg	grees
20	Rack Back at Carry Height*	49 deg	grees	49 deg	grees
21	Rack Back at Ground*	37 deg	grees	37 deg	grees
22	Turning Radius to Counterweight	6186 mm	20'4"	6186 mm	20'4"
23	Turning Radius to Outside of Tires	5989 mm	19'8"	5989 mm	19'8"
24	Turning Radius to Inside of Tires	3215 mm	10'7"	3215 mm	10'7"
25	Width over Tires – Maximum (unloaded)	2753 mm	9'1"	2753 mm	9'1"
	Width over Tires – Maximum (loaded)	2760 mm	9'1"	2760 mm	9'1"
26	Tread Width	2140 mm	7'0"	2140 mm	7'0"

^{*}With 6.1 m³ (8.0 yd³) pin-on waste bucket with steel bolt-on cutting edges (see Operating Specifications for other Buckets) and rear guard counterweight. †Dimensions are listed in Operating Specification charts.

All height and tire related dimensions are with Brawler 23.5-25 HPS Solidflex Smooth tires (see Tire Option charts for other tires).

[&]quot;Width over Tires" dimensions are over the bulge and include growth.

Tire Options for Scrap and Waste						
Tire Brand	Brawler HPS	Brawler HPS	Michelin	Bridgestone	Yokohama	Titan
Tire Size	23.5-25	23.5-25	23.5R25	23.5R25	23.5R25	23.5R25
Tread Type	_	_	L-3	L-3	L-3	L-3
	Solidflex	Solidflex				
Tread Pattern	Smooth	Traction	XHA2	VJT	RB31	MXL
Width over Tires – Maximum (empty)*	2753 mm	2753 mm	2821 mm	2809 mm	2589 mm	2815 mm
	9'0"	9'0"	9'3"	9'3"	8'6"	9'3"
Width over Tires – Maximum (loaded)*	2760 mm	2760 mm	2824 mm	2832 mm	2636 mm	2834 mm
	9'1"	9'1"	9'3"	9'3"	8'8"	9'4"
Change in Vertical Dimensions	0 mm	0 mm	-54 mm	-59 mm	-56 mm	-32 mm
(average of front and rear)	0"	0"	-2"	-2"	-2"	-1"
Change in Horizontal Reach	0 mm	0 mm	9 mm	15 mm	15 mm	-5 mm
	0"	0"	0"	1"	1"	0"
Change in Clearance Circle (radius) to Outside of Tires	0 mm	0 mm	64.2 mm	72.9 mm	-123.5 mm	75 mm
	0"	0"	3"	3"	-5"	3"
Change in Clearance Circle (radius) to Inside of Tires	0 mm	0 mm	-64 mm	-73 mm	123 mm	-75 mm
	0"	0"	-3"	-3"	5"	-3"
Change in Operating Weight (without Ballast)	0 kg	-145 kg	-3376 kg	-3208 kg	-3105 kg	-3365 kg
	0 lb	-320 lb	-7,443 lb	−7,072 lb	−6,845 lb	−7,419 lb
Change in Static Tipping Load – Straight	0 kg	-92 kg	-2018 kg	-2031 kg	-1965 kg	-2130 kg
	0 lb	-203 lb	-4,449 lb	-4,478 lb	-4,332 lb	-4,696 lb
Change in Static Tipping Load – Articulated	0 kg	-80 kg	-1759 kg	-1770 kg	-1713 kg	-1856 kg
	0 lb	−176 lb	−3,878 lb	−3,902 lb	−3,777 lb	-4,092 lb

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

Operating Specifications – Waste Buckets









Waste Load & Carry Bucket

Waste Dozing Bucket

Waste Tamp & Clamp Bucket

Grapple Bucket

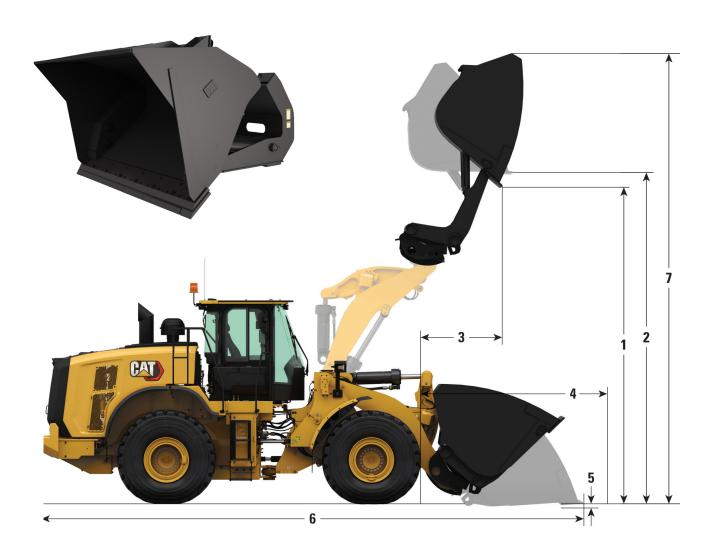
Bucket Type		Pin-On Load & Carry	Pin-On Dozing	Pin-On Tamp & Clamp	Pin-On Grapple	Fusion/ Dozing	Fusion/ Grapple	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	High Lift Delta*
Capacity – Rated	m^3	6.10	5.20	4.40	4.60	5.20	4.60	_
	yd^3	8.00	6.75	5.75	6.00	6.75	6.00	_
Capacity – Rated at 110% Fill Factor	m^3	6.70	5.70	4.80	5.10	5.70	5.10	_
	yd^3	875	7.50	6.25	6.75	7.50	6.75	_
Width	mm	3059	3059	3059	3059	3032	3059	_
	ft/in	10'0"	10'0"	10'0"	10'0"	9'11"	10'0"	
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	2735	3071	2517	2788	3001	2780	289
	ft/in	8'11"	10'0"	8'3"	9'1"	9'10"	9'1"	11"
17† Reach at Maximum Lift and 45° Discharge	mm	1619	1283	1825	1662	1353	1672	102
	ft/in	5'3"	4'2"	5'11"	5'5"	4'5"	5'5"	4"
Reach at Level Lift Arm and Bucket Level	mm	3272	2797	3572	3255	2896	3268	277
	ft/in	10'8"	9'2"	11'8"	10'8"	9'6"	10'8"	10"
12† Overall Length	mm	8781	8306	9087	8764	8405	8777	503
	ft/in	28'10"	27'3"	29'10"	28'10"	27'7"	28'10"	1'7"
A† Overall Height with Bucket at Maximum Lift	mm	6200	6379	5539	6224	6365	6287	289
	ft/in	20'5"	21'0"	18'3"	20'6"	20'11"	20'8"	11"
Loader Clearance Circle Radius with Bucket	mm	7000	6850	7104	6994	6864	6996	168
at Carry Position	ft/in	23'0"	22'6"	23'4"	23'0"	22'7"	23'0"	6"
Static Tipping Load, Straight (Rigid Tire)	kg	13 195	14 971	11 503	12 709	13 987	12 318	1545
	1b	29,082	32,997	25,353	28,011	30,828	27,149	3,405
Static Tipping Load, Articulated (Rigid Tire)	kg	11 415	13 031	9811	10 956	12 096	10 570	1388
	1b	25,519	28,720	21,625	24,147	26,661	23,296	3,059
Breakout Force	kN	142	205	116	134	175	132	0
	1bf	32,074	46,265	26,273	30,128	39,509	29,880	0
Operating Weight	kg	23 099	22 768	24 166	23 472	23 343	23 946	24
	1b	50,909	50,179	53,260	51,731	51,448	52,777	52

[†]Illustration shown with Dimension charts.

Static tipping loads and operating weights shown are based on machine configuration with Brawler HPS Solidflex Smooth tires, full fluids, operator, standard lift linkage, standard Waste Arrangement guarding, front window guard, rear guard counterweight, light guards, auto diff lock axles (front/rear) and two valve hydraulics.

^{*}Maximum values.

Waste High Dump Bucket



Bucket Key Features

- High Dump bucket increases dump height 2.2 m (7'4") for largest size available on 962M
- Designed for waste transfer and recycling depots
- Wide bucket tilt cylinders enable material to flow easily with minimal carry back
- Four-piece steel cutting edge
- Requires 3rd valve hydraulics

Package Standard					
Bucket Type		Fus			
Edge Type		Bolt-On Cutting Edges			
Capacity – Rated	m^3	4.60	6.10		
	yd^3	6.00	8.00		
Capacity – Rated at 110% Fill Factor	m^3	5.10	6.70		
	yd^3	6.75	8.75		
Width	mm	2910	2910		
	ft/in	9'7"	9'7"		
1 Dump Clearance at Max Lift, Max Rack, Bucket Rolled out to 45° Discharge	mm	4818	4780		
	ft/in	15'9"	15'8"		
Clearance at Max Lift, Max Rack, Bucket Rolled out to Level	mm	5157	5157		
	ft/in	16'11"	16'11"		
Reach at Max Lift, Max Rack, Bucket Rolled out to 45° Discharge	mm	1812	1863		
	ft/in	5'11"	6'1"		
4 Reach at Level Lift Arm and Bucket Level	mm	3332	3393		
	ft/in	10'11"	11'1"		
5 Digging Depth	mm	103	103		
	ft/in	4"	4"		
6 Overall Length	mm	9052	9112		
	ft/in	29'9"	29'11"		
7 Overall Height with Bucket at Max Height and Max Rack	mm	6753	7036		
	ft/in	22'1"	23'1"		
Loader Clearance Circle Radius with Bucket at Carry Position	mm	6978	6998		
	ft/in	22'11"	23'0"		
Static Tipping Load, Straight (Rigid Tire)	kg	11 803	11 853		
	lb	26,014	26,125		
Static Tipping Load, Articulated (Rigid Tire)	kg	10 108	10 136		
	1b	22,278	22,340		
Breakout Force	kN	130	125		
	lbf	29,310	22,340		
Operating Weight*	kg	23 310	23 972		
	lb	52,579	52,834		

^{*}Static tipping loads and operating weights shown are based on machine configuration with Brawler HPS Solidflex Smooth tires, full fluids, operator, standard lift linkage, standard Waste Arrangement guarding, front window guard, rear guard counterweight, light guards and auto diff lock axles (front/rear).

Scrap Bucket Chart





Pa	ckage	962M Scrap								
Bu	icket Type		F	Pin-On Gen	eral Purpos	se	F	usion Gen	eral Purpos	е
Ed	де Туре			Bolt-On Cutting Edges				Bolt-On Cutting Edges		
	Capacity – Rated	m³ yd³	3.1 4.00	3.4 4.50	3.6 4.75	3.8 5.00	3.1 4.00	3.4 4.50	3.6 4.75	3.8 5.00
	Capacity – Rated at 110% Fill Factor	m³ yd³	3.4 4.50	3.7 4.75	4.0 5.25	4.2 5.50	3.4 4.50	3.7 4.75	4.0 5.25	4.2 5.50
	Width	mm ft/in	2927 9' 7"	2927 9' 7"	2927 9' 7"	2927 9' 7"	2927 9' 7"	2927 9' 7"	2927 9' 7"	2927 9' 7"
16	Dump Clearance at Maximum Lift and 45° Discharge	mm ft/in	3145 10' 3"	3088 10' 1"	3062 10' 0"	3027 9' 11"	3105 10' 2"	3048 10' 0"	3022 9' 10"	2987 9' 9"
17	Reach at Maximum Lift and 45° Discharge	mm ft/in	1354 4' 5"	1397 4' 7"	1419 4' 7"	1448 4' 9"	1399 4' 7"	1442 4' 8"	1464 4' 9"	1493 4' 10"
	Reach at Level Lift Arm and Bucket Level	mm ft/in	2777 9' 1"	2850 9' 4"	2885 9' 5"	2931 9' 7"	2837 9' 3"	2910 9' 6"	2945 9' 7"	2991 9' 9"
	Digging Depth	mm ft/in	36 1.4"	36 1.4"	36 1.4"	36 1.4"	36 1.4"	36 1.4"	36 1.4"	36 1.4"
12	Overall Length	mm ft/in	8448 27' 9"	8521 27' 12"	8556 28' 1"	8602 28' 3"	8508 27' 11"	8581 28' 2"	8616 28' 4"	8662 28' 6"
Α	Overall Height with Bucket at Maximum Lift	mm ft/in	5794 19' 1"	5865 19' 3"	5899 19' 5"	5946 19' 7"	5827 19' 2"	5899 19' 5"	5933 19' 6"	5980 19' 8"
	Loader Clearance Circle Radius with Bucket at Carry Position	mm ft/in	6783 22' 4"	6805 22' 4"	6816 22' 5"	6830 22' 5"	6797 22' 4"	6820 22' 5"	6831 22' 5"	6846 22' 6"
	Static Tipping Load, Straight (Rigid Tire)	kg lb	14 699 32,397	14 528 32,020	14 454 31,857	14 349 31,627	14 084 31,042	13 945 30,736	13 876 30,584	13 786 30,384
	Static Tipping Load, Articulated (Rigid Tire)	kg lb	12 828 28,273	12 665 27,914	12 595 27,759	12 496 27,541	12 242 26,981	12 110 26,692	12 045 26,549	11 960 26,360
	Breakout Force	kN lbf	196 44,178	185 41,618	180 40,491	173 39,086	187 42,071	176 39,745	172 38,709	166 37,419
	Operating Weight*	kg lb	22 349 49,257	22 443 49,463	22 479 49,543	22 534 49,664	22 819 50,293	22 889 50,447	22 923 50,522	22 968 50,621

^{*}Static tipping loads and operating weights shown are based on machine configuration with Brawler HPS Solidflex Smooth tires, full fluids, operator, standard lift linkage, standard Waste Arrangement guarding, front window guard, rear guard counterweight, light guards, auto diff lock axles (front/rear), and two valve hydraulics.

Standard and Optional Equipment

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

	Standard	Optional
POWER TRAIN		•
Axles, ecology drains	✓	
Axles, manually actuated differential lock front axle, open differential rear axle	√	
Axles – automatic front/rear differential locks, axle oil cooler, extreme temperature seals, seal guards		✓
Brake wear indicators	✓	
Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS)	✓	
Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF) and Diesel Exhaust Fluid (DEF) tank and pump (Tier 4 Final/Stage V models)	✓	
Economy mode (selectable)	✓	
Engine, Cat C7.1 – Tier 3/ Stage IIIA equivalent or Tier 4 Final/ Stage V	✓	
Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand	✓	
Fan, VPF (variable pitch fan), automatic and manual control		√
Fuel priming pump (electric)	✓	
Fuel/water separator	✓	
Parking brake, disc and caliper	✓	
Precleaner, engine air intake	✓	
Radiator, high debris with wider fin spacing		✓
Switch, transmission neutralizer lockout	✓	
Torque converter, locking clutch with free wheel stator	✓	
Transmission, automatic countershaft power shift (5F/3R)	✓	
CAT TECHNOLOGY		
Detect technologies: Rear vision camera Cat rear object detection	√	√
Link technologies: Product Link VIMS	✓	<u>√</u>
Payload technologies: Cat Production Measurement 2.0, Printer, Aggregate Autodig		✓
Machine security system		✓

	Standard	Optiona
PERATOR ENVIRONMENT	Junuaru	Sparona
Air conditioner, heater, and defroster	✓	
(auto temp and fan)	v	
Beverage holders (2) with storage compartment for cell phone/MP3 player	✓	
Bucket/work tool function lockout	✓	
Cab access ladders and handrails	✓	
Cab air filter	✓	
Cab, pressurized and sound suppressed (ROPS/FOPS)	✓	
Cab tie-off	✓	
Coat hook (2)	✓	
Cover, HVAC metallic		✓
Door, remote opening system		✓
EH controls, SAL (single axis lever) lift and tilt function	✓	
EH controls, joystick lift and tilt – additional integrated roller switches for 3 rd and 4 th functions		✓
EH controls, SAL 3 rd function – additional roller switch for 4 th function		✓
EH parking brake	✓	
Filter, carbon fresh air		✓
Full time rear vision display Work Area Vision System (WAVS)		✓
Horn, electric	✓	
Light, two dome (cab)	✓	
Mirrors, heated rearview external with integrated spot mirrors		✓
Mirrors, rearview external with integrated spot mirrors	✓	
Multi-function 18 cm (7 in) color LCD touchscreen display for rear vision camera image display (reverse travel activated) and machine status, setting and health parameter	√	
Post mounted membrane 16 switch keypad	✓	
Precleaner, HVAC		✓
Precleaner, HVAC (RESPA)		✓
Radio, AM/FM/USB/MP3 Bluetooth®		✓
Radio, AM/FM/CD/USB/MP3 Bluetooth		✓
Radio, AM/FM/CD/USB/MP3 Bluetooth with Satellite Sirius and XM		✓
Radio, CB ready		✓
Radio ready (entertainment) includes antenna, speakers and converter (12V, 10-amp)	✓	
Receptacles (2), 12V	✓	

(continued on next page)

Standard and Optional Equipment (continued)

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

	Standard	Optional
OPERATOR ENVIRONMENT (continued)		
Roof, metallic		✓
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		✓
Seat belt, 51 mm (2 in) retractable, with indicator	✓	
Seat belt, 76 mm (3 in) retractable, with indicator		✓
Steering, EH joystick, speed sensing with force feedback	✓	
Steering, secondary		✓
Steering, steering wheel	✓	
Sun visor, front	✓	
Sun visor, rear		✓
Viscous mounts	✓	
Wet-arm wipers/washers front and rear, intermittent front wiper	✓	
Windows, rubber mounted		✓
Window, sliding (left and right sides)	✓	
Windows, with front guard		✓
Windows, with full guards front, rear and sides		✓
ELECTRICAL AND LIGHTING		
Alarm, back-up	✓	
Alternator, 145-amp brushed	✓	
Auxiliary halogen cab-mounted work lights (four additional) or		✓
Auxiliary front HI LED (two additional) and two additional auxiliary rear LED cab mounted work lights with two LED work lights in the radiator grill and LED front turn signals. Also includes replacement of the standard four halogen cab-mounted work lights with four LED work lights (the standard offering and only roading light available is the halogen roading light).		√
Batteries (2), maintenance free 1,400 CCA	√	
External seat belt indicator light		✓
Ignition key; start/stop switch	√	
Lighting system: four halogen work lights (cab mounted); two LED stop, turn, tail lights; two halogen roading lights (with signals); two halogen rear vision lights (hood mounted)	√	

ioi details.		
	Standard	Optional
ELECTRICAL AND LIGHTING (continued)		
Main disconnect switch	✓	
Receptacle start (cables not included)	✓	
Reversing strobes		✓
Starter, electric, heavy duty	✓	
Starting and charging system (24V)	✓	
Warning amber strobe beacon		✓
FLUIDS		
Premixed extended life coolant with freeze protection to -34°C (-29°F)	✓	
Premixed extended life coolant with freeze protection to -50°C (-58°F)		✓
HYDRAULICS		
Couplings, Cat C-ring face seal	✓	
Hoses, Cat XT	✓	
Hydraulic oil cooler (swing out)	✓	
Hydraulic system, load sensing	✓	
Oil sampling valves	✓	
3 rd function with Ride Control – standard linkage, high lift linkage, forestry linkage		✓
4 th function with Ride Control – standard linkage, high lift linkage, forestry linkage		✓
Remote diagnostic pressure taps	✓	
Ride control, 2V	✓	
Steering, load sensing	✓	
LINKAGE		
Autolube		✓
Extended capacity		✓
Forestry		✓
High lift		✓
Kickout, lift and tilt, automatic (adjustable in cab)	✓	
Quick coupler ready		✓
Z-bar, cast crosstube/tilt lever	✓	
STARTERS, BATTERIES, AND ALTERNATORS		
Cold start – 120V		✓
Cold start – 240V		✓
WORK TOOLS		
Forks, logging		✓
Forks, pallet		✓
Fusion quick coupler		✓
Material handling arms		✓
Performance Series buckets		✓
Snow products		✓
VCE quick coupler		✓

(continued on next page)

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
COMPUTERIZED MONITORING SYSTEM			OTHER STANDARD AND OPTIONAL EQUIPME	NT	
With following gauges: Speedometer/tachometer Digital gear range indicator Diesel Exhaust Fluid (DEF) level (Tier 4 Final/Stage V models) Temperature: engine coolant, hydraulic oil, transmission oil Fuel level	√		Auto idle shutdown	✓	
			Cat Autolube System		✓
			Cold weather package: transmission filter bypass, fan pump bypass, jacket water or engine block heater, ether aid ready		✓
			Ecology drains for engine, transmission, and hydraulics	✓	
With following warning indicators: Regeneration Temperature: axle oil, engine intake manifold Pressure: engine oil, fuel pressure hi/low, primary steering oil, service brake oil Battery voltage hi/low Engine air filter restriction Hydraulic oil filter restriction Hydraulic oil low Parking brake DEF low level (Tier 4 Final/ Stage V models) Transmission filter bypass	✓		Fenders, front with mud-flap/rear with extension	✓	
			Fenders, roading		✓
			Filters: fuel, engine air, engine oil, hydraulic oil, transmission	✓	
			Fuel cooler	✓	
			Grease zerks	✓	
			Grill, airborne debris	✓	
			Guard, power train		✓
			Hitch, drawbar with pin	✓	
			Hood, non-metallic power tilting	✓	
			Platform, window washing		✓
			Precleaner, turbine		✓
			Precleaner, trash		✓
			Precleaner rain cap	✓	
			Service centers (electrical and hydraulic)	✓	
			Sight gauges: engine coolant, hydraulic oil, and transmission oil level	✓	
			Toolbox	✓	
			Vandalism protection caplocks	✓	
			OTHER CONFIGURATIONS		
			Aggregate handler		✓
			Corrosion resistance		✓
			Industrial and waste handler		✓

Forestry

Standard and Optional Equipment (continued)

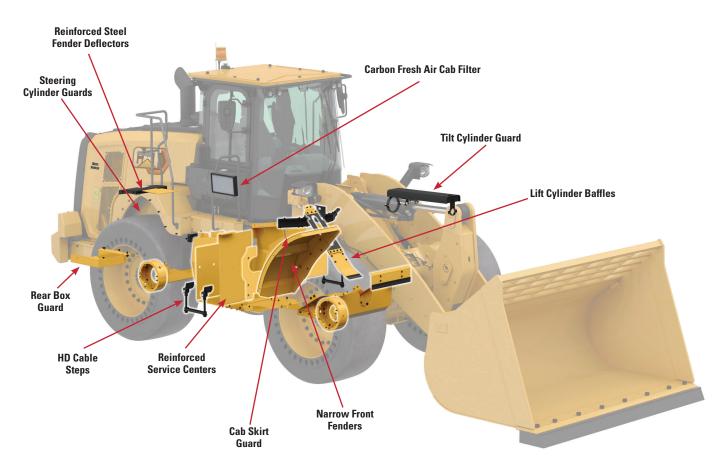
Standard

- · Axle seal guards
- · Steering cylinder guard
- · Crankcase guard
- · Power train guard
- · Tilt cylinder guard
- · Lower cab skirt
- · Rear box reinforcement
- Reinforced service centers
- · Heavy duty cable steps
- Lift cylinder baffles
- · Narrow front fenders
- Steel reinforced rear fender deflectors
- · Carbon fresh cab air filter
- · Locking differential front axle
- Sound suppression cab

Optional

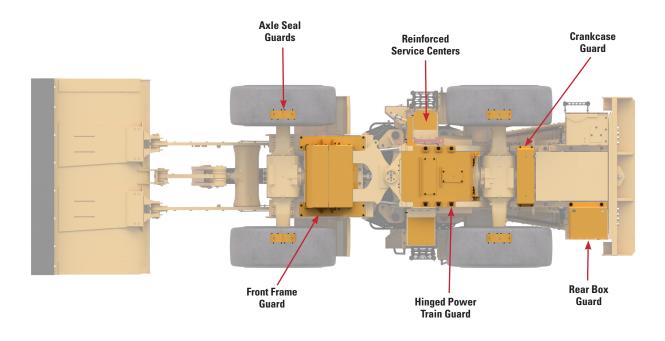
- High Lift linkage (additional 11" dump clearance)
- · Auto locking differential front axle
- 3rd function hydraulics
- · Premium LED lights
- · Rubber mounted glass
- · Windshield guard
- · Joystick steering
- Deluxe seat with dynamic end dampening
- · Joystick loader controls
- Powered and filtered cab precleaner
- High debris cooling coolers
- · Variable pitch fan
- Brawler HPS Solid tires (traction or smooth)
- Turbine engine air precleaner with trash screen
- Autolube
- Cat Integrated Object Detection
- · Light guards

Top Machine Guarding – Standard

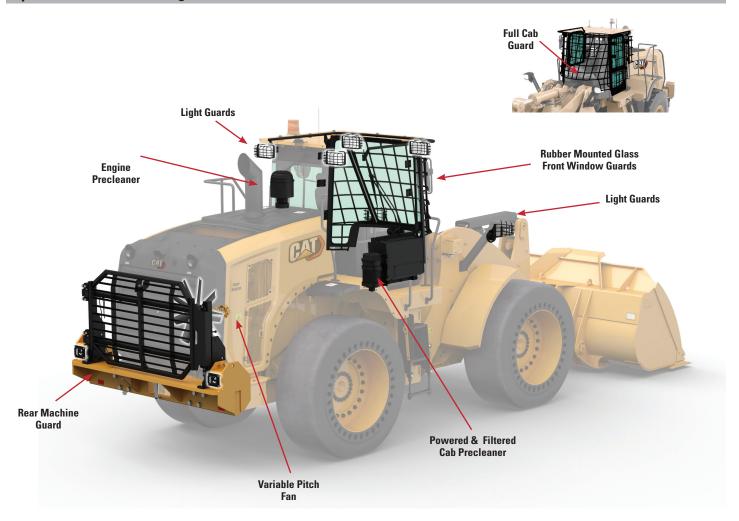


962M Industrial & Waste Standard and Optional Equipment

Bottom Machine Guarding – Standard



Optional Full Cab Guarding – Available





962M

Forestry

Millyard applications demand the additional performance, productivity, and safety that Cat Forestry Wheel Loaders deliver.

Durability

- Robotically welded frame design provides rigid structures that absorb torsional loads.
- M Series articulating hitch design provides increased bearing force capacity to handle heavy loads.
- Heavy-duty transmissions and axles are designed to handle steep grades and ramps.

Productivity

- Larger lift and tilt cylinders coupled with Logger counterweight increase machine capacity 9% over standard machine.
- Lock-up clutch transmission matches the engine power to increase fuel efficiency while delivering optimal performance.
- Optional Cat Fusion quick coupler and 3rd/4th valve hydraulic functions provide versatility between forks and buckets.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Standard manual locking front differential optimizes traction in all conditions. In partially paved yards, tire wear is minimized.

Safety

- Cab access with wide door and stair-like steps adds solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear vision camera provide industry-leading all-around visibility.
- Rear vision camera enhances visibility behind the machine, helping you work safely and confidently.

Operator Environment

- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- Optional seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy.
- Convenient door latch enables personnel to keep feet on the ground while opening the cab door.

Reduced Maintenance Time and Costs

- · Service centers enhance convenience and accessibility.
- Easy access to fuel fill and daily maintenance points means less servicing time is required.
- Extended service intervals, including:
 - Engine oil and engine oil filter change interval up to 1,000 hours
 - Hydraulic filter change interval up to 1,000 hours
 - Transmission oil change interval up to 2,000 hours
- Remote flash support.
- Optional integrated Cat autolube system provides full lube system monitoring and diagnostic test visibility.

Engine – (Tier 3/Stage IIIA e	quivalent)¹	
Engine Model	Cat C7.1	
Maximum Power (2,000 rpm)		
SAE J1995	196 kW	263 hp
ISO 14396	195 kW	261 hp
ISO 14396 (metric)		265 hp
Maximum Net Power (2,000 rpm)		
SAE J1349	185 kW	248 hp
ISO 9249	185 kW	248 hp
ISO 9249 (metric)		252 hp
Peak Gross Torque (1,400 rpm)		
SAE J1995	1053 N·m	777 lbf-ft
Maximum Net Torque (1,400 rpm)		
SAE J1349	984 N·m	726 lbf-ft
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in ³

- 1 Meets Brazil MAR-1 and UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- The power ratings apply at the stated speed when tested under the reference conditions for the specified standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- The gross power advertised is with the fan at maximum speed.

Engine – (Tier 4 Final/Stage \	/) ²	
Engine Model	Cat C7.1	
Maximum Power (2,100 rpm)		
SAE J1995	202 kW	271 hp
ISO 14396	201 kW	269 hp
ISO 14396 (metric)		273 hp
Maximum Net Power (2,100 rpm)		
SAE J1349	186 kW	250 hp
ISO 9249	186 kW	250 hp
ISO 9249 (metric)		253 hp
Peak Gross Torque (1,350 rpm)		
SAE J1995	1249 N·m	921 lbf-ft
Maximum Net Torque (1,350 rpm)		
SAE J1349	1172 N·m	865 lbf-ft
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in ³

- 2 Meets either U.S. EPA Tier 4 Final or EU Stage V, Japan 2014, and Korea Tier 4 Final emission standards depending on region.
- The power ratings apply at the stated speed when tested under the reference conditions for the specified standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.
- The gross power advertised is with the fan at maximum speed.

Transmission		
Forward 1	6.9 km/h	4.3 mph
Forward 2	12.0 km/h	7.5 mph
Forward 3	19.3 km/h	12.0 mph
Forward 4	25.7 km/h	16.0 mph
Forward 5	39.5 km/h	24.5 mph
Reverse 1	6.9 km/h	4.3 mph
Reverse 2	12.0 km/h	7.5 mph
Reverse 3	25.7 km/h	16.0 mph

• Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 787 mm (31 in) roll radius.

Hydraulic System		
Implement Pump Type	Variable axial	piston
Implement System		
Maximum Pump Output (2,150 rpm)	286 L/min	76 gal/min
Maximum Operating Pressure	29 300 kPa	4,250 psi
Optional 3 rd /4 th Function Maximum Flow	240 L/min	63 gal/min
Optional 3 rd /4 th Function Maximum Pressure	21 780 kPa	3,159 psi
Hydraulic Cycle Time with Rated Payload		
Raise from Carry Position	5.2	Sec.
Dump, at Maximum Raise	1.5 Sec.	
Lower, Empty, Float Down	2.7	Sec.
Total	9.4	Sec.

Diakes	
Brakes	Brakes meet ISO 3450:2011
	standards

Axles	
Front	Fixed
Rear	Oscillating ±13 degrees
Maximum Single-Wheel Rise and Fall	496 mm 1.6 ft

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

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.

Operator Sound Pressure Level (ISO 6396:2008)	
Tier 3/Stage IIIA Equivalent	72 dB(A)*
Tier 4 Final/Stage V	70 dB(A)*
Exterior Sound Power Level (ISO 6395:2008)	107 dB(A)*
Exterior Sound Pressure Level (SAE J88:2013)	75 dB(A)**

- *For a typical machine configuration, measured according to the procedures specified with the cooling fan speed set at maximum value.
- **For a typical machine configuration, measured according to the procedures specified. The measurement was conducted under the following conditions: distance of 15 m (49.2 ft), moving forward in second gear ratio with the cooling fan speed set at maximum value.

Service Refill Capacities		
Fuel Tank	275 L	72.6 gal
DEF Tank*	16 L	4.2 gal
Cooling System	59 L	15.6 gal
Crankcase	22 L	5.8 gal
Transmission	43 L	11.4 gal
Differentials and Final Drives – Front	43 L	11.4 gal
Differentials and Final Drives – Rear	43 L	11.4 gal
Hydraulic Tank	125 L	33.0 gal

^{*}Must meet the requirements outlined in ISO 22241-1 for Tier 4 Final/Stage V models.

Tire Options

Tire Brand	Michelin	Bridgestone	Goodyear	Bridgestone	Bridgestone	Michelin	Bridgestone
Tire Size	23.5R25	23.5R25	23.5R25	23.5-25	23.5R25	750/65R25	23.5-25
Tread Type	L-3	L-3	L-3	L-3	L-3	L-3	L-3
Tread Pattern	XHA2	VMT	RT-3B	SRG LD	VJT	XLD	VL2
Width over Tires – Maximum (empty)*	2821 mm	2810 mm	2840 mm	2768 mm	2809 mm	2954 mm	2771 mm
	9'3"	9'3"	9'4"	9'1"	9'3"	9'8"	9'1"
Width over Tires – Maximum (loaded)*	2824 mm	2835 mm	2847 mm	2797 mm	2832 mm	2967 mm	2784 mm
	9'3"	9'4"	9'4"	9'2"	9'3"	9'9"	9'2"
Change in Vertical Dimensions	0 mm	−2 mm	1 mm	1 mm	–6 mm	−6 mm	16 mm
(average of front and rear)	0"	-0.1"	0"	0"	-0.2"	-0.2"	0.6"
Change in Horizontal Reach	0 mm	6 mm	3 mm	-16 mm	6 mm	11 mm	3 mm
	0"	0.2"	0.1"	-0.6"	0.2"	0.4"	0.1"
Change in Clearance Circle to Outside of Tires	0 mm	12 mm	23 mm	–27 mm	9 mm	143 mm	–40 mm
	0"	0.5"	0.9"	-1.1"	0.4"	5.6"	-1.6"
Change in Clearance Circle to Inside of Tires	0 mm	-12 mm	-23 mm	27 mm	–9 mm	$-143 \; mm$	40 mm
	0"	-0.5"	-0.9"	1.1"	-0.4"	-5.6"	1.6"
Change in Operating Weight (without Ballast)	0 kg	188 kg	127 kg	–248 kg	168 kg	801 kg	-100 kg
	0 lb	414 lb	280 lb	−547 lb	370 lb	1,766 lb	-220 lb
Change in Static Tipping Load – Straight	0 kg	119 kg	81 kg	-157 kg	106 kg	507 kg	–63 kg
	0 lb	262 lb	179 lb	-346 lb	234 lb	1,118 lb	−139 lb
Change in Static Tipping Load – Articulated	0 kg	104 kg	70 kg	-137 kg	93 kg	442 kg	–55 kg
	0 lb	229 lb	154 lb	-302 lb	205 lb	974 lb	-121 lb

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

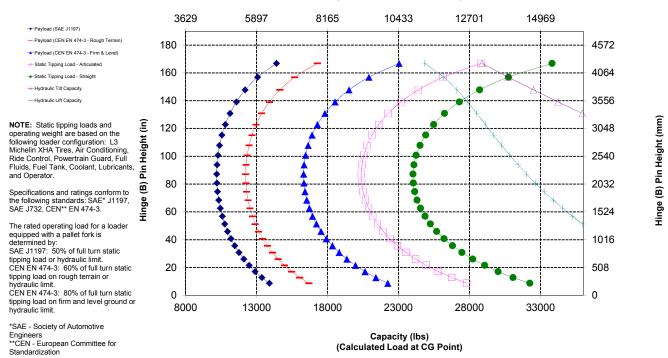
Grapple Fork - 36" Pin-On

Α	Tine length	mm	917
		in mm	36.1 1855
В	Fork width	in	73.0
		m2	2.5
	End area	ft2	2.5
	Inside Height	mm	0
С	(only applies to double top clamp)	in	0
	Min. opening	mm	N/A
D	(only applies to millyard forks)	in	N/A
	, , , ,	kg	21169
	Operating Weight	lbs	46669
		mm	1314
Е	Distance inside of tine tips	in	52
	Static tipping load, articulated	kg	9247
	Fork level	lbs	20385.7
	Static tipping load, straight	kg	10896
	Fork level	lbs	24020.6
	Max. height of fork	mm	3507
F	(w/clamp open if applicable)	in	138.1
	Clearance w/full lift, 45 deg dump	mm	3278
G	(if max. dump <> 45)	in	129.0
		mm	3950
Н	Clearance @ full lift fork level	in	155.5
	Reach w/full lift, 45 deg dump	mm	1072
ı	(if max. dump <> 45)	in	42.2
		mm	2468
J	Reach w/lift arm horizontal and fork level	in	97.2
1/	Disable death	mm	-67
K	Digging depth	in	-2.6
	AR-MA-	mm	1850
L	Width over tines	in	72.8
М	Deach & ground lavel	mm	1888
IVI	Reach @ ground level	in	74
N	Max. opening across tine and clamp	mm	3123
IN	wax. opening across tine and damp	in	123.0
0	Overall height of fork @ full lift and	mm	7457
	clamp open	in	293.6
Р	Overall length	mm	8230
	Tip of tine to rear of machine	in	324.0
R	Clearance @ full lift and max. dump	mm	3270
	Discharge (if <> 45)	in	128.8
s	Clearance w/horizontal lift arms and	mm	1798.0
	fork level	in	70.8
т	Reach @ full lift and fork level	mm	1589.4
	1.0001 @ 1011 III. GIIO IOIN ICVOI	in	62.6
U	Max. discharge angle from horizontal	deg	46
J	max. disonarge arigic from fronzontal	rad	8.0



Capacity (kg) (Calculated Load at CG Point)

(Calculated Load at CG Point)

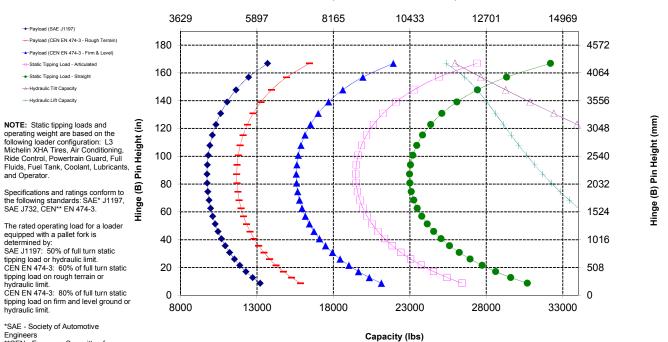


Grapple Fork – 48" Pin-On

Α	Tine length	mm	1220
	The length	in	48.0
В	Fork width	mm	1855
	· · · · · · · · · · · · · · · · · · ·	in	73.0
	End area	m2	2.63
		ft2	28
С	Inside Height	mm	0
	(only applies to double top clamp)	in	0 N/A
D	Min. opening (only applies to millyard forks)	mm in	N/A N/A
	(Only applies to miliyard lorks)	kg	21286
	Operating Weight	lbs	46926
		mm	1314
Е	Distance inside of tine tips	in	52
	Static tipping load, articulated	kg	8826
	Fork level	lbs	19457.5
	Static tipping load, straight	kg	10425
	Fork level	lbs	22983.2
F	Max. height of fork	mm	3352
	(w/clamp open if applicable)	in	132.0
G	Clearance w/full lift, 45 deg dump	mm	3044
	(if max. dump <> 45)	in	119.9
н	Clearance @ full lift fork level	mm	3950
		in	155.5
- 1	Reach w/full lift, 45 deg dump	mm	1306
	(if max. dump <> 45)	in	51.4
J	Reach w/lift arm horizontal and fork level	mm	2798
		in	110.2
K	Digging depth	mm in	-67 -2.6
		mm	1850
L	Width over tines	in	72.8
		mm	2218
M	Reach @ ground level	in	87
		mm	3027
N	Max. opening across tine and clamp	in	119.2
_	Overall height of fork @ full lift and	mm	7302
0	clamp open	in	287.5
Р	Overall length	mm	8560
	Tip of tine to rear of machine	in	337.0
R	Clearance @ full lift and max. dump	mm	3034
	Discharge (if <> 45)	in	119.4
s	Clearance w/horizontal lift arms and	mm	1798.0
_	fork level	in	70.8
т	Reach @ full lift and fork level	mm	1919.5
		in	75.6
U	Max. discharge angle from horizontal	deg	46
		rad	0.8



Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)

*SAE - Society of Automotive

-Payload (SAE J1197)

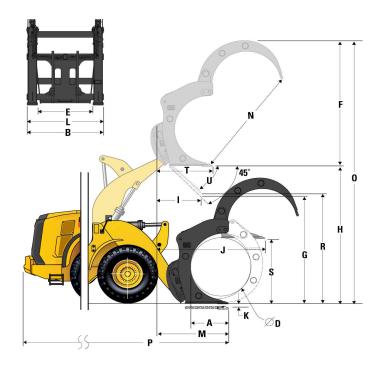
-Static Tipping Load - Articulated

--- Static Tipping Load - Straight --- Hydraulic Lift Capacity

Engineers
**CEN - European Committee for Standardization

Grapple Fork – 36" Fusion

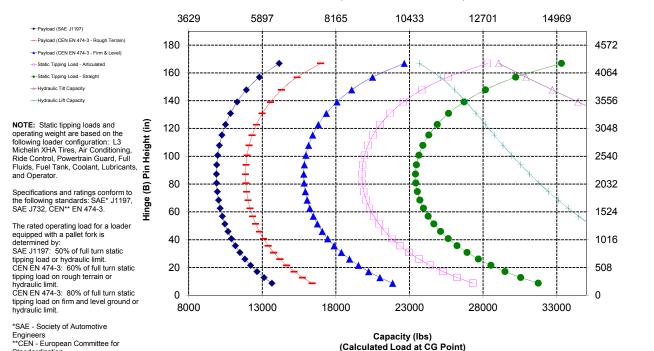
Α	Tine length	mm	917 36.1
		in mm	1855
В	Fork width	in	73.0
		m2	2.5
	End area	ft2	2.3
	Inside Height	mm	0
С	(only applies to double top clamp)	in	0
	Min. opening	mm	N/A
D	(only applies to millyard forks)	in	N/A
	, , , ,	kg	21611
	Operating Weight	lbs	47643
_		mm	1314
Е	Distance inside of tine tips	in	52
	Static tipping load, articulated	kg	8967
	Fork level	lbs	19769.3
	Static tipping load, straight	kg	10619
	Fork level	lbs	23409.6
F	Max. height of fork	mm	3433
r	(w/clamp open if applicable)	in	135.1
_	Clearance w/full lift, 45 deg dump	mm	3226
G	(if max. dump <> 45)	in	127.0
н	Clearance @ full lift fork level	mm	3877
	Clearance @ full lift lork level	in	152.6
1	Reach w/full lift, 45 deg dump	mm	1021
	(if max. dump <> 45)	in	40.2
J	Reach w/lift arm horizontal and fork level	mm	2468
	Neach while ann nonzonear and lore level	in	97.2
κ	Digging depth	mm	-140
	Eligging depth	in	-5.5
L	Width over tines	mm	1850
	That over another	in	72.8
М	Reach @ ground level	mm	1938
	Troubin (e) ground to von	in	76
N	Max. opening across tine and clamp	mm	3123
	<u> </u>	in	123.0
0	Overall height of fork @ full lift and	mm	7310
	clamp open	in	287.8
Ρ	Overall length	mm	8280
	Tip of tine to rear of machine	in	326.0
R	Clearance @ full lift and max. dump	mm	3146
	Discharge (if <> 45) Clearance w/horizontal lift arms and	in	123.9 1725.3
S		mm	
	fork level	in	67.9 1589.2
Т	Reach @ full lift and fork level	mm	
		in	62.6
U	Max. discharge angle from horizontal	deg	57
	-	rad	1.0



Hinge (B) Pin Height (mm)

Capacity (kg) (Calculated Load at CG Point)

(Calculated Load at CG Point)



Standardization

Grapple Fork – 48" Fusion

Α	Tine length	mm	1220
	- · · y	in	48.0
В	Fork width	mm	1855
		in	73.0
	End area	m2 ft2	2.63
	Inside Height	mm	28 0
С	(only applies to double top clamp)	in	0
	Min. opening	mm	N/A
D	(only applies to millyard forks)	in	N/A
	, , , ,	kg	21772
	Operating Weight	lbs	47998
		mm	1314
E	Distance inside of tine tips	in	52
	Static tipping load, articulated	kg	8710
	Fork level	lbs	19201.5
	Static tipping load, straight	kg	10345
	Fork level	lbs	22807.1
F	Max. height of fork	mm	3356
_ F	(w/clamp open if applicable)	in	132.1
G	Clearance w/full lift, 45 deg dump	mm	3044
	(if max. dump <> 45)	in	119.9
н	Clearance @ full lift fork level	mm	3950
		in	155.5
- 1	Reach w/full lift, 45 deg dump	mm	1306
	(if max. dump <> 45)	in	51.4
J	Reach w/lift arm horizontal and fork level	mm	2798
		in	110.2 -67
K	Digging depth	mm in	-67 -2.6
		mm	1850
L	Width over tines	in	72.8
		mm	2218
М	Reach @ ground level	in	87
		mm	3027
N	Max. opening across tine and clamp	in	119.2
_	Overall height of fork @ full lift and	mm	7306
0	clamp open	in	287.6
Р	Overall length	mm	8560
	Tip of tine to rear of machine	in	337.0
R	Clearance @ full lift and max. dump	mm	2911
	Discharge (if <> 45)	in	114.6
s	Clearance w/horizontal lift arms and	mm	1798.0
	fork level	in	70.8
т	Reach @ full lift and fork level	mm	1919.5
		in	75.6
U	Max. discharge angle from horizontal	deg	57
	3	rad	1.0

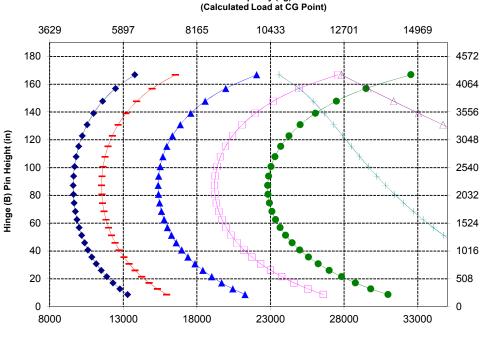


Capacity (kg) (Calculated Load at CG Point)



Engineers
**CEN - European Committee for Standardization

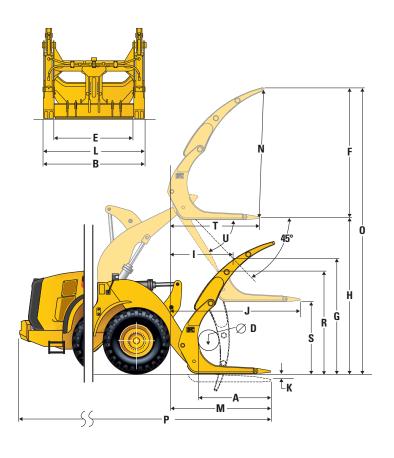
--- Payload (SAE J1197)



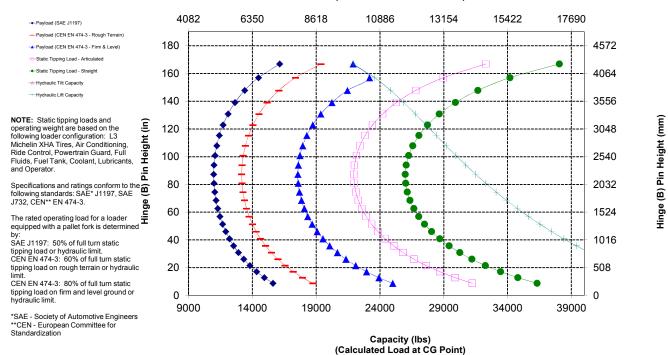
Hinge (B) Pin Height (mm)

Millyard Fork - 63" Pin-On

Α	Tine length	mm	1609
		in	63.3
В	Fork width	mm	2324
		in	91.5
	End area	m2	1.26
	Inside Height	ft2	14 0
С		mm in	
	(only applies to double top clamp) Min. opening	mm	0 427
D	(only applies to millyard forks)	in	427 17
		kg	21561
	Operating Weight	lbs	47533
		mm	1780
Е	Distance inside of tine tips	in	70
	Static tipping load, articulated	kg	9959
	Fork level	lbs	21954.7
	Static tipping load, straight	kg	11788
	Fork level	lbs	25988.6
	Max. height of fork	mm	2843
F	(w/clamp open if applicable)	in	111.9
_	Clearance w/full lift, 45 deg dump	mm	2832
G	(if max. dump <> 45)	in	111.5
		mm	3964
Н	Clearance @ full lift fork level	in	156.1
1	Reach w/full lift, 45 deg dump	mm	1538
•	(if max. dump <> 45)	in	60.5
J	Reach w/lift arm horizontal and fork level	mm	3112
	Reach while ann nonzontal and lock level	in	122.5
κ	Digging depth	mm	-53
	Digging depth	in	-2.1
L	Width over tines	mm	2286
	Width Over times	in	90.0
М	Reach @ ground level	mm	2521
		in	99
N	Max. opening across tine and clamp	mm	2709
	· •	in	106.7
0	Overall height of fork @ full lift and	mm	6807
	clamp open	in	268.0
Р	Overall length Tip of tine to rear of machine	mm in	8863 348.9
	Clearance @ full lift and max. dump	mm	2819
R	Discharge (if <> 45)	in	111.0
	Clearance w/horizontal lift arms and	mm	1812.2
S	fork level	in	71.3
		mm	2233.5
Т	Reach @ full lift and fork level	in	87.9
		deq	46
U	Max. discharge angle from horizontal	rad	0.8

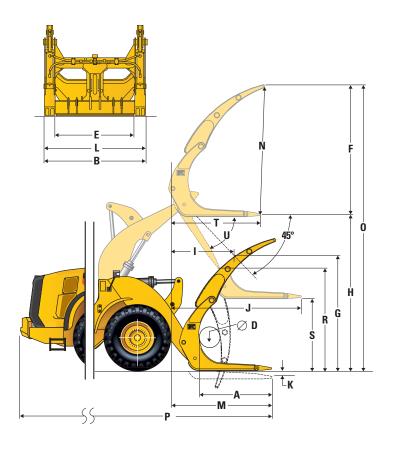


Capacity (kg) (Calculated Load at CG Point)

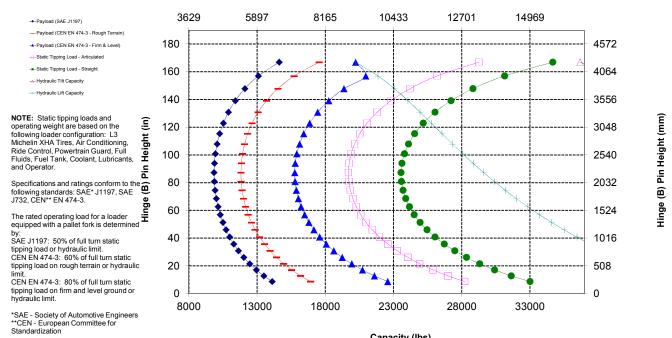


Millyard Fork - 63" Fusion

Α	Tine length	mm	1609
	<u> </u>	in	63.3
В	Fork width	mm	2324
		in m2	91.5
	End area	ft2	1.26 14
	Inside Height	mm	0
С	(only applies to double top clamp)	in	0
	Min. opening	mm	427
D	(only applies to millyard forks)	in	17
		kg	22233
	Operating Weight	lbs	49014
		mm	1780
Е	Distance inside of tine tips	in	70
	Static tipping load, articulated	kg	8936
	Fork level	lbs	19700.4
	Static tipping load, straight	kg	10686
	Fork level	lbs	23558.4
	Max. height of fork	mm	2843
F	(w/clamp open if applicable)	in	111.9
_	Clearance w/full lift, 45 deg dump	mm	2745
G	(if max. dump <> 45)	in	108.1
Н	Clearance @ full lift fork level	mm	3978
	Clearance @ ruii iiit lork level	in	156.6
- 1	Reach w/full lift, 45 deg dump	mm	1644
	(if max. dump <> 45)	in	64.7
J	Reach w/lift arm horizontal and fork level	mm	3249
	Treath with annihilation and fork level	in	127.9
ĸ	Digging depth	mm	-39
	2.999 300	in	-1.5
L	Width over tines	mm	2286
		in	90.0
M	Reach @ ground level	mm	2648
		in	104
N	Max. opening across tine and clamp	mm	2709
	Overall height of forty @ full lift and	in mm	106.7
0	Overall height of fork @ full lift and clamp open	mm in	6821 268.5
	Overall length	mm	8990
Р	Tip of tine to rear of machine	in	354.0
	Clearance @ full lift and max. dump	mm	2471
R	Discharge (if <> 45)	in	97.3
	Clearance w/horizontal lift arms and	mm	1825.9
S	fork level	in	71.9
_		mm	2370.6
T	Reach @ full lift and fork level	in	93.3
	May discharge and from havinental	deg	63
U	Max. discharge angle from horizontal	rad	1.1

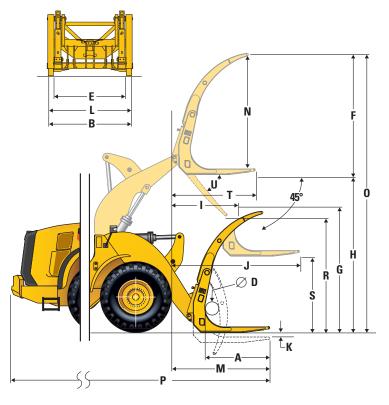


Capacity (kg) (Calculated Load at CG Point)



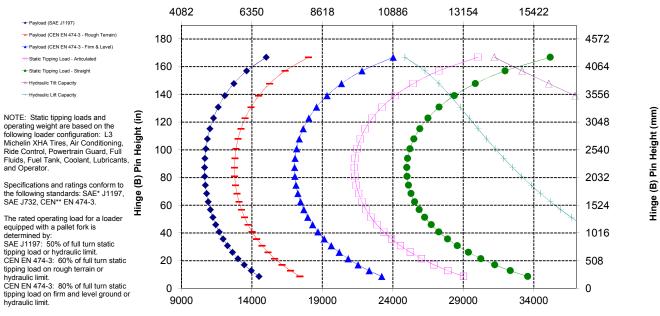
Millyard Pole Fork - 66" Pin-On

Α	Tine length	mm	1677
		in mm	2236
В	Fork width	in	88.0
		m2	1.39
	End area	ft2	1.59
	Inside Height	mm	0
С	(only applies to double top clamp)	in	0
	Min. opening	mm	330
D	(only applies to millyard forks)	in	13
_	, , , ,	kg	20945
	Operating Weight	lbs	46175
		mm	1904
Ε	Distance inside of tine tips	in	75
	Static tinning load, articulated	kg	9651
	Static tipping load, articulated Fork level	lbs	21277.4
	Static tipping load, straight	kg	11334
	Fork level	lbs	24986.7
	Max. height of fork	mm	3144
F	(w/clamp open if applicable)	in	123.8
	Clearance w/full lift, 45 deg dump	mm	2559
G	(if max. dump <> 45)	in	100.8
	(II max. dump <> 43)	mm	3862
Н	Clearance @ full lift fork level	in	152.0
	Reach w/full lift, 45 deg dump	mm	1666
ı	(if max. dump <> 45)	in	65.6
		mm	3396
J	Reach w/lift arm horizontal and fork level	in	133.7
		mm	-155
K	Digging depth	in	-6.1
		mm	2184
L	Width over tines	in	86.0
		mm	2877
M	Reach @ ground level	in	113
		mm	2914
N	Max. opening across tine and clamp	in	114.7
_	Overall height of fork @ full lift and	mm	7005
0	clamp open	in	275.8
_	Overall length	mm	9219
Р	Tip of tine to rear of machine	in	362.9
_	Clearance @ full lift and max. dump	mm	2544
R	Discharge (if <> 45)	in	100.2
_	Clearance w/horizontal lift arms and	mm	1710.1
S	fork level	in	67.3
_		mm	2517.4
Т	Reach @ full lift and fork level	in	99.1
	M. P. I. C. I. C. I. C. I.	deg	46
U	Max. discharge angle from horizontal	rad	0.8



Capacity (kg) (Calculated Load at CG Point)

Capacity (lbs) (Calculated Load at CG Point)

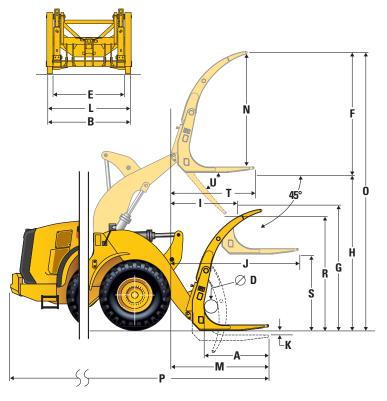


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Millyard Pole Fork – 66" Fusion

	·		
Α	Tine length	mm in	1677 66.0
		mm	2236
В	Fork width	in	88.0
		m2	1.39
	End area	ft2	1.59
	Inside Height	mm	0
С	(only applies to double top clamp)	in	0
	Min. opening	mm	330
D	(only applies to millyard forks)	in	13
	(only applies to miliyard forks)	kg	21501
	Operating Weight	lbs	47400
		mm	1904
Ε	Distance inside of tine tips	in	75
	Ctatic tinning load, articulated	kg	8964
	Static tipping load, articulated Fork level		
	Static tipping load, straight	lbs	19761.8 10600
	Fork level	kg	23369.8
	Max. height of fork	lbs mm	3148
F	· ·		
	(w/clamp open if applicable)	in mm	123.9
G	Clearance w/full lift, 45 deg dump		2550
	(if max. dump <> 45)	in	100.4
Н	Clearance @ full lift fork level	mm	3938
	Death wife it life AF death was	in	155.0
- 1	Reach w/full lift, 45 deg dump	mm	1783
	(if max. dump <> 45)	in	70.2
J	Reach w/lift arm horizontal and fork level	mm	3486
		in	137.2
K	Digging depth	mm	-79
		in	-3.1
L	Width over tines	mm	2184
		in	86.0
M	Reach @ ground level	mm	2914
		in	115
N	Max. opening across tine and clamp	mm	2914
	· •	in	114.7
0	Overall height of fork @ full lift and	mm	7086
	clamp open	in	279.0
Р	Overall length	mm	9256
	Tip of tine to rear of machine	in	364.4
R	Clearance @ full lift and max. dump	mm	2372
	Discharge (if <> 45)	in	93.4
s	Clearance w/horizontal lift arms and	mm	1785.9
	fork level	in	70.3
т	Reach @ full lift and fork level	mm	2606.9
•		in	102.6
U	Max. discharge angle from horizontal	deg	54
	2.2	rad	0.9



Capacity (kg) (Calculated Load at CG Point)



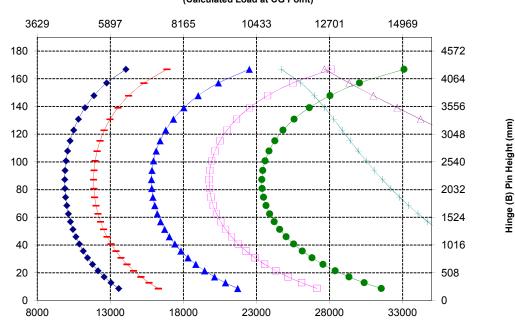
- Static Tipping Load Articulated
- --- Static Tipping Load Straight
- --- Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: L3 Michelin XHA 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.

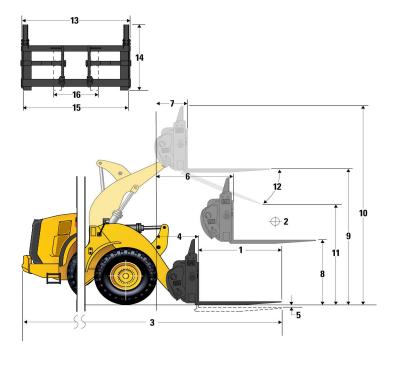
The rated operating load for a loader equipped with a pallet fork is determined by:
SAE J1197: 50% of full turn static tipping load or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit.
CEN EN 474-3: 80% of full turn static tipping load on rough terrain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

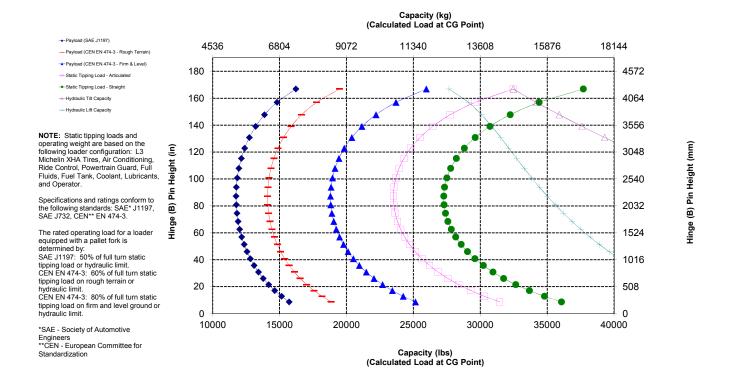
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Log and Lumber Fork, No TC - 48" Pin-On

1	Tine Length	mm in	1219 48.0
		mm	610
2	Load Center	in	24.0
	Otalia Timina Land Otaliaht (Fodus Land)	kg	12369
	Static Tipping Load - Straight (Forks Level)	lbs	27262
	Static Tipping Load - Articulated (Forks Level)	kg	10665
	Otatio Tipping Load Tritionation (Fortio Ecver)	lbs	23506
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5333
		lbs	11753
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	6399 14103
	· · · · · · · · · · · · · · · · · · ·	kg	8532
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	18805
		mm	8787
3	Maximum Overall Length	in	345.9
4	Reach with Forks at Ground Level	mm	1226
4	Reach with Forks at Ground Level	in	48.2
5	Ground to Top of Tine at Minimum Height and Fork Level	mm	-4
<u> </u>	Ground to Top or Time at William Theight and Tork Level	in	-0.2
6	Reach with Arms Horizontal and Forks Level	mm	1759
	Treath with 7 time Field and 1 time Eevel	in	69.2
7	Reach with Fork at Maximum Height	mm	880
		in	34.7 1861
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	73.2
	<u> </u>	mm	4012
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.0
		mm	5548
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.4
	Ol	mm	2903
11	Clearance at Full Lift and Max Dump	in	114.3
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2470
13	Overall Carriage vviolit	in	97.3
14	Overall Carriage Height	mm	1601
	o roran carriago rioigin	in	63.0
15	Outside Tine Width (max spread)	mm in	2366 93.1
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	The Martin (shorts for a)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	65.0
	THE THICKNESS	in	2.6
	Tine Capacity	kg	10500
	тне Сараску	lbs	23142
	Operating Weight	kg	20037
	opolania rolan	lbs	44161

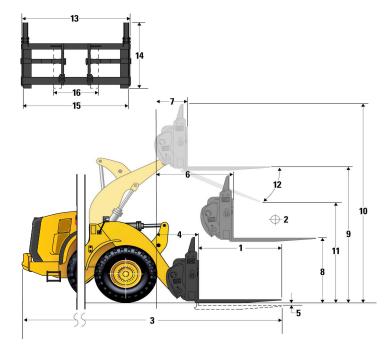


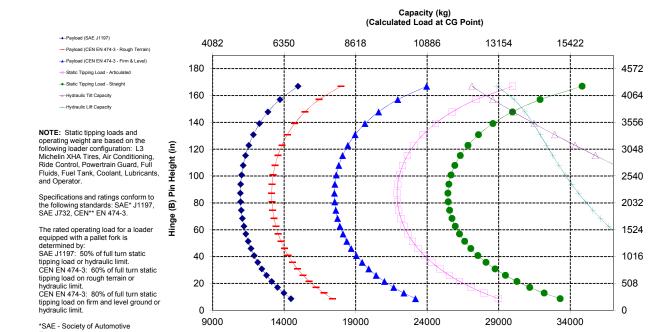


Log and Lumber Fork, No TC - 60" Pin-On

1	Tine Length	mm	1524
	Time Longui	in	60.0
2	Load Center	mm in	762 30.0
		kg	11545
	Static Tipping Load - Straight (Forks Level)	lbs	25446
	Static Tipping Load - Articulated (Forks Level)	kg	9930
	Static Tipping Load - Articulated (Forks Level)	lbs	21886
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4965
	,	lbs kg	10943 5958
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13132
	B + H + HOEN EN 474 0 E' H + HO + H 000/ ETOTI)	kg	7944
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17509
3	Maximum Overall Length	mm	9133
	Maximum Overali Ecrigin	in	359.6
4	Reach with Forks at Ground Level	mm	1267
		in mm	49.9 21
5	Ground to Top of Tine at Minimum Height and Fork Level	in	0.8
_	5	mm	1784
6	Reach with Arms Horizontal and Forks Level	in	70.2
7	Reach with Fork at Maximum Height	mm	905
	Treach with tork at waximum rieight	in	35.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1886
		in mm	74.2 4037
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.0
	0 "" 1 (5) (5) (6)	mm	5548
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.4
11	Clearance at Full Lift and Max Dump	mm	2667
	olearance at Fair Ent and Max Bamp	in	105.0
12	Max Discharge Angle from Horizontal	deg	46
13	Overall Carriage Width	mm	2470
	Overall Carriage Width	in	97.3
14	Overall Carriage Height	mm	1601
		in mm	63.0 2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
10	Outside Title Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	. • • • •	in mm	7.1 90.0
	Tine Thickness	in	3.5
		kg	15906
	Tine Capacity	lbs	35057
	Operating Weight	kg	20238
	Operating Weight	lbs	44604

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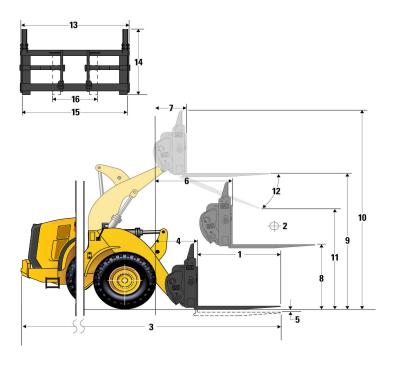


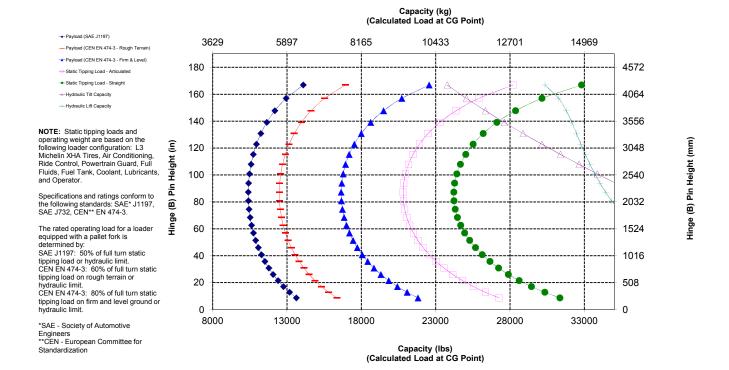
Capacity (lbs)
(Calculated Load at CG Point)

Hinge (B) Pin Height (mm)

Log and Lumber Fork, No TC - 72" Pin-On

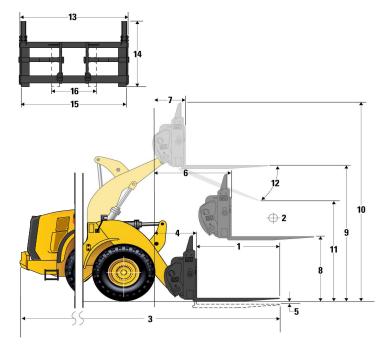
	e e		
1	Tine Length	mm in	1829 72.0
		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	10985
	Otatio Tipping Load Ottaight (Forko Lovel)	lbs	24210
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9439 20804
		kg	4720
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10402
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5664
	Raieu Loau (CEN EN 474-3 Rough Tehain - 60% F131L)	lbs	12482
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7551
		lbs mm	16643 9438
3	Maximum Overall Length	in	371.6
		mm	1267
4	Reach with Forks at Ground Level	in	49.9
5	Ground to Top of Tine at Minimum Height and Fork Level	mm	21
	Glound to Top of Time at William Height and Fork Level	in	0.8
6	Reach with Arms Horizontal and Forks Level	mm	1783
		in mm	70.2 905
7	Reach with Fork at Maximum Height	in	35.6
		mm	1886
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	74.2
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4037
	Ground to Top of Time at Waximum Fleight and Tork Level	in	159.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5548 218.4
		mm	2449
11	Clearance at Full Lift and Max Dump	in	96.4
12	May Discharge Apple from Herimontal	م م ام	46
12	Max Discharge Angle from Horizontal	deg	
13	Overall Carriage Width	mm	2470
		in mm	97.3 1601
14	Overall Carriage Height	in	63.0
	0.4.11 T. 140.00 / 10	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
	Outside Title Width (Hill Spread)	in	39.4
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	in	3.5
	T. A. II	kg	12600
	Tine Capacity	lbs	27770
	Operating Weight	kg	20300
	opolating World	lbs	44741

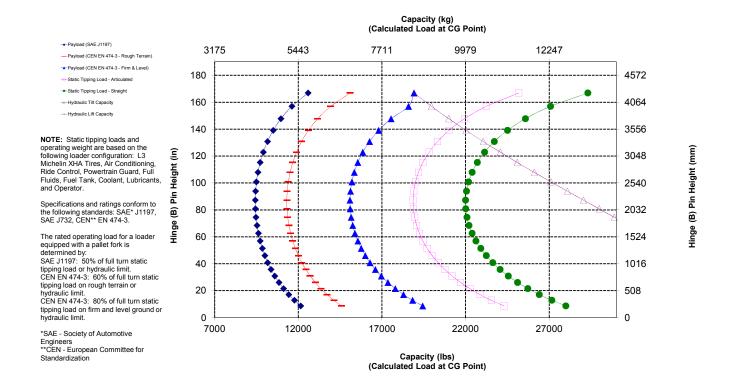




Log and Lumber Fork, No TC - 96" Pin-On

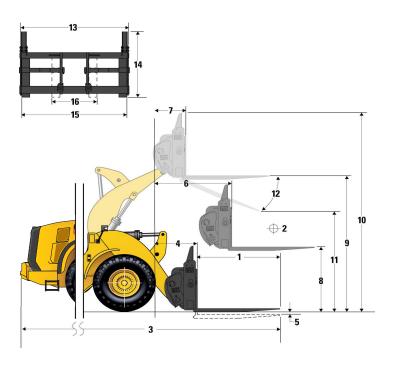
1 Tine Length mm ge 2438 (pe 96.0) 2 Load Center mm de 48.0 (pe 99.7) Static Tipping Load - Straight (Forks Level) kg 99.79 (pe 99.7) Static Tipping Load - Articulated (Forks Level) kg 99.79 (pe 99.7) Rated Load (SAE J1197 - 50% FTSTL) kg 55.71 (pe 18.8) Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 5134 (pe 84.6) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 (pe 84.6) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 (pe 84.6) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 (pe 84.6) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 (pe 84.6) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 (pe 84.6) Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 (pe 84.6) Ground to Top of Tine at Minimum Height and Fork Level mm 10.048 (pe 84.6) Feach with Forks at Ground Level mm 12.6 Reach with Fork at Maximum Height and Fork Level mm 17.4 (pe 90.6) Beach with Fork at Hull Lift (top of carriage to ground) mm 188.6 (pe 90.6) Beach with Fork at Full Lift (top of carriage to ground) mm 20.0 (pe 90.		-		
2	1	Tine Length		
Static Tipping Load - Straight (Forks Level) kg 9979 kg 9979 kg 21995 static Tipping Load - Articulated (Forks Level) kg 8557 kg 4278 kg 9430 kg 4278 kg 5134 kg 5134 kg 5134 kg 5134 kg 5134 kg 5134 kg 6846 kg kg 6846 kg kg 6846 kg 6846 kg kg 6846 kg kg 6846 kg kg kg kg kg kg kg k				
Static Tipping Load - Straight (Forks Level) Ibs 21995 Static Tipping Load - Articulated (Forks Level) Ibs 18860 Rated Load (SAE J1197 - 50% FTSTL) Ibs 18860 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ikg 5134 Ibs 11316 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 15088 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 15088	2	Load Center		
Static Tipping Load - Articulated (Forks Level) Ibs 18860 Rated Load (SAE J1197 - 50% FTSTL) Ibs 18860 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 9430 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 11316 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 15088 15088 3 Maximum Overall Length mm 10048 in 395.6 mm 1268 in 49.9 mm 21 in 0.8 6 Reach with Forks at Ground Level in 49.9 5 Ground to Top of Tine at Minimum Height and Fork Level in 70.2 7 Reach with Fork at Maximum Height mm 905 in 35.6 mm 1886 Reach with Fork at Maximum Height mm 905 in 35.6 mm 1886 Ground to Top of Tine with Arms Horizontal and Fork Level in 74.2 mm 4037 in 159.0 mm 2012		Ctatic Tinning Load Ctraight (Fortic Level)	kg	9979
Rated Load (SAE J1197 - 50% FTSTL) Ibs 18860 Rated Load (SAE J1197 - 50% FTSTL) Ibs 9430 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Ibs 11316 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 11316 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Ibs 15088 15088 3 Maximum Overall Length Imm 10048 Ibs		Static Tipping Load - Straight (Forks Level)		
Rated Load (SAE J1197 - 50% FTSTL)		Static Tipping Load - Articulated (Forks Level)		
Rated Load (SAE JTT97 - 50% FTSTL) lbs 9430 Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) kg 5134 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 bs 1508 15088 3 Maximum Overall Length mm 10048 4 Reach with Forks at Ground Level mm 1268 5 Ground to Top of Tine at Minimum Height and Fork Level mm 21 6 Reach with Arms Horizontal and Forks Level mm 1784 7 Reach with Fork at Maximum Height mm 905 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 742 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4037 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 2054 11 Clearance at Full Lift and Max Dump mm 2012 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 14 Overall Carriage Height mm 2470 15 Outside Tine Width (max spread) mm 2366 <td< td=""><th></th><td>Clade Tipping Load Traduction (1 Citto Level)</td><td></td><td></td></td<>		Clade Tipping Load Traduction (1 Citto Level)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) Rog 5134 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) Rog 6846 Rog		Rated Load (SAE J1197 - 50% FTSTL)		
Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL) lbs 11316 Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 6846 1bs 1508 15088 3 Maximum Overall Length mm 10048 4 Reach with Forks at Ground Level mm 1268 5 Ground to Top of Tine at Minimum Height and Fork Level mm 21 6 Reach with Arms Horizontal and Forks Level mm 178 7 Reach with Fork at Maximum Height mm 905 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1886 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4037 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 11 Clearance at Full Lift and Max Dump mm 5548 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 1601 15 Outside Tine Width (max spread) mm 1601 16 Outside Tine Width (min spread) mm 1001 16 Outside Tine Width (min spread) mm 1002				
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL) kg 15088 15088 15088 15088 15088 3 Maximum Overall Length mm 10048 in 395.6 in 49.9 4 Reach with Forks at Ground Level mm 21 1268 in 49.9 5 Ground to Top of Tine at Minimum Height and Fork Level mm 21 in 0.8 in 70.2 6 Reach with Arms Horizontal and Forks Level mm 1784 in 70.2 7 Reach with Fork at Maximum Height mm 905 in 35.6 in 35.6 in 74.2 in 74.2 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1886 in 74.2 in 15.0		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		
Rated Load (CEN EN 4/4-3 Firm and Level Ground - 80% F1S1L) Ibs 15088 mm 10048 in 395.6		· · · · · · · · · · · · · · · · · · ·		
3 Maximum Overall Length mm 10048 in 395.6 4 Reach with Forks at Ground Level mm 1268 in 395.6 5 Ground to Top of Tine at Minimum Height and Fork Level mm 21.66 in 0.8 6 Reach with Arms Horizontal and Forks Level mm 1784 in 70.2 7 Reach with Fork at Maximum Height mm 905 in 35.6 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1886 in 74.2 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4037 in 159.0 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 in 2118.4 11 Clearance at Full Lift and Max Dump mm 2012 in 79.2 12 Max Discharge Angle from Horizontal deg 44 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height mm 1601 in 63.0 15 Outside Tine Width (max spread) mm 2366 in 93.1 16 Outside Tine Width (min spread) mm 180.0 Tine Width (single tine) mm 180.0 Tine Capacity kg 10100 lbs 22260 Operating Width kg 20428 <th></th> <td>Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)</td> <td></td> <td></td>		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)		
3 Maximum Overall Length in 395.6 4 Reach with Forks at Ground Level mm 1268 5 Ground to Top of Tine at Minimum Height and Fork Level mm 21 6 Reach with Arms Horizontal and Forks Level mm 1784 7 Reach with Fork at Maximum Height in 35.6 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 180.6 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4037 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 11 Clearance at Full Lift and Max Dump mm 2012 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 14 Overall Carriage Height mm 1601 15 Outside Tine Width (max spread) mm 180.0 16 Outside Tine Width (min spread) mm 180.0 17 Inc Capacity kg 1010 <t< td=""><th></th><td></td><td></td><td></td></t<>				
4 Reach with Forks at Ground Level in 49.9 5 Ground to Top of Tine at Minimum Height and Fork Level mm 21 in 0.8 6 Reach with Arms Horizontal and Forks Level mm 1784 in 70.2 7 Reach with Fork at Maximum Height mm 905 in 35.6 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 4037 in 159.0 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4037 in 159.0 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 in 2118 in 159.0 11 Clearance at Full Lift and Max Dump mm 2012 in 79.2 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height mm 601 in 97.3 15 Outside Tine Width (max spread) mm 1601 in 63.0 16 Outside Tine Width (min spread) mm 180.0 in 7.1 Tine Width (single tine) mm 180.0 in 7.1 Tine Capacity kg 10100 lbs 22260 Operating Wight kg 20428	3	Maximum Overall Length		
10		B 1 31 5 1 10 11 1	mm	1268
5 Ground to Top of Tine at Minimum Height and Fork Level in 1784 in 70.2 6 Reach with Arms Horizontal and Forks Level mm 905 in 35.6 7 Reach with Fork at Maximum Height mm 905 in 35.6 8 Ground to Top of Tine with Arms Horizontal and Fork Level in 74.2 mm 403.6 9 Ground to Top of Tine at Maximum Height and Fork Level in 159.0 mm 403.7 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 in 2118.4 11 Clearance at Full Lift and Max Dump mm 2012 in 79.2 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width in 97.3 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) mm 1601 in 63.0 16 Outside Tine Width (min spread) in 39.4 mm 180.0 in 7.1	4	Reach with Forks at Ground Level	in	49.9
10		Cround to Ton of Tine at Minimum Height and Fork Lavel	mm	21
6 Reach with Arms Horizontal and Forks Level in 70.2 mm 905 mm 905 mm 35.6 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 4886 mm 4037 mm 4037 mm 4037 mm 4037 mm 5548 mm 4037 mm 2012 mm 79.2 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 mm 2018 mm 2012 mm 79.2 11 Clearance at Full Lift and Max Dump mm 2012 mm 2470 mm 2470 mm 1601 mm 63.0 13 Overall Carriage Width mm 1601 mm 63.0 14 Overall Carriage Height mm 1601 mm 1601 mm 93.1 mm 1601 mm 39.1 mm 1601 mm 39.1 mm 1602 mm 93.1 mm 1600 mm 180.0		Glound to Top of Title at Willimum Height and Fork Level		
7 Reach with Fork at Maximum Height mm 905 mm 35.6 mm 1886 forund to Top of Tine with Arms Horizontal and Fork Level mm 4037 m 159.0 mm 1601 mm 1602 m	6	Peach with Arms Horizontal and Forks Level		
7 Reach with Fork at Maximum Height in 35.6 8 Ground to Top of Tine with Arms Horizontal and Fork Level mm 1886 in 74.2 9 Ground to Top of Tine at Maximum Height and Fork Level mm 4037 in 159.0 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 in 218.4 11 Clearance at Full Lift and Max Dump mm 2012 in 79.2 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height mm 60.1 in 63.0 15 Outside Tine Width (max spread) mm 2306 in 93.1 16 Outside Tine Width (min spread) mm 1002 in 7.1 Tine Width (single tine) mm 180.0 in 7.1 Tine Capacity kg 10100 ibs 20260 ibs Operating Weight kg 20426		Treach with Arms Horizontal and Forks Level		
8 Ground to Top of Tine with Arms Horizontal and Fork Level in 74.2 9 Ground to Top of Tine at Maximum Height and Fork Level in 74.2 10 Overall Height of Fork at Full Lift (top of carriage to ground) in 218.4 11 Clearance at Full Lift and Max Dump in 2012 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width in 97.3 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) in 33.1 16 Outside Tine Width (min spread) in 39.4 17 Tine Width (single tine) in 7.1 18 Tine Capacity in 35.6 18 Ground to Top of Tine with Arms Horizontal and Fork Level in 74.2 18 Max Discharge Angle from Horizontal deg 46 19 Operating Wighth (max Spread) in 39.4 19 Outside Tine Width (min spread) in 39.4 10 Outside Tine Width (min spread) in 39.4 11 Tine Thickness in 7.1 12 Outside Tine Capacity kg 10100 15 Operating Wighth (sight in 10.0 16 Operating Wighth (sight in 10.0 17 Operating Wighth (sight in 10.0 18 Operating Wighth (sight in 10.0 19	7	Reach with Fork at Maximum Height		
8 Ground to Top of Tine with Arms Horizontal and Fork Level in 74.2 mm 4037 mm 4037 mm 5548 mm 5548 mm 2012 mm		Troubil man on at maximum rioign		
9 Ground to Top of Tine at Maximum Height and Fork Level mm / 159.0 in 159.0 in 159.0 10 Overall Height of Fork at Full Lift (top of carriage to ground) mm / 2548 in 218.4 in 79.2 11 Clearance at Full Lift and Max Dump mm / 2012 in 79.2 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm / 2470 in 97.3 14 Overall Carriage Height mm / 1601 in 63.0 15 Outside Tine Width (max spread) mm / 2366 in 93.1 in 39.4 16 Outside Tine Width (min spread) mm / 180.0 in 7.1 in 71.1 in 7	8	Ground to Top of Tine with Arms Horizontal and Fork Level		
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 mm 2118.4 11 Clearance at Full Lift and Max Dump mm 2012 in 79.2 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width in 97.3 14 Overall Carriage Height mm 1601 in 63.0 15 Outside Tine Width (max spread) mm 2366 in 93.1 16 Outside Tine Width (min spread) mm 1002 in 39.4 Tine Width (single tine) in 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 10100 lbs 22260 Operating Weight kg 20428 20428 carriage Wight kg 20428 carriage Wight carriage Wight kg 20428 carriage Wight carriage W		<u> </u>		
10 Overall Height of Fork at Full Lift (top of carriage to ground) mm 5548 in 218.4 11 Clearance at Full Lift and Max Dump mm 2012 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height mm 1601 in 63.0 15 Outside Tine Width (max spread) mm 2306 in 93.1 16 Outside Tine Width (min spread) mm 1002 in 39.4 Tine Width (single tine) mm 180.0 in 7.1 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 10100 lbs 22260 Operating Weight kg 20428 20428 control of the state of the single time carriage to ground car	9	Ground to Top of Tine at Maximum Height and Fork Level		
10 Overall Height of Fork at Full Lift (top of carriage to ground) in 218.4 11 Clearance at Full Lift and Max Dump mm 2012 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width in 97.3 14 Overall Carriage Height mm 1601 15 Outside Tine Width (max spread) mm 2366 16 Outside Tine Width (min spread) mm 1002 17 Tine Width (single tine) in 39.4 18 Tine Width (single tine) in 7.1 19 Tine Capacity kg 10100 10 Operating Weight kg 20428 10 Operating Weight kg 20428 11 Operating Weight kg 20428 12 Operating Weight kg 20428 13 Overall Carriage Angle from Horizontal kg 20428 14 Operating Weight kg 20428 15 Operating Weight kg 20428 16 Operating Weight kg 20428 17 Operating Weight kg 20428 18 Operating Weig				
11 Clearance at Full Lift and Max Dump in 79.2 12 Max Discharge Angle from Horizontal deg 46 13 Overall Carriage Width mm 2470 14 Overall Carriage Height mm 1601 15 Outside Tine Width (max spread) mm 2366 16 Outside Tine Width (min spread) mm 1002 Tine Width (single tine) mm 180.0 Tine Thickness mm 90.0 Tine Capacity kg 10100 Operating Weight kg 20428	10	Overall Height of Fork at Full Lift (top of carriage to ground)		
12 Max Discharge Angle from Horizontal deg fin Prize 78.2 13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) mm 2366 in 93.1 in 93.1 in 93.4 16 Outside Tine Width (min spread) in 39.4 in 7.1 in 7.1 in 7.1 in Tine Thickness Tine Thickness in 3.5 in 3.5 in 3.5 in 3.5 in 13.5		Oleman at Full 199 and Man Down	mm	2012
13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height mm 1601 in 63.0 15 Outside Tine Width (max spread) mm 2366 in 93.1 16 Outside Tine Width (min spread) mm 1002 Tine Width (single tine) mm 180.0 in 3.5 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 10100 lbs 22260 Operating Weight kg 20428	11	Clearance at Full Lift and Max Dump	in	79.2
13 Overall Carriage Width mm 2470 in 97.3 14 Overall Carriage Height mm 1601 in 63.0 15 Outside Tine Width (max spread) mm 2366 in 93.1 16 Outside Tine Width (min spread) mm 1002 Tine Width (single tine) mm 180.0 in 3.5 Tine Thickness mm 90.0 in 3.5 Tine Capacity kg 10100 lbs 22260 Operating Weight kg 20428	42	May Discharge Angle from Herizontel	doa	46
13 Overall Carriage Width in 97.3 14 Overall Carriage Height in 63.0 15 Outside Tine Width (max spread) mm 2366 in 16 Outside Tine Width (min spread) mm 1002 in Tine Width (single tine) mm 180.0 in 7.1 in Tine Thickness in 3.5 in	12	Max Discharge Angle Iron Honzontal		
14 Overall Carriage Height	13	Overall Carriage Width		
14 Overall Carnage Height in 63.0 15 Outside Tine Width (max spread) mm 2366 16 Outside Tine Width (min spread) mm 1002 In 39.4 mm 180.0 Tine Width (single tine) in 7.1 Tine Thickness mm 90.0 Tine Capacity kg 10100 Operating Weight kg 20428		Overall Garriage Wilder		
15 Outside Tine Width (max spread) mm 2366 in 93.1	14	Overall Carriage Height		
15 Outside Tine Width (max spread) in 93.1 16 Outside Tine Width (min spread) mm 1002 Tine Width (single tine) mm 180.0 Tine Thickness mm 90.0 Tine Capacity kg 10100 Operating Weight kg 20428				
16 Outside Tine Width (min spread) mm / in 39.4 mm / 39.4 mm / 39.4 mm / 180.0 mm / 180.0 mm / 7.1 mm / 90.0 mm / 3.5 mm / 3.	15	Outside Tine Width (max spread)		
16 Outside Tine Width (min spread) in 39.4 mm 180.0 mm 180.0 mm 7.1 Tine Width (single tine) mm 90.0 mm 90.0 mm 30.0 mm 90.0 mm 180.0 m				
Tine Width (single tine) in 7.1	16	Outside Tine Width (min spread)		
Tine Thickness mm 90.0 Tine Capacity kg 10100 Descripting Weight kg 20428		T 180 10 () 1 ()	mm	180.0
Tine Thickness in 3.5		rine vviatn (single tine)		
Tine Capacity kg 10100 Operating Weight kg 20428		The Thiston	mm	90.0
Tine Capacity Ibs 22260 Operating Weight kg 20428		Tine Thickness	in	
Operating Weight kg 20428		Tino Canacity		
		ппс Фарабіц		
lbs 45023		Operating Weight		
		opologing rought	lbs	45023

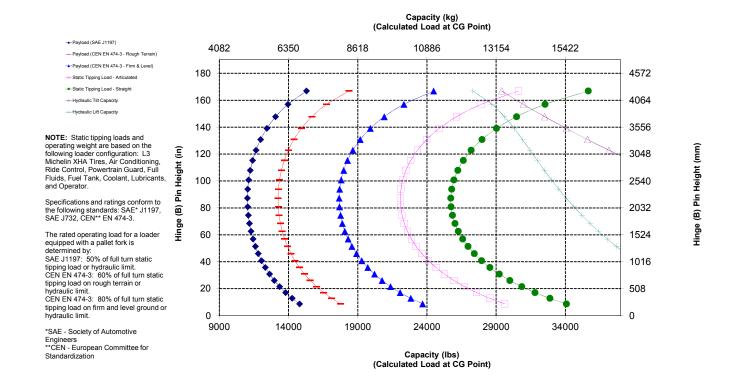




Log and Lumber Fork, No TC – 48" Fusion

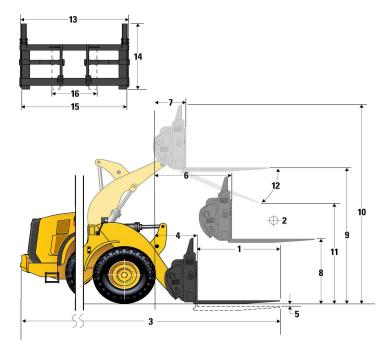
1	Tine Length	mm	1219
		in mm	48.0 610
2	Load Center	in	24.0
		kg	11669
	Static Tipping Load - Straight (Forks Level)	lbs	25718
	Static Tipping Load - Articulated (Forks Level)	kg	10013
	Static Tipping Load - Articulated (Forks Level)	lbs	22068
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5006
		lbs	11034 6008
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	13241
		kg	8010
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17655
_	Marrian Organil Langth	mm	8879
3	Maximum Overall Length	in	349.6
4	Reach with Forks at Ground Level	mm	1318
	Trouble Will Forto at Ground Ecver	in	51.9
5	Ground to Top of Tine at Minimum Height and Fork Level	mm	-3
		in mm	-0.1 1853
6	Reach with Arms Horizontal and Forks Level	in	73.0
		mm	974
7	Reach with Fork at Maximum Height	in	38.4
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1862
	Glound to Top of Title with Arms Honzontal and Fork Level	in	73.3
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4014
		in mm	158.0 5550
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.5
		mm	2772
11	Clearance at Full Lift and Max Dump	in	109.1
12	Max Discharge Angle from Horizontal	doa	50
12	Max Discharge Angle Iron Honzontal	deg	
13	Overall Carriage Width	mm	2176
	overall carriage vitati	in	85.7 1601
14	Overall Carriage Height	mm in	63.0
		mm	2084
15	Outside Tine Width (max spread)	in	82.0
40	Outside Tine (Midth (sein annead)	mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	(3.3 1110)	in	7.1
	Tine Thickness	mm in	65.0 2.6
		kg	10500
	Tine Capacity	lbs	23142
	On and the will have the	kg	20520
	Operating Weight	lbs	45225

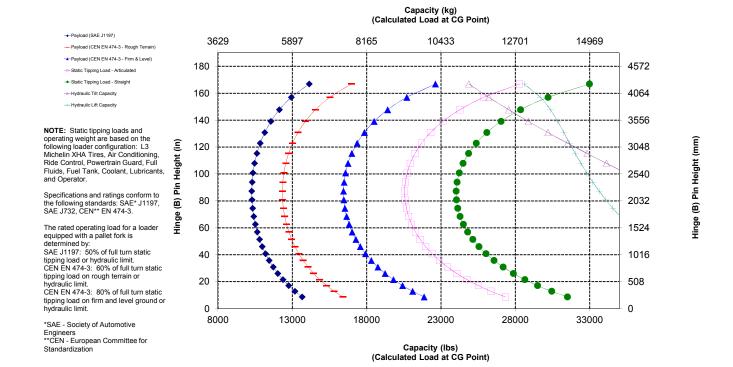




Log and Lumber Fork, No TC - 60" Fusion

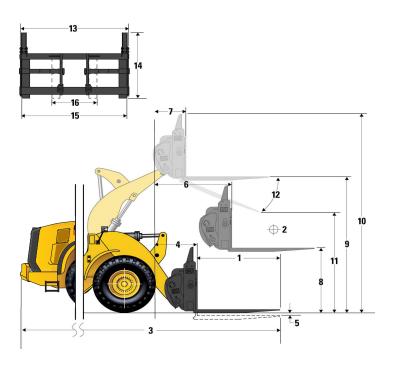
1	Tine Length	mm	1524
	The Longin	in	60.0
2	Load Center	mm in	762 30.0
		kg	10896
	Static Tipping Load - Straight (Forks Level)	lbs	24016
	Static Tipping Load - Articulated (Forks Level)	kg	9325
	Static Tipping Load - Articulated (Forks Level)	lbs	20552
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4662
	Trailed Edda (GAE 61161 G6761 TGTE)	lbs	10276
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5595
	,	lbs kg	12331 7460
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16442
_		mm	9226
3	Maximum Overall Length	in	363.2
4	Reach with Forks at Ground Level	mm	1360
	Reacti with Forks at Ground Level	in	53.5
5	Ground to Top of Tine at Minimum Height and Fork Level	mm	22
	ordana to rop or time at minimum riolgitt and total zoro.	in	0.9
6	Reach with Arms Horizontal and Forks Level	mm in	1878 73.9
		mm	999
7	Reach with Fork at Maximum Height	in	39.3
_	0 11 7 17 11 1 1 1 1 1 1 1	mm	1887
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	74.3
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4039
	Ground to Top of Time at Maximum Height and Fork Level	in	159.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5550
		in mm	218.5 2520
11	Clearance at Full Lift and Max Dump	in	2520 99.2
12	Max Discharge Angle from Horizontal	deg	50
42	Overell Corriege Midth	mm	2176
13	Overall Carriage Width	in	85.7
14	Overall Carriage Height	mm	1601
	o roran carnago rioigin	in	63.0
15	Outside Tine Width (max spread)	mm in	2084 82.0
		mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tine \Middle (cinele tine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THEMESS	in	3.5
	Tine Capacity	kg	15906
	k3	lbs	35057 20721
	Operating Weight	kg Ibs	45668
	3 3 3	IDS	45668

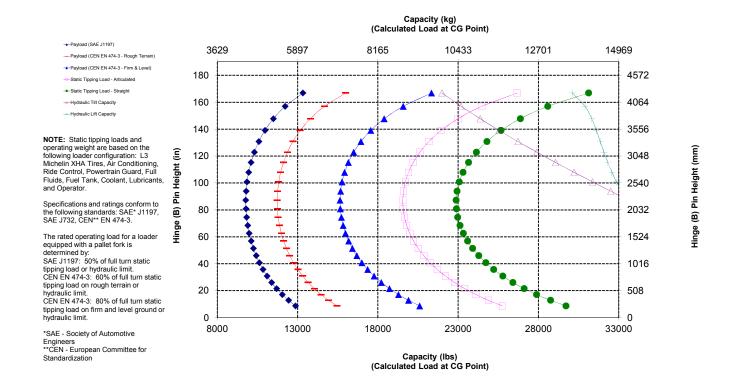




Log and Lumber Fork, No TC - 72" Fusion

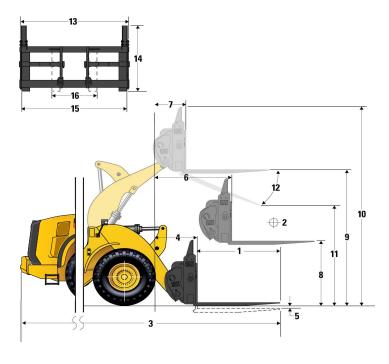
1	Tine Length	mm	1829
		in mm	72.0 915
2	Load Center	in	36.0
		ka	10375
	Static Tipping Load - Straight (Forks Level)	lbs	22867
	Static Tipping Load - Articulated (Forks Level)	kg	8870
	Otatic Tipping Load - Articulated (Forks Level)	lbs	19549
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	4435 9774
		kq	5322
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11729
	Detect Lond (CEN EN 474 2 Firm and Lovel Crowned 1000/ ETCTL)	kg	7096
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15639
3	Maximum Overall Length	mm	9531
	maximam o voicii zongai	in	375.2
4	Reach with Forks at Ground Level	mm in	1360 53.5
		mm	22
5	Ground to Top of Tine at Minimum Height and Fork Level	in	0.9
6	Reach with Arms Horizontal and Forks Level	mm	1878
_ •	Reach with Anns Honzontal and Porks Level	in	73.9
7	Reach with Fork at Maximum Height	mm	999
		in mm	39.3 1887
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	74.3
		mm	4039
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5550
	Overall Fleight of Fork at Full Elit (top of carriage to ground)	in	218.5
11	Clearance at Full Lift and Max Dump	mm	2287
	·	in	90.0
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2176
	<u> </u>	in mm	85.7 1601
14	Overall Carriage Height	in	63.0
	Outside Tire MEMB (see a see ad)	mm	2084
15	Outside Tine Width (max spread)	in	82.0
16	Outside Tine Width (min spread)	mm	1002
	Outside Time Width (mini spread)	in	39.4
	Tine Width (single tine)	mm in	180.0 7.1
		mm	90.0
	Tine Thickness	in	3.5
	Tine Conseils	kg	12600
	Tine Capacity	lbs	27770
	Operating Weight	kg	20783
	opolating froight	lbs	45805

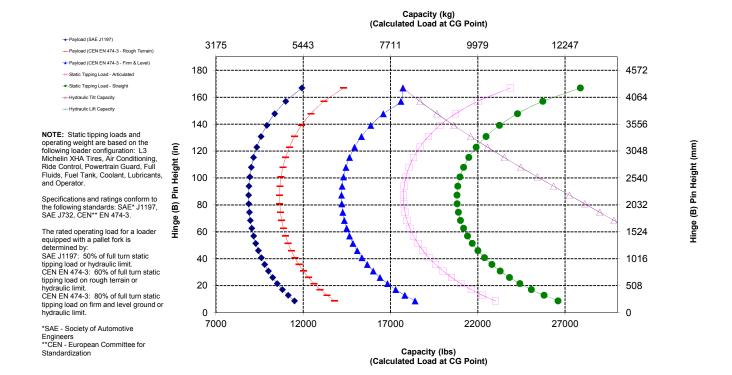




Log and Lumber Fork, No TC - 96" Fusion

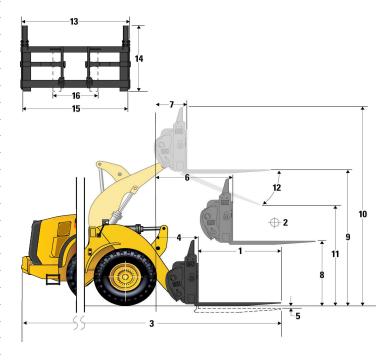
1	Tine Length	mm in	2438 96.0
	·	mm	1219
2	Load Center	in	48.0
	0	kg	9437
	Static Tipping Load - Straight (Forks Level)	lbs	20800
	Static Tipping Load - Articulated (Forks Level)	kg	8049
	Static Tipping Load - Articulated (Forks Level)	lbs	17739
	Rated Load (SAE J1197 - 50% FTSTL)	kg	4024
	Nated Load (SAL 31197 - 30 /61 131L)	lbs	8869
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4829
	Traced Edda (GETT ETT TO Tready) Tomain GO701 TOTE)	lbs	10643
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	6439
		lbs mm	14191 10140
3	Maximum Overall Length	in	399.2
	·	mm	1360
4	Reach with Forks at Ground Level	in	53.6
		mm	22
5	Ground to Top of Tine at Minimum Height and Fork Level	in	0.9
		mm	1878
6	Reach with Arms Horizontal and Forks Level	in	73.9
_	5	mm	999
7	Reach with Fork at Maximum Height	in	39.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1887
۰	Glound to Top of Tine with Arms Honzontal and Fork Level	in	74.3
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4039
9	Glound to Top of Title at Maximum Height and Fork Level	in	159.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5550
	Overall Fleight of Fork at Fall Elit (top of barriage to ground)	in	218.5
11	Clearance at Full Lift and Max Dump	mm	1821
		in	71.7
12	Max Discharge Angle from Horizontal	deg	50
		mm	2176
13	Overall Carriage Width	in	85.7
-		mm	1601
14	Overall Carriage Height	in	63.0
		mm	2084
15	Outside Tine Width (max spread)	in	82.0
40	Outside The Middle (sein serveral)	mm	1002
16	Outside Tine Width (min spread)	in	39.4
	Tine Width (single tine)	mm	180.0
	Tille vildir (alligie tille)	in	7.1
	Tine Thickness	mm	90.0
	THE THORICO	in	3.5
	Tine Capacity	kg	10100
	- mo Supusity	lbs	22260
	Operating Weight	kg	20911
		lbs	46087

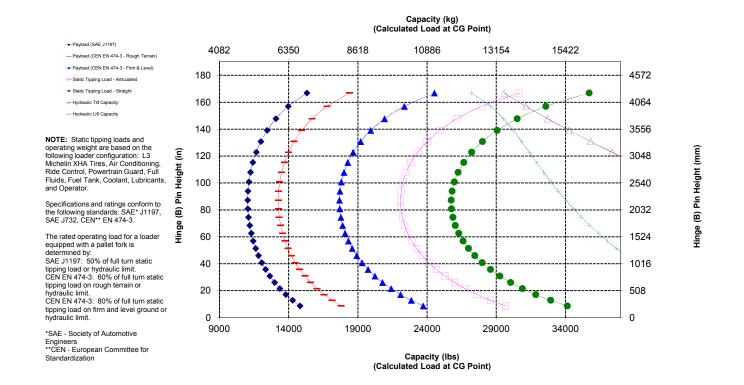




Log and Lumber Fork, No TC – 48" Fusion

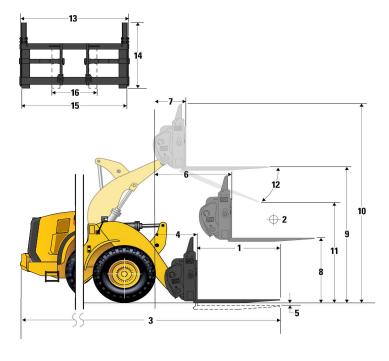
1	Tine Length	mm	1219
	g	in mm	48.0 610
2	Load Center	in	24.0
	O. C. T	kg	11677
	Static Tipping Load - Straight (Forks Level)	lbs	25736
	Static Tipping Load - Articulated (Forks Level)	kg	10018
	Claire Tipping 2000 / Illiodictor (Fortio 2010)	lbs	22079
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5009 11040
		kg	6011
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13248
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8014
	Nated Load (CLIV LIV 474-31 IIIII and Level Glound - 60 %1 131L)	lbs	17663
3	Maximum Overall Length	mm	8873 349.3
		in mm	1312
4	Reach with Forks at Ground Level	in	51.7
_	Occupate Top of The act Michael Height and Foot Lovel	mm	-3
5	Ground to Top of Tine at Minimum Height and Fork Level	in	-0.1
6	Reach with Arms Horizontal and Forks Level	mm	1847
_	Treadil With 7 Will S Florizontal and 1 One 2010	in	72.7
7	Reach with Fork at Maximum Height	mm in	968 38.1
	· · · · · · · · · · · · · · · · · · ·	mm	1862
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.3
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4014
	Ground to Top of Time at Maximum Height and Fork Level	in	158.0
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5552
		in mm	218.6 2777
11	Clearance at Full Lift and Max Dump	in	109.3
	Mary Disabassas Apada form Harimontal		
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2470
	overall carriage vitati	in	97.3 1603
14	Overall Carriage Height	mm in	63.1
	- · · · - · · · · · · · · · · · · · · ·	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
-10	Outside Title Width (milit spread)	in	39.4
	Tine Width (single tine)	mm in	180.0 7.1
		mm	65.0
	Tine Thickness	in	2.6
	The Oscality	kg	10500
	Tine Capacity	lbs	23142
	Operating Weight	kg	20540
	Operating Program	lbs	45270

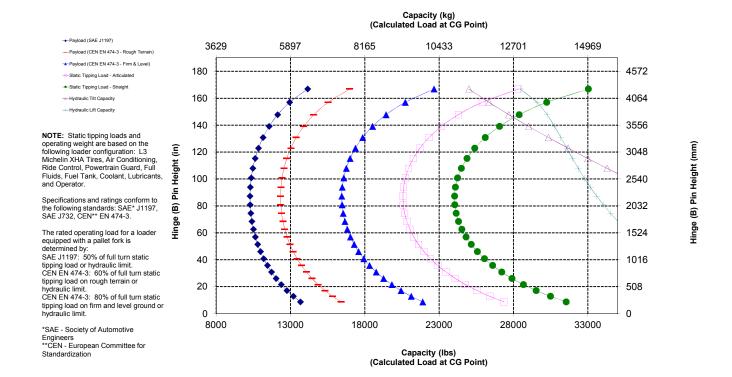




Log and Lumber Fork, No TC - 60" Fusion

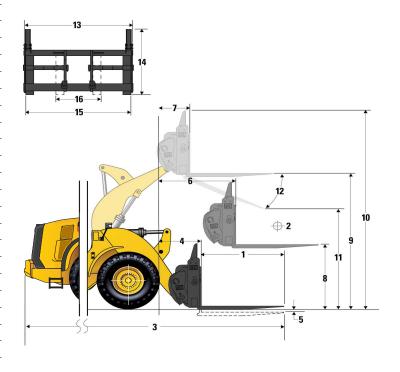
1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	10903
	Static Tipping Load - Straight (Forks Level)	lbs	24031
	Static Tipping Load - Articulated (Forks Level)	kg lbs	9329 20561
		kg	4664
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10280
	Detect of CENEN 474 O Develo Terrain 200/ FTOTI	kg	5597
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12336
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7463
	Nated Load (OLIV LIV 474-51 IIIII and Level Gloding - 60761 1612)	lbs	16448
3	Maximum Overall Length	mm in	9226 363.2
		mm	1360
4	Reach with Forks at Ground Level	in	53.5
		mm	22
5	Ground to Top of Tine at Minimum Height and Fork Level	in	0.9
6	Reach with Arms Horizontal and Forks Level	mm	1878
	Reacti Willi Airiis Horizoniai and Forks Level	in	73.9
7	Reach with Fork at Maximum Height	mm	999
	Trouble marin on at maximum riogn	in	39.3 1887
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	74.3
		mm	4039
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.0
10	Overall Height of Four at Full Lift (top of comings to provide)	mm	5552
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.6
11	Clearance at Full Lift and Max Dump	mm	2520
	ological to at 1 all Elit and Max Bamp	in	99.2
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm in	2470 97.3
		mm	1603
14	Overall Carriage Height	in	63.1
45	Outside Tine Width (may enreed)	mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
		in mm	39.4 180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	Tine Conseils	kg	15906
	Tine Capacity	lbs	35057
	Operating Weight	kg	20741
	opolating froight	lbs	45713

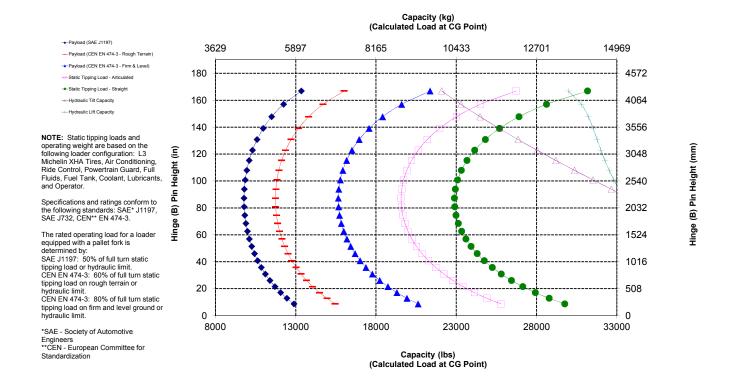




Log and Lumber Fork, No TC - 72" Fusion

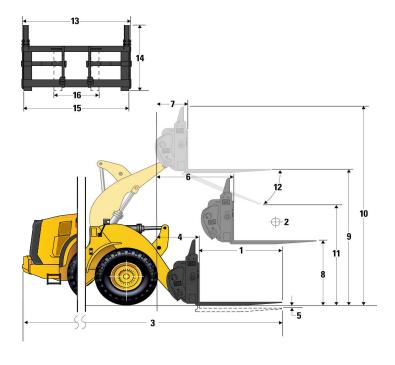
1	Tine Length	mm	1829
	Tine Lengui	in	72.0
2	Load Center	mm	915
		in kg	36.0 10381
	Static Tipping Load - Straight (Forks Level)	lbs	22880
		kg	8873
	Static Tipping Load - Articulated (Forks Level)	lbs	19555
	B + + + + (0.45 14405 - 500/ 5TOTL)	kg	4436
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9778
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5324
	Nated Load (CEN EN 474-3 Rough Tehain - 00 /61 131E)	lbs	11733
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7098
		lbs mm	15644 9531
3	Maximum Overall Length	in	375.2
		mm	1360
4	Reach with Forks at Ground Level	in	53.5
_	0 11 7 (7) 110 1	mm	22
5	Ground to Top of Tine at Minimum Height and Fork Level	in	0.9
6	Reach with Arms Horizontal and Forks Level	mm	1878
	Reach with Airis Horizonial and Forks Level	in	73.9
7	Reach with Fork at Maximum Height	mm	999
	Treatin with tork at maximum rieight	in	39.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1887 74.3
_	· · · · · · · · · · · · · · · · · · ·	mm	4039
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.0
	0 1111111111111111111111111111111111111	mm	5552
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.6
11	Clearance at Full Lift and Max Dump	mm	2287
	Olcarance at 1 dil Elit and Max Bump	in	90.0
12	Max Discharge Angle from Horizontal	deg	50
		mm	2470
13	Overall Carriage Width	in	97.3
	0 110 1 11111	mm	1603
14	Overall Carriage Height	in	63.1
15	Outside Tine Width (max spread)	mm	2366
13	Outside Title Width (Max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
		in mm	39.4 180.0
	Tine Width (single tine)	in	7.1
		mm	90.0
	Tine Thickness	in	3.5
	Tine Conseils	kg	12600
	Tine Capacity	lbs	27770
	Operating Weight	kg	20803
	Operating Weight	lbs	45849

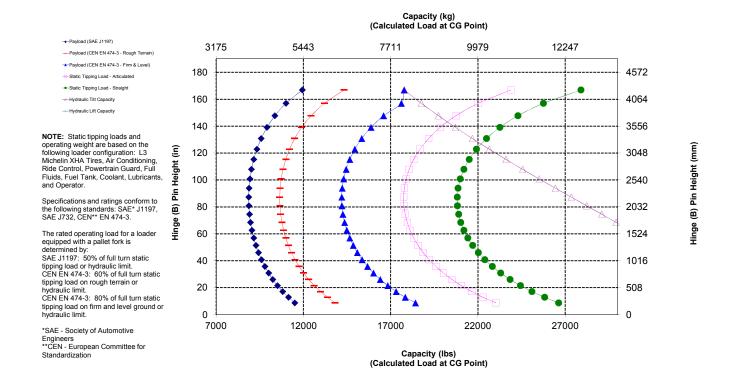




Log and Lumber Fork, No TC - 96" Fusion

1	Tine Length	mm in	2438 96.0
2	Lood Conton	mm	1219
	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	9441
		lbs kg	20809 8050
	Static Tipping Load - Articulated (Forks Level)	lbs	17743
	Detect Lend (CAE 14407 FOW FTCTL)	kg	4025
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	8871
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	4830
	((lbs kg	10646 6440
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	14194
_		mm	10140
3	Maximum Overall Length	in	399.2
4	Reach with Forks at Ground Level	mm	1360
	Nodon Will Folko at Ground Ecver	in	53.6 22
5	Ground to Top of Tine at Minimum Height and Fork Level	mm in	0.9
		mm	1878
6	Reach with Arms Horizontal and Forks Level	in	73.9
7	Reach with Fork at Maximum Height	mm	999
	Reach with Fork at Maximum Height	in	39.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1887 74.3
	· · · · · · · · · · · · · · · · · · ·	in mm	4039
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.0
40	Overall Height of Fork at Full Lift (top of comings to ground)	mm	5552
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.6
11	Clearance at Full Lift and Max Dump	mm	1821
		in	71.7
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm in	2470 97.3
_	<u> </u>	mm	1603
14	Overall Carriage Height	in	63.1
15	Outside Tine Width (max spread)	mm	2366
13	Outside Title Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm in	1002 39.4
	, , ,	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
	THE THICKNESS	in	3.5
	Tine Capacity	kg	10100
		lbs	22260 20931
	Operating Weight	kg Ibs	46131
		103	70101





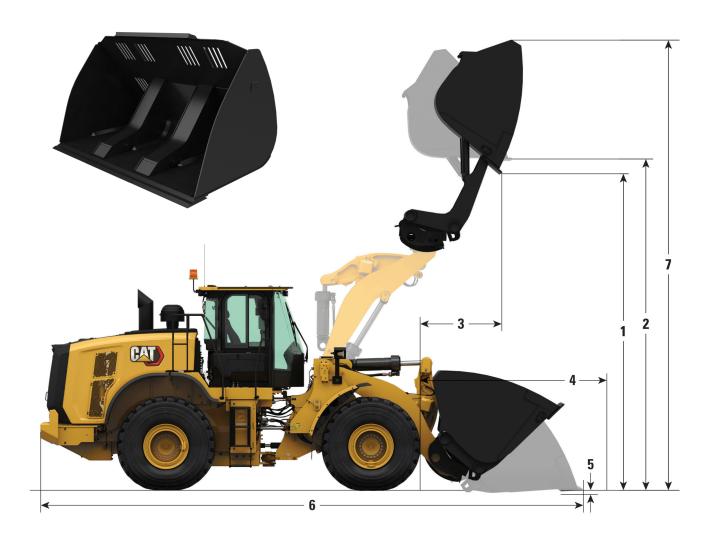
Woodchip Buckets – Pin-On and Fusion



Package		962M Logger				
Bucket Type		Pin-On	Pin-On	Fusion	Fusion	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m³	9.2	9.9	9.2	9.9	
	yd³	12.00	13.00	12.00	13.00	
Capacity - Rated at 110% Fill Factor	m^3	10.1	10.9	10.1	10.9	
	yd^3	13.25	14.25	13.25	14.25	
Width	mm	3330	3330	3330	3330	
	ft/in	10' 11"	10' 11"	10' 11"	10' 11"	
Dump Clearance at Maximum Lift and 45° Discharge	mm	2466	2391	2373	2369	
	ft/in	8' 1"	7' 10"	7' 9"	7' 9"	
Reach at Maximum Lift and 45° Discharge	mm	1860	1935	1953	1957	
	ft/in	6' 1"	6' 4"	6' 4"	6' 5"	
Reach at Level Lift Arm and Bucket Level	mm	3599	3705	3731	3737	
	ft/in	11' 9"	12' 1"	12' 2"	12' 3"	
Digging Depth	mm	82	82	82	82	
	ft/in	3.2"	3.2"	3.2"	3.2"	
Overall Length	mm	9372	9478	9504	9510	
_	ft/in	30' 9"	31' 2"	31' 3"	31' 3"	
Overall Height with Bucket at Maximum Lift	mm	6470	6562	6528	6579	
	ft/in	21' 3"	21' 7"	21' 5"	21' 8"	
Loader Clearance Circle Radius with Bucket	mm	7220	7256	7266	7268	
at Carry Position	ft/in	23' 9"	23' 10"	23' 11"	23' 11"	
Static Tipping Load, Straight (ISO)	kg	13 208	13 132	11 866	11 916	
	lb	29,111	28,943	26,153	26,263	
Static Tipping Load, Straight (Rigid Tire)	kg	14 066	13 999	12 622	12 681	
	lb	31,001	30,855	27,819	27,949	
Static Tipping Load, Articulated (ISO)	kg	11 166	11 082	9957	10 001	
	lb	24,609	24,426	21,946	22,042	
Static Tipping Load, Articulated (Rigid Tire)	kg	12 043	11 969	10 736	10 788	
	lb	26,543	26,381	23,662	23,778	
Breakout Force	kN	129	122	120	120	
	lbf	29,066	27,454	27,155	27,006	
Operating Weight	kg	21 407	21 499	22 042	22 003	
	lb	47,181	47,384	48,580	48,494	

Light Material High Dump Buckets

All dimensions are approximate.



Bucket Key Features

- High Dump bucket increases dump height 2.1 m (7'0") for largest size available on 962M
- High capacity available in Pin-On, Fusion, or VCE coupler interface
- Ideal for low density and free flowing materials like wood chips and pellets
- Narrow tilt frame provides excellent cutting edge rigidity
- Adjustable windows provide a variety of configurations depending on the material being moved
- Requires 3rd valve hydraulics

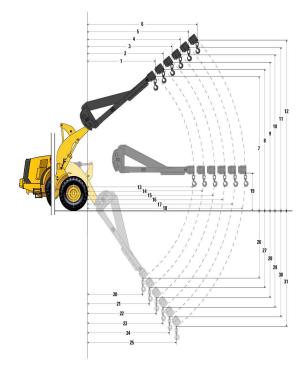
Package					9	62M Logge	er			
Bucket Type			Pin-On Fusion VCE-						VCE-ISO	
Edge Type		Bolt-On Cutting Edges								
Capacity – Rated	m ³	6.10	7.60	9.20	6.10	7.60	9.20	6.10	7.60	9.20
- ··· · · · · · · · · · · · · · · · · ·	yd³	8.00	10.00	12.00	8.00	10.00	12.00	8.00	10.00	12.00
Capacity – Rated at	m^3	6.70	8.40	10.10	6.70	8.40	10.10	6.70	8.40	10.10
110% Fill Factor	yd^3	8.75	11.00	13.25	8.75	11.00	13.25	8.75	11.00	13.25
Width	mm	3037	3350	3350	3037	3350	3350	3037	3350	3350
	ft/in	9'11"	10'11"	10'11"	9'11"	10'11"	10'11"	9'11"	10'11"	10'11"
1 Dump Clearance at Max Lift,	mm	4702	4629	4487	4754	4683	4540	4766	4695	4553
Max Rack, Bucket Rolled out to 45° Discharge	ft/in	14'10"	14'8"	14'2"	15'1"	14'10"	14'4"	15'1"	14'10"	14'5"
2 Clearance at Max Lift,	mm	5130	5130	5130	5183	5183	5183	5190	5190	5190
Max Rack, Bucket Rolled out to Level	ft/in	16'3"	16'3"	16'3"	16'5"	16'5"	16'5"	16'6"	16'6"	16'6"
3 Reach at Max Lift, Max Rack,	mm	1821	1892	2033	1864	1929	2070	1866	1938	2078
Bucket Rolled out to 45° Discharge	ft/in	5'11"	6'2"	6'8"	6'1"	6'4"	6'9"	6'1"	6'4"	6'9"
Reach at Level Lift Arm and Bucket Level	mm	3470	3570	3770	3535	3635	3835	3550	3650	3850
	ft/in	11'0"	11'4"	12'0"	11'3"	11'7"	12'3"	11'3"	11'7"	12'3"
5 Digging Depth	mm	57	57	57	57	57	57	58	58	58
	ft/in	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"	2'3"
6 Overall Length	mm	9247	9347	9547	9312	9412	9612	9327	9427	9627
	ft/in	29'2"	29'6"	30'2"	29'5"	29'9"	30'5"	29'5"	29'9"	30'5"
7 Overall Height with Bucket at	mm	7005	7044	7196	7058	7097	7249	7070	7109	7261
Max Height and Max Rack	ft/in	22'5"	22'6"	23'0"	22'7"	22'9"	23'3"	22'8"	22'9"	23'3"
Loader Clearance Circle Radiu	ıs mm	7052	7221	7289	7073	7243	7313	7077	7248	7319
with Bucket at Carry Position	ft/in	23'2"	23'8"	23'11"	23'2"	23'9"	24'0"	23'3"	23'9"	24'0"
Static Tipping Load, Straight	kg	12 781	12 450	12 092	12 111	11 785	11 438	12 213	11 885	11 537
(With Tire Deflection)*	1b	21,249	20,586	19,917	19,889	19,235	18,584	20,159	19,502	18,848
Static Tipping Load, Straight	kg	13 613	13 282	12 928	12 926	12 601	12 256	13 024	12 696	12 352
(No Tire Deflection)*	1b	22,563	21,902	21,240	21,179	20,526	19,881	21,446	20,789	20,141
Static Tipping Load, Articulat	ed kg	10 738	10 419	10 084	10 098	9785	9460	10 207	9892	9566
(With Tire Deflection)*	1b	17,752	17,109	16,474	16,440	15,806	15,188	16,721	16,083	15,463
Static Tipping Load, Articulat	ed kg	11 589	11 271	10 940	10 934	10 621	10 299	11 039	10 724	10 401
(No Tire Deflection)*	lb	19,106	18,465	17,837	17,771	17,137	16,525	18,048	17,411	16,796
Breakout Force	kN	144	135	121	138	129	116	137	128	115
	1bf	24,747	23,123	20,598	23,678	22,141	19,766	23,430	21,913	19,569
Operating Weight*	kg	21 905	22 134	22 307	22 471	22 701	22 873	22 250	22 480	22 653
1 0 0	8		46,778	47,159	47,520	48,027	48,406	47,033	47,540	47,922

^{*}Static tipping loads and operating weights shown are based on a machine configuration with Michelin 23.5R25 XHA2 L3 radial tires, full fluids, operator, Logger counterweight, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

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

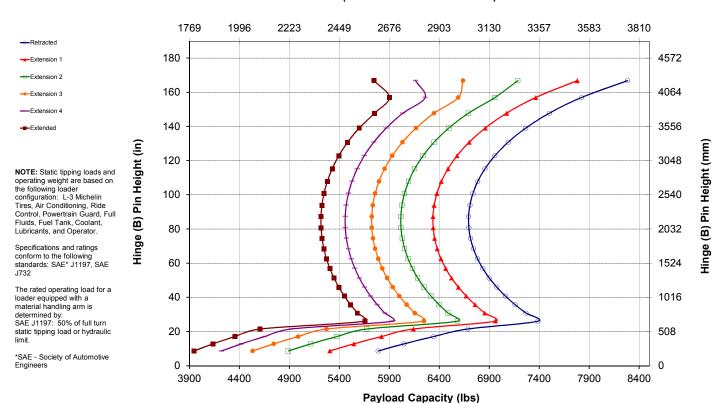
Material Handling Arm – Fusion

Max Lift - Hook Reach (1, 2, 3, 4, 5, 6) mm 2,374 2,527 2,680 2,833 2,986 3,139 Max Lift - Hook Reach (1, 2, 3, 4, 5, 6) ft, in 7' 9" 8' 3" 8' 9" 9' 3" 9' 9" 10' 3' Max Lift - Hook Height (7, 8, 9, 10, 11, 12) mm 6,970 7,233 7,497 7,760 8,024 8,287 Level - Hook Reach (13, 14, 15, 16, 17, 18) mm 4,692 4,997 5,301 5,606 5,911 6,216 Level - Hook Reach (13, 14, 15, 16, 17, 18) ft, in 15' 4" 16' 4" 17' 4" 18' 4" 19' 4" 20' 4" Level - Hook Height (19) ft, in 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 6' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1" 11' 1"	MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	May Life Lleak Deach (4.2.2.4.5.6)	mm	2,374	2,527	2,680	2,833	2,986	3,139
Max Lift - Hook Height (7, 8, 9, 10, 11, 12) ft, in 22' 10" 23' 8" 24' 7" 25' 5" 26' 3" 27' 2" Level - Hook Reach (13, 14, 15, 16, 17, 18) mm 4,692 4,997 5,301 5,606 5,911 6,216 Level - Hook Reach (13, 14, 15, 16, 17, 18) mm 4,692 4,997 5,301 5,606 5,911 6,216 Level - Hook Height (19) mm 1,854	Max Liit - Hook Reach (1, 2, 3, 4, 5, 6)	ft, in	7' 9"	8' 3"	8' 9"	9' 3"	9' 9"	10' 3"
Ti, in 22' 10" 23' 8" 24' 7" 25' 5" 26' 3" 27' 2"	May Lift - Hook Height (7, 8, 9, 10, 11, 12)	mm	6,970	7,233	7,497	7,760	8,024	8,287
Level - Hook Reach (13, 14, 15, 16, 17, 18) ft, in 15' 4" 16' 4" 17' 4" 18' 4" 19' 4" 20' 4" Level - Hook Height (19) mm 1,854	Max Lift - 1100k 11elgfit (7, 0, 9, 10, 11, 12)	ft, in	22' 10"	23' 8"	24' 7"	25' 5"	26' 3"	27' 2"
Ti, in 15' 4" 16' 4" 17' 4" 18' 4" 19' 4" 20' 4" 18' 4" 19' 4" 20' 4" 18' 4" 19' 4" 20' 4" 18' 4" 19' 4" 20' 4" 18' 4" 18' 4" 19' 4" 20' 4" 18' 4" 19' 4" 18' 4" 18' 4" 18' 4" 18' 4" 18' 4" 18' 4" 19' 4" 18' 4" 4" 18' 4" 4" 18' 4" 4" 18' 4" 4" 18' 4" 4" 4" 18' 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4"	Lovel Hook Depoh (12, 14, 15, 16, 17, 19)	mm	4,692	4,997	5,301	5,606	5,911	6,216
Level - Hook Height (19) ft, in 6' 1" 3,388 3,332 3,210 3,388 3,388 9 9' 4" 9' 11" 10' 6" 11' 1" 10' 6" 11' 1" 10' 6" 11' 1" 10' 6" 11' 1" 10' 6" 11' 1" 10' 6" 11' 1" 10' 6" 11' 1" 11' 1" 10' 6" 11' 1" 11' 1" 10' 6" 11' 1" 11' 1" 11' 3" -12' 5" 11' 3" -12' 5" 11' 3" -12' 5" 11' 3" -12' 5" 11' 3" -12' 5" 11' 3"	Level - Floor Reacti (13, 14, 13, 10, 17, 16)	ft, in	15' 4"	16' 4"	17' 4"	18' 4"	19' 4"	20' 4"
Hi, In 6' 1" 6'	Level - Hook Height (10)	mm	1,854	1,854	1,854	1,854	1,854	1,854
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25) ft, in 8' 2" 8' 9" 9' 4" 9' 11" 10' 6" 11' 1" Min Lift - Hook Height (26, 27, 28, 29, 30, 31) mm (2,590) (2,838) (3,086) (3,333) (3,581) (3,829) Min Lift - Hook Height (26, 27, 28, 29, 30, 31) ft, in -8' 6" -9' 8" -10' 10" -10' 0" -11' 3" -12' 5" Static Tipping Load, Straight kg 7,076 6,698 6,358 6,050 5,770 5,514 Static Tipping Load, Straight lb 15,595 14,763 14,014 13,335 12,717 12,152 Static Tipping Load, Articulated kg 6,096 5,770 5,477 5,211 4,968 4,747 Static Tipping Load, Articulated lb 13,437 12,718 12,071 11,484 10,950 10,462 Operating Weight kg 20,078 20,078 20,078 20,078 20,078 20,078 20,078 20,078 20,078	Level - Hook Height (19)	ft, in	6' 1"	6' 1"	6' 1"	6' 1"	6' 1"	6' 1"
Min Lift - Hook Height (26, 27, 28, 29, 30, 31) mm (2,590) (2,838) (3,086) (3,333) (3,581) (3,829) Min Lift - Hook Height (26, 27, 28, 29, 30, 31) ft, in	Min Lift - Hook Peach (20, 21, 22, 23, 24, 25)	mm	2,499	2,677	2,855	3,032	3,210	3,388
Min Lift - Hook Height (26, 27, 28, 29, 30, 31) ft, in -8' 6" -9' 8" -10' 10" -10' 0" -11' 3" -12' 5' Static Tipping Load, Straight Ib 15,595 14,763 14,014 13,335 12,717 12,152 Static Tipping Load, Articulated Ib 13,437 12,718 12,071 11,484 10,950 10,462 Operating Weight No. 20,078 20,07	Will Lift - Hook Reach (20, 21, 22, 23, 24, 23)	ft, in	8' 2"	8' 9"	9' 4"	9' 11"	10' 6"	11' 1"
ff, in 8-8' 6" -9'8" -10'10" -10'0" -11'3" -12'5" kg 7,076 6,698 6,358 6,050 5,770 5,514 Static Tipping Load, Straight lb 15,595 14,763 14,014 13,335 12,717 12,152 kg 6,096 5,770 5,477 5,211 4,968 4,747 Static Tipping Load, Articulated lb 13,437 12,718 12,071 11,484 10,950 10,462 kg 20,078 20,078 20,078 20,078 20,078 20,078 20,078	Min Lift - Hook Height (26, 27, 28, 20, 30, 31)	mm	(2,590)	(2,838)	(3,086)	(3,333)	(3,581)	(3,829)
Static Tipping Load, Straight Ib 15,595 14,763 14,014 13,335 12,717 12,152 Static Tipping Load, Articulated kg 6,096 5,770 5,477 5,211 4,968 4,747 lb 13,437 12,718 12,071 11,484 10,950 10,462 kg 20,078 20,078 20,078 20,078 20,078 20,078 20,078	Will Elit - Flook Fleight (20, 27, 20, 29, 30, 31)	ft, in	-8' 6"	-9' 8"	-10' 10"	-10' 0"	-11' 3"	-12' 5"
lb 15,595 14,763 14,014 13,335 12,717 12,152 Static Tipping Load, Articulated kg 6,096 5,770 5,477 5,211 4,968 4,747 lb 13,437 12,718 12,071 11,484 10,950 10,462 Operating Weight 4 20,078 20,078 20,078 20,078 20,078 20,078 20,078	Static Tinning Load Straight	kg	7,076	6,698	6,358	6,050	5,770	5,514
Static Tipping Load, Articulated Ib 13,437 12,718 12,071 11,484 10,950 10,462 kg 20,078	Static ripping Load, Straight	lb	15,595	14,763	14,014	13,335	12,717	12,152
lb 13,437 12,718 12,071 11,484 10,950 10,462 kg 20,078	Static Tinning Load Articulated	kg	6,096	5,770	5,477	5,211	4,968	4,747
Operating Weight	Static Tipping Load, Articulated	lb	13,437	12,718	12,071	11,484	10,950	10,462
	Operating Weight	kg	20,078	20,078	20,078	20,078	20,078	20,078
IU 77,502 77,502 74,602 44,602 44,602	Operating weight	lb	44,252	44,252	44,252	44,252	44,252	44,252



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

(Calculated Load at CG Point)



962M Forestry Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
POWER TRAIN		
Axles, ecology drains	✓	
Axles, manually actuated differential lock front axle, open differential rear axle	✓	
Axles – automatic front/rear differential locks, axle oil cooler, extreme temperature seals, seal guards		✓
Brake wear indicators	✓	
Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS)	✓	
Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF) and Diesel Exhaust Fluid (DEF) tank and pump (Tier 4 Final/Stage V models)	✓	
Economy mode (selectable)	✓	
Engine, Cat C7.1 – Tier 3/ Stage IIIA equivalent or Tier 4 Final/ Stage V	✓	
Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand	✓	
Fan, VPF (variable pitch fan), automatic and manual control		✓
Fuel priming pump (electric)	✓	
Fuel/water separator	✓	
Parking brake, disc and caliper	✓	
Precleaner, engine air intake	✓	
Radiator, high debris with wider fin spacing		✓
Switch, transmission neutralizer lockout	✓	
Torque converter, locking clutch with free wheel stator	✓	
Transmission, automatic countershaft power shift (5F/3R)	✓	
CAT TECHNOLOGY		
Detect technologies: Rear vision camera	✓	
Cat rear object detection		√
Link technologies: Product Link	✓	,
VIMS		√
Payload technologies: Cat Production Measurement 2.0, Printer, Aggregate Autodig		√
Machine security system		✓

	Standard	Optio
PERATOR ENVIRONMENT	Standard	Орио
Air conditioner, heater, and defroster	-/	
(auto temp and fan)	v	
Beverage holders (2) with storage compartment for cell phone/MP3 player	✓	
Bucket/work tool function lockout	✓	
Cab access ladders and handrails	✓	
Cab air filter	✓	
Cab, pressurized and sound suppressed (ROPS/FOPS)	✓	
Cab tie-off	✓	
Coat hook (2)	✓	
Cover, HVAC metallic		✓
Door, remote opening system		✓
EH controls, SAL (single axis lever) lift and tilt function	√	
EH controls, joystick lift and tilt – additional integrated roller switches for 3 rd and 4 th functions		✓
EH controls, SAL 3 rd function – additional roller switch for 4 th function		✓
EH parking brake	✓	
Filter, carbon fresh air		✓
Full time rear vision display Work Area Vision System (WAVS)		✓
Horn, electric	✓	
Light, two dome (cab)	√	
Mirrors, heated rearview external with integrated spot mirrors		✓
Mirrors, rearview external with integrated spot mirrors	√	
Multi-function 18 cm (7 in) color LCD touchscreen display for rear vision camera image display (reverse travel activated) and machine status, setting and health parameter	√	
Post mounted membrane 16 switch keypad	✓	
Precleaner, HVAC		✓
Precleaner, HVAC (RESPA)		✓
Radio, AM/FM/USB/MP3 Bluetooth®		✓
Radio, AM/FM/CD/USB/MP3 Bluetooth		✓
Radio, AM/FM/CD/USB/MP3 Bluetooth with Satellite Sirius and XM		✓
Radio, CB ready		✓
Radio ready (entertainment) includes antenna, speakers and converter (12V, 10-amp)	√	

(continued on next page)

962M Forestry Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	0: 1 1	0 41 1
	Standard	Optional
OPERATOR ENVIRONMENT (continued)		
Roof, metallic		√
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		✓
Seat, leather/cloth, air suspension, heated/cooled		✓
Seat belt, 51 mm (2 in) retractable, with indicator	✓	
Seat belt, 76 mm (3 in) retractable, with indicator		✓
Steering, EH joystick, speed sensing with force feedback	✓	
Steering, secondary		✓
Steering, steering wheel	✓	
Sun visor, front	√	
Sun visor, rear		
Viscous mounts		<u> </u>
, 1500 do 1110 di 110		
Wet-arm wipers/washers front and rear, intermittent front wiper	✓	
Windows, rubber mounted		
Window, sliding (left and right sides)		<u> </u>
	•	
Windows, with front guard		<u> </u>
Windows, with full guards front, rear and sides		✓
ELECTRICAL AND LIGHTING		
Alarm, back-up		
Alternator, 145-amp brushed	✓	
Auxiliary halogen cab-mounted work lights (four additional) or		√
Auxiliary front HI LED (two additional) and two additional auxiliary rear LED cab mounted work lights with two LED work lights in the radiator grill and LED front turn signals. Also includes replacement of the standard four halogen cab-mounted work lights with four LED work lights (the standard offering and		✓
only roading light available is the halogen roading light) Batteries (2), maintenance free	✓	
1,400 CCA		
External seat belt indicator light		√
Ignition key; start/stop switch	✓	
Lighting system: four halogen work lights (cab mounted); two LED stop, turn, tail lights; two halogen roading lights (with signals); two halogen rear vision lights (hood mounted)	√	

Standard	Optional
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962M Forestry Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
COMPUTERIZED MONITORING SYSTEM			OTHER STANDARD AND OPTIONAL EQUIPMENT	NT	
With following gauges: Speedometer/tachometer Digital gear range indicator Diesel Exhaust Fluid (DEF) level (Tier 4 Final/Stage V models) Temperature: engine coolant, hydraulic oil, transmission oil Fuel level	✓		Auto idle shutdown	✓	
			Cat Autolube System		✓
			Cold weather package: transmission filter bypass, fan pump bypass, jacket water or engine block heater, ether aid ready		✓
			Ecology drains for engine, transmission, and hydraulics	✓	
With following warning indicators: Regeneration Temperature: axle oil, engine intake manifold Pressure: engine oil, fuel pressure hi/low, primary steering oil, service brake oil Battery voltage hi/low Engine air filter restriction Hydraulic oil filter restriction Hydraulic oil low Parking brake DEF low level (Tier 4 Final/ Stage V models) Transmission filter bypass	✓		Fenders, front with mud-flap/rear with extension	✓	
			Fenders, roading		\checkmark
			Filters: fuel, engine air, engine oil, hydraulic oil, transmission	✓	
			Fuel cooler	✓	
			Grease zerks	✓	
			Grill, airborne debris	✓	
			Guard, power train		✓
			Hitch, drawbar with pin	✓	
			Hood, non-metallic power tilting	✓	
			Platform, window washing		✓
			Precleaner, turbine		✓
			Precleaner, trash		✓
			Precleaner rain cap	✓	
			Service centers (electrical and hydraulic)	✓	
			Sight gauges: engine coolant, hydraulic oil, and transmission oil level	✓	
			Toolbox	✓	
			Vandalism protection caplocks	✓	
			OTHER CONFIGURATIONS		
			Aggregate handler		✓

Corrosion resistance

Forestry

Industrial and waste handler

Recommended Equipment and Work Tools

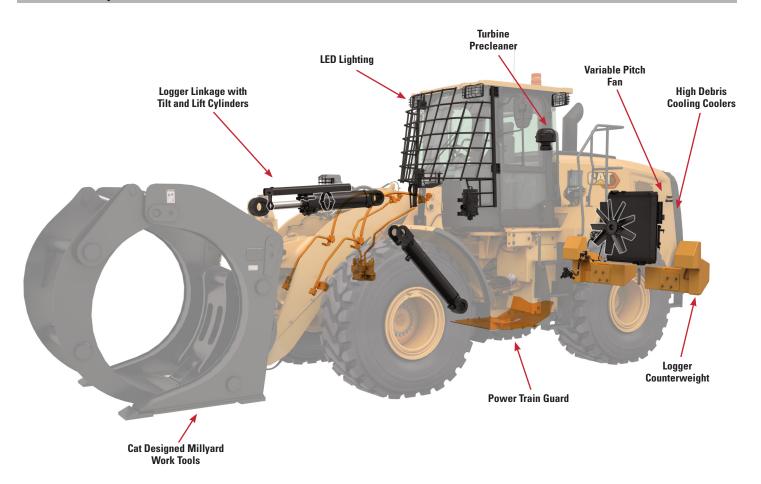
Recommended Forestry Configuration

- · Logger tilt and lift cylinders
- Logger counterweight
- 4th function hydraulics
- · Ride control
- Turbine engine precleaner
- · LED lighting package
- · Locking differential front axle
- · Windshield guard
- · Power train guard
- Suspension seat with dynamic dampening
- · Variable pitch fan
- High debris cooling coolers
- · Autolube
- · Object detection
- Fusion or VCE quick coupler

Millyard Work Tools

- · Sorting grapple forks
- · Millyard forks
- Log and lumber forks (84" or 96" carriage; 60", 72", or 96" tines)
- Pole forks (available with optional slip-on bucket)
- · Woodchip buckets
- · High dump buckets

962M Forestry Machine





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

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

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