



962M

Wheel Loader

Technical Specifications

Engine

Engine Model	Cat® C7.1	
Maximum Power (2,100 rpm)		
SAE J1995	202 kW	275 hp (metric)
ISO 14396	201 kW	273 hp (metric)
Maximum Net Power (2,100 rpm)		
ISO 9249	186 kW	253 hp (metric)
Peak Gross Torque (1,350 rpm)		
ISO 14396	1245 N·m	
Maximum Net Torque (1,350 rpm)		
ISO 9249	1172 N·m	
Bore	105 mm	
Stroke	135 mm	
Displacement	7.01 L	

- Meets either EU Stage V or EU Stage IV* emission standards. *Stage IV engines comply with the transition provisions of the EU non-road emission regulation
- 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	2.5-9.9 m ³
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Weight

Operating Weight	20 296 kg
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- Weight 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, sound suppression and a 3.6 m³ flat floor bucket with BOCE.

Transmission

Forward 1	6.9 km/h
Forward 2	12 km/h
Forward 3	19.3 km/h
Forward 4	25.7 km/h
Forward 5	39.5 km/h
Reverse 1	6.9 km/h
Reverse 2	12 km/h
Reverse 3	25.7 km/h

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

Hydraulic System

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

Brakes

Brakes	Brakes meet ISO 3450:2011 standards
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962M Wheel Loader Specifications

Axles

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

Cab

ROPS/FOPS	ROPS/FOPS meet ISO 3471:2008 and ISO 3449:2005 Level II standards
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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)	69 dB(A)*
Exterior Sound Power Level European Union Directive "2000/14/EC" as amended by "2005/88/EC."	104 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 70% of 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, moving forward in second gear ratio with the cooling fan speed set at maximum value.

Service Refill Capacities

Fuel Tank	275 L
DEF Tank*	16 L
Cooling System	59 L
Crankcase	22 L
Transmission	43 L
Differentials and Final Drives – Front	43 L
Differentials and Final Drives – Rear	43 L
Hydraulic Tank	125 L

*DEF must meet the requirements outlined in ISO 22241-1.

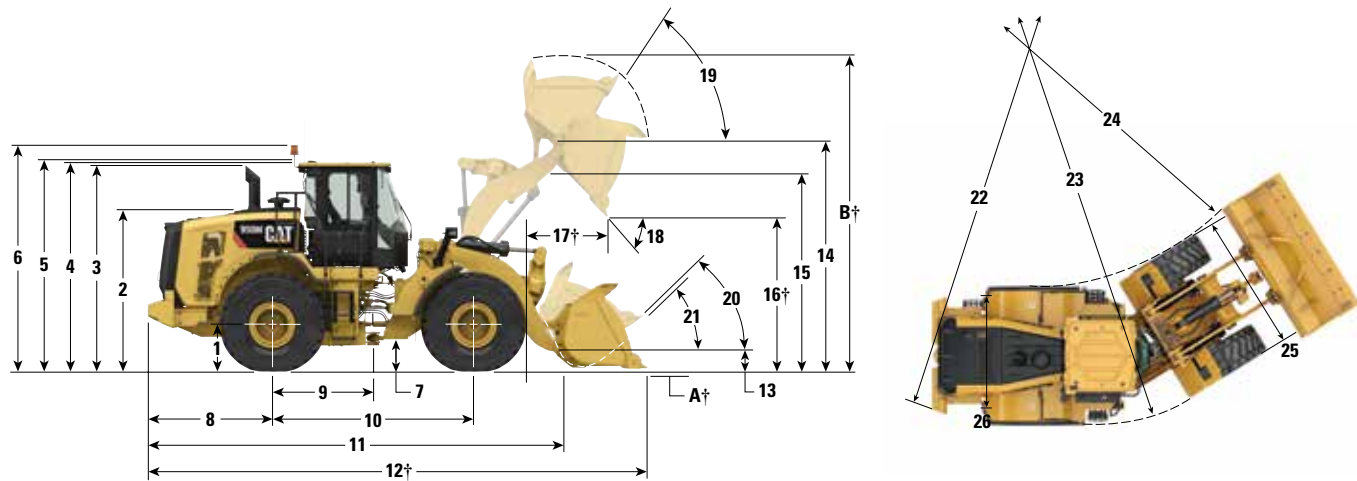
Air Conditioning System

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

962M Wheel Loader Specifications

Dimensions

All dimensions are approximate.



	Standard Lift with Aggregate Handler	High Lift with Auxiliary Counterweight
1 Height to Axle Centerline	747 mm	747 mm
2 Height to Top of Hood	2694 mm	2691 mm
3 Height to Top of Exhaust Pipe	3411 mm	3408 mm
4 Height to Top of ROPS	3447 mm	3444 mm
5 Height to Top of Product Link Antenna	3653 mm	3653 mm
6 Height to Top of Warning Beacon	3747 mm	3747 mm
7 Ground Clearance	364 mm	361 mm
8 Center Line of Rear Axle to Edge of Counterweight	2147 mm	2186 mm
9 Center Line of Rear Axle to Hitch	1675 mm	1675 mm
10 Wheelbase	3350 mm	3350 mm
11 Overall Length (without bucket)	7266 mm	7598 mm
12 Shipping Length (with bucket level on ground)*†	8574 mm	8946 mm
13 Hinge Pin Height at Carry Height	669 mm	779 mm
14 Hinge Pin Height at Max Lift	4235 mm	4524 mm
15 Lift Arm Clearance at Max Lift	3477 mm	3631 mm
16 Dump Clearance at Max Lift and 45° Discharge*†	3054 mm	3343 mm
17 Reach at Max Lift and 45° Discharge*†	1392 mm	1493 mm
18 Dump Angle at Max Lift and Dump (on stops)*	49 degrees	47 degrees
19 Rack Back at Max Lift*	59 degrees	59 degrees
20 Rack Back at Carry Height*	49 degrees	49 degrees
21 Rack Back at Ground*	37 degrees	37 degrees
22 Turning Radius to Counterweight	6022 mm	6064 mm
23 Turning Radius to Outside of Tires	5985 mm	5985 mm
24 Turning Radius to Inside of Tires	3219 mm	3219 mm
25 Width over Tires (unloaded)	2821 mm	2821 mm
Width over Tires (loaded)	2824 mm	2824 mm
26 Tread Width	2140 mm	2140 mm

* With 3.1 m³ pin-on MH bucket with BOCE (see Operating Specifications tables for other buckets).

†Dimensions 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.

962M Wheel Loader Specifications

Tire Options

Tire Brand	Michelin	Bridgestone	Goodyear	Bridgestone	Michelin	Michelin	Flexport	Flexport
Tire Size	23.5R25	23.5R25	23.5R25	23.5R25	750/65R25	23.5R25	23.5×25	23.5×25
Tread Type	L-3	L-3	L-3	L-3	L-3	L-5	—	—
Tread Pattern	XHA2	VMT	RT-3B	VJT	XLD	XLD D2	OTR	Smooth
Width over Tires – Maximum (empty)*	2821 mm	2810 mm	2840 mm	2809 mm	2954 mm	2825 mm	2808 mm	2798 mm
Width over Tires – Maximum (loaded)*	2824 mm	2835 mm	2847 mm	2832 mm	2967 mm	2835 mm	2821 mm	2820 mm
Change in Vertical Dimensions (average of front and rear)	0 mm	-2 mm	1 mm	-6 mm	-6 mm	28 mm	47 mm	48 mm
Change in Horizontal Reach	0 mm	6 mm	3 mm	6 mm	11 mm	-25 mm	-10 mm	-10 mm
Change in Clearance Circle to Outside of Tires	0 mm	12 mm	23 mm	9 mm	143 mm	11 mm	-2 mm	-4 mm
Change in Clearance Circle to Inside of Tires	0 mm	-12 mm	-23 mm	-9 mm	-143 mm	-11 mm	2 mm	4 mm
Change in Operating Weight (without Ballast)	0 kg	188 kg	127 kg	168 kg	801 kg	668 kg	3996 kg	4312 kg
Change in Static Tipping Load – Straight	0 kg	119 kg	81 kg	106 kg	507 kg	446 kg	2529 kg	2729 kg
Change in Static Tipping Load – Articulated	0 kg	104 kg	70 kg	93 kg	442 kg	389 kg	2204 kg	2378 kg

*Width over bulge and includes tire growth.

962M Wheel Loader Specifications

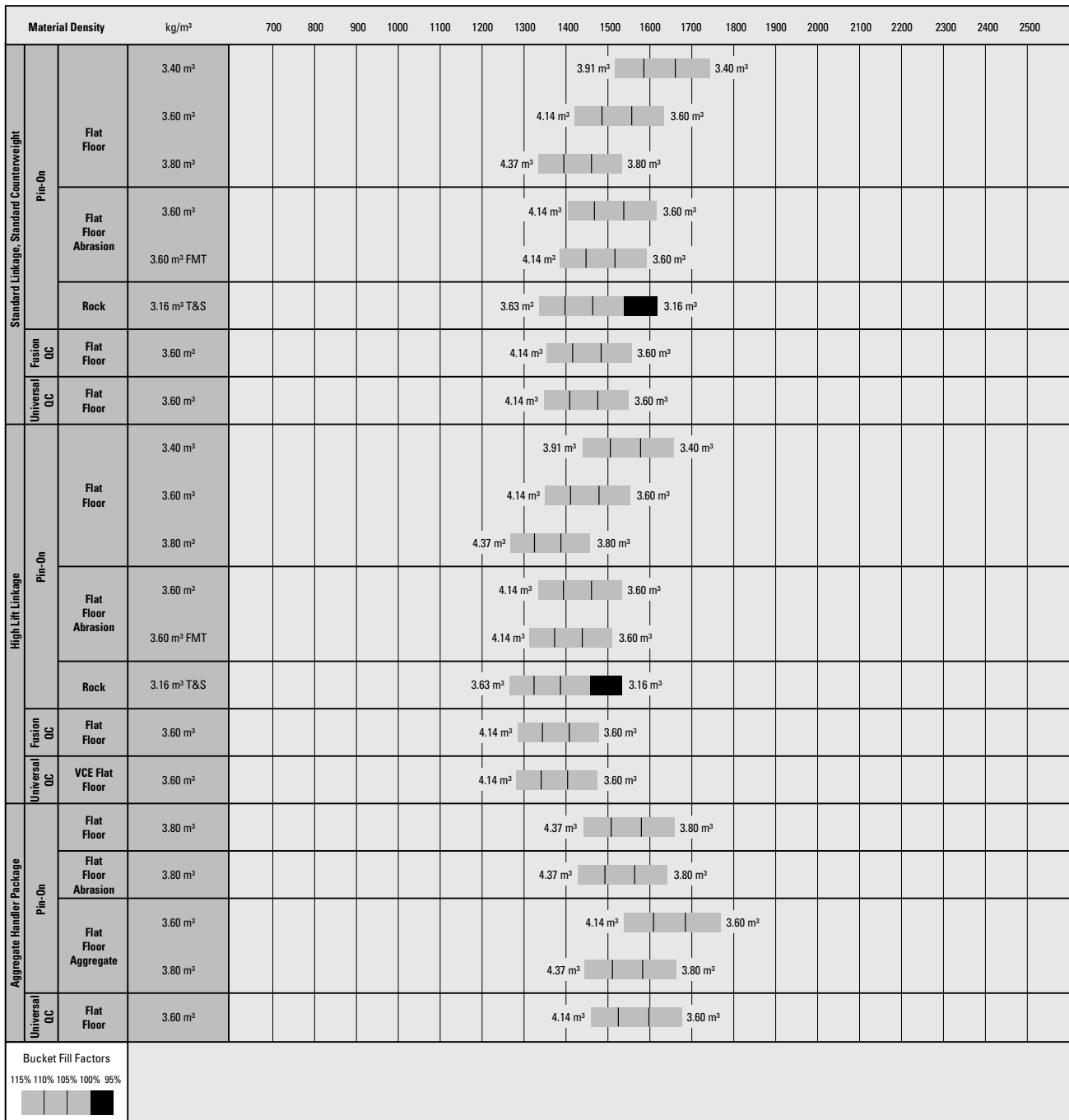
Bucket Fill Factors and Selection Chart

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

Loose Material		Material Density	Fill Factor (%)*
Earth/Clay		1500-1700 kg/m ³	115
Sand and Gravel		1500-1700 kg/m ³	115
Aggregate:	25-76 mm	1600-1700 kg/m ³	110
	19 mm and smaller	1800 kg/m ³	105
Rock:	76 mm and larger	1600 kg/m ³	100

*As a % of ISO 7546 rated capacity.

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



Note: All buckets are showing Bolt-On Edges.

QC = Quick Coupler

962M Wheel Loader Specifications

Operating Specifications with Buckets

Machine		Standard Linkage, Standard Counterweight						
Bucket Type		Flat Floor – Pin-On				Flat Floor – Fusion™ QC	Flat Floor – Universal QC	High Lift Linkage Change
		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Edge Type								
Capacity – Rated	m ³	3.40	3.40	3.60	3.60	3.60	3.60	
Capacity – Rated at 110% Fill Factor	m ³	3.74	3.74	3.96	3.96	3.96	3.96	
Width	mm	2927	2994	2927	2994	2927	2927	
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2978	2852	2946	2821	2904	2860	288
17† Reach at Maximum Lift and 45° Discharge	mm	1340	1442	1372	1474	1414	1458	101
Reach at Level Lift Arm and Bucket Level	mm	2869	3030	2914	3075	2974	3036	277
A† Digging Depth	mm	88	88	88	88	88	89	5
12† Overall Length	mm	8608	8780	8653	8825	8713	8775	372
B† Overall Height with Bucket at Maximum Lift	mm	5783	5783	5831	5831	5860	5888	289
Loader Clearance Circle with Bucket at Carry Position	mm	13 909	14 080	13 936	14 108	13 966	13 997	308
Static Tipping Load, Straight (With Tire Deflection)*	kg	13 477	13 337	13 383	13 243	12 828	12 741	-630
Static Tipping Load, Straight (No Tire Deflection)*	kg	14 201	14 060	14 109	13 967	13 544	13 445	-722
Static Tipping Load, Articulated (With Tire Deflection)*	kg	11 533	11 393	11 445	11 304	10 917	10 859	-611
Static Tipping Load, Articulated (No Tire Deflection)*	kg	12 278	12 137	12 192	12 050	11 655	11 585	-694
Breakout Force	kN	183	182	177	176	169	162	-1
Operating Weight*	kg	20 252	20 360	20 296	20 404	20 739	20 551	593

Machine		Standard Linkage, Standard Counterweight						
Bucket Type		Flat Floor Abrasion – Pin-On			Flat Floor – Pin-On	Rock – Pin-On	High Lift Linkage Change	
		Bolt-On Cutting Edges	Teeth and Segments	Flush Mounted Teeth	Bolt-On Cutting Edges	Teeth and Segments		
Edge Type								
Capacity – Rated	m ³	3.60	3.60	3.60	3.80	3.16		
Capacity – Rated at 110% Fill Factor	m ³	3.96	3.96	3.96	4.18	3.48		
Width	mm	2927	2994	2994	2927	2969		
16† Dump Clearance at Maximum Lift and 45° Discharge	mm	2943	2817	2783	2910	2853	288	
17† Reach at Maximum Lift and 45° Discharge	mm	1375	1477	1554	1408	1604	101	
Reach at Level Lift Arm and Bucket Level	mm	2919	3080	3158	2965	3117	277	
A† Digging Depth	mm	88	88	61	88	91	5	
12† Overall Length	mm	8658	8830	8888	8704	8894	372	
B† Overall Height with Bucket at Maximum Lift	mm	5837	5837	5884	5879	5730	289	
Loader Clearance Circle with Bucket at Carry Position	mm	13 939	14 111	14 137	13 967	14 145	308	
Static Tipping Load, Straight (With Tire Deflection)*	kg	13 251	13 108	13 112	13 275	13 881	-630	
Static Tipping Load, Straight (No Tire Deflection)*	kg	13 976	13 832	13 844	14 002	14 650	-722	
Static Tipping Load, Articulated (With Tire Deflection)*	kg	11 313	11 170	11 164	11 342	11 855	-611	
Static Tipping Load, Articulated (No Tire Deflection)*	kg	12 060	11 916	11 918	12 091	12 646	-694	
Breakout Force	kN	176	175	180	170	177	-1	
Operating Weight*	kg	20 412	20 520	20 607	20 350	21 039	593	

*Static tipping loads and operating weights 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.

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

QC = Quick Coupler

962M Wheel Loader Specifications

Operating Specifications with Buckets – Aggregate Handler

Machine		Standard Linkage, Aggregate Handler**				
		Flat Floor – Pin-On	Flat Floor Abrasion – Pin-On	Flat Floor Aggregate – Pin-On		Flat Floor – Universal QC
Bucket Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Edge Type						
Capacity – Rated	m ³	3.80	3.80	3.60	3.80	3.60
Capacity – Rated at 110% Fill Factor	m ³	4.18	4.18	3.96	4.18	3.96
Width	mm	2927	2927	2914	2914	2927
16 † Dump Clearance at Maximum Lift and 45° Discharge	mm	2910	2910	2964	2928	2860
17 † Reach at Maximum Lift and 45° Discharge	mm	1408	1408	1354	1390	1458
Reach at Level Lift Arm and Bucket Level	mm	2965	2965	2889	2940	3036
A † Digging Depth	mm	88	88	88	88	89
12 † Overall Length	mm	8743	8743	8667	8718	8814
B † Overall Height with Bucket at Maximum Lift	mm	5879	5866	5816	5868	5888
Loader Clearance Circle with Bucket at Carry Position	mm	13 967	13 967	13 909	13 940	13 997
Static Tipping Load, Straight (With Tire Deflection)*	kg	14 362	14 240	14 497	14 385	13 800
Static Tipping Load, Straight (No Tire Deflection)*	kg	15 165	15 042	15 297	15 188	14 576
Static Tipping Load, Articulated (With Tire Deflection)*	kg	12 239	12 116	12 367	12 262	11 732
Static Tipping Load, Articulated (No Tire Deflection)*	kg	13 070	12 947	13 196	13 093	12 537
Breakout Force	kN	170	170	181	174	162
Operating Weight*	kg	20 919	21 030	20 848	20 901	21 120

*Static tipping loads and operating weights 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.

**Aggregate Handler Configurations are NOT compatible with L5 Tires, Teeth, Teeth and Segments, and Spade Nose Rock Bucket.

(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.

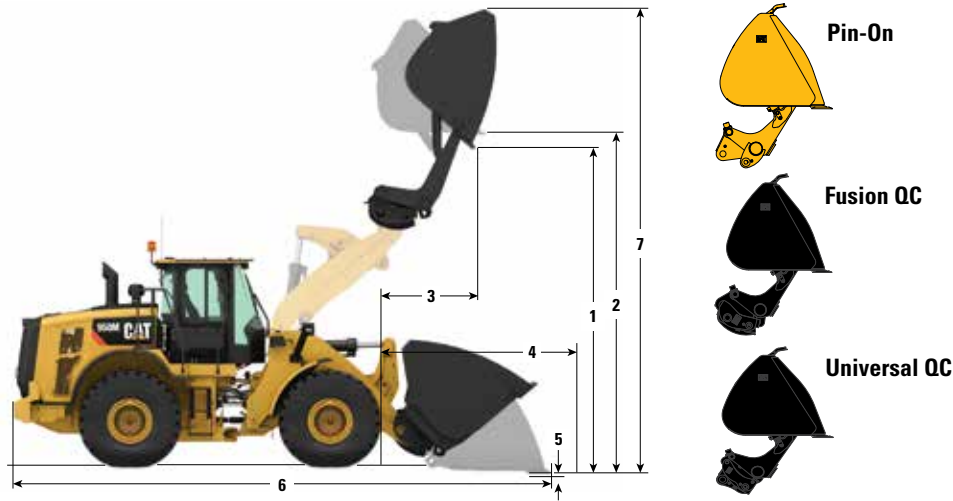
†Illustration shown with Dimension charts.

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

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962M Wheel Loader Specifications

Operating Specifications with High Dump Buckets



Machine		Aggregate Handler		
		Pin-On	Fusion QC	Universal QC
Bucket Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Edge Type				
Capacity – Rated	m ³	9.20	9.20	9.20
Capacity – Rated at 110% Fill Factor	m ³	10.10	10.10	10.10
Width	mm	3350	3350	3350
Nominal Material Density 100% Fill Factor	kg/m ³	560	530	530
1 Dump Clearance at Maximum Lift, Maximum Rack, Bucket Rolled out to 45° Discharge	mm	4487	4540	4553
2 Clearance at Maximum Lift, Maximum Rack, Bucket Rolled out to Level	mm	5130	5183	5190
3 Reach at Maximum Lift, Maximum Rack, Bucket Rolled out to 45° Discharge	mm	2033	2070	2078
4 Reach at Level Lift Arm and Bucket Level	mm	3770	3835	3850
5 Digging Depth	mm	57	57	58
6 Overall Length	mm	9547	9612	9627
7 Overall Height with Bucket at Maximum Height and Maximum Rack	mm	7196	7249	7261
Loader Clearance Circle with Bucket at Carry Position	mm	7289	7313	7319
Static Tipping Load, Straight (With Tire Deflection)*	kg	12 092	11 438	11 537
Static Tipping Load, Straight (No Tire Deflection)*	kg	12 928	12 256	12 352
Static Tipping Load, Articulated (With Tire Deflection)*	kg	10 084	9460	9566
Static Tipping Load, Articulated (No Tire Deflection)*	kg	10 940	10 299	10 401
Breakout Force	kN	106	102	101
Operating Weight*	kg	22 307	22 873	22 653

*Static tipping loads and operating weights 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.

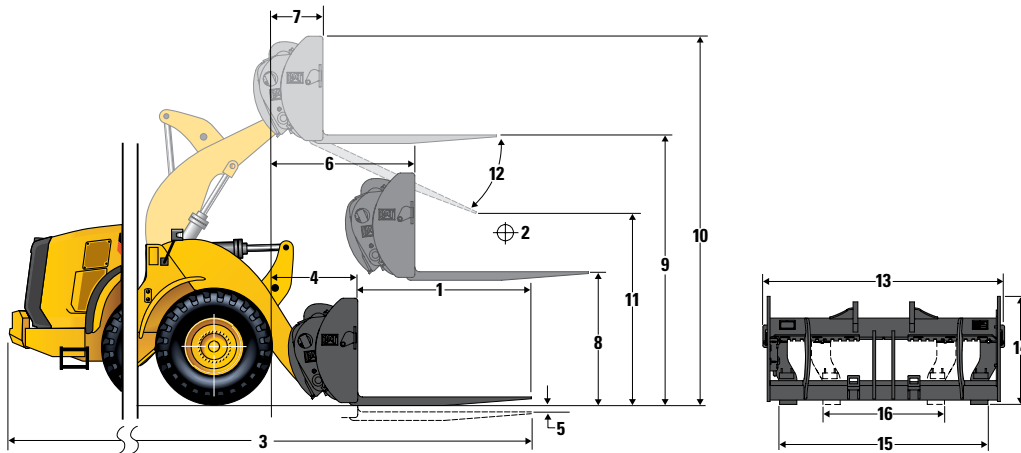
Additional buckets are available and offerings vary by region. Consult your local Cat dealer for further details.

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962M Wheel Loader Specifications

Operating Specifications with Pallet Fork

All dimensions are approximate.



Machine Interface		Standard Counterweight
		Fusion QC
1 Tine Length	mm	1524
2 Load Center	mm	762
3 Maximum Overall Length	mm	9144
4 Reach with Forks at Ground Level	mm	1317
5 Ground to Top of Tine at Minimum Height and Fork Level	mm	24
6 Reach with Arms Horizontal and Forks Level	mm	1836
7 Reach with Fork at Maximum Height	mm	957
8 Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1889
9 Ground to Top of Tine at Maximum Height and Fork Level	mm	4041
10 Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5081
11 Clearance at Full Lift and Maximum Dump	mm	2515
12 Maximum Discharge Angle from Horizontal	degrees	52
13 Overall Carriage Width	mm	2528
14 Overall Carriage Height	mm	1130
15 Outside Tine Width (maximum spread)	mm	2178
16 Outside Tine Width (minimum spread)	mm	576
Tine Width (single tine)	mm	180.0
Tine Thickness	mm	90.0
Tine Capacity	kg	17 800
Static Tipping Load – Straight (Forks Level)*	kg	10 165
Static Tipping Load – Articulated (Forks Level)*	kg	8716
Rated Load (SAE J1197 – 50% FTSTL)**	kg	4358
Rated Load (CEN EN 474-3 Rough Terrain – 60% FTSTL)**	kg	5230
Rated Load (CEN EN 474-3 Firm and Level Ground – 80% FTSTL)**	kg	6973
Operating Weight*	kg	20 221

*Static tipping loads and operating weights are based on L3 Michelin XHA tires, air conditioning, ride control, power train guard, full fluids, fuel tank, coolant, lubricants, and operator.

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

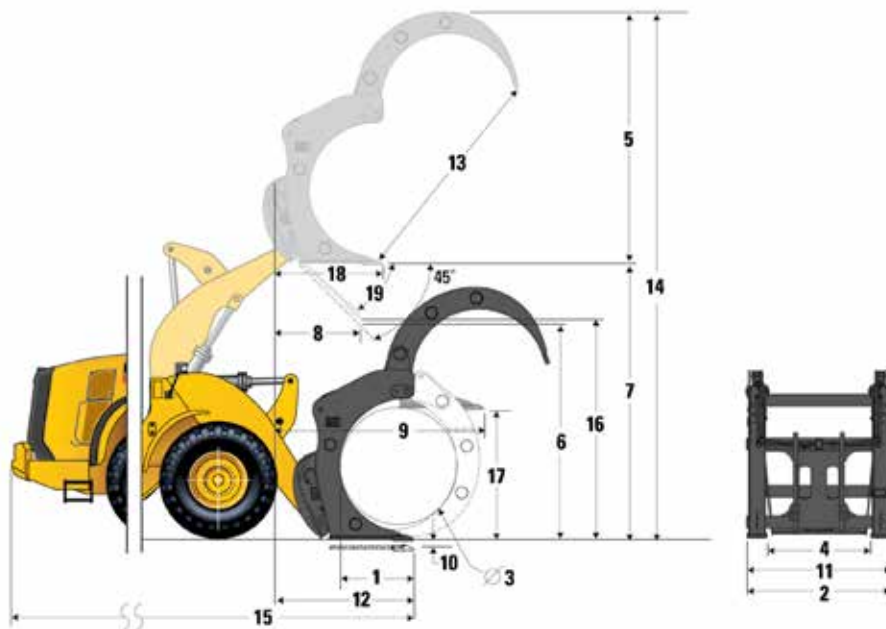
Refer to the Forks Product Bulletins for capacity load charts.

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

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962M Wheel Loader Specifications

Operating Specifications with Logging Sorting Grapple



Machine Interface		Logger						
		Pin-On		Fusion QC		Universal QC		
End Area		2.5 m ²	2.8 m ²	2.5 m ²	2.8 m ²	2.5 m ²	2.8 m ²	
1	Tine Length	mm	1230	1308	1230	1308	1230	1308
2	Fork Width	mm	1837	1909	1837	1909	1837	1909
3	Minimum Opening	mm	1382	1344	1382	1344	1382	1344
4	Distance Inside of Tine Tips	mm	1284	1376	1284	1376	1284	1376
5	Max Height of Fork (with Clamp Open if Applicable)	mm	3133	3488	3132	3487	3133	3488
6	Clearance with Full Lift, 45° Dump (If Max Dump <> 45)	mm	3008	2941	3009	2992	2900	2857
7	Clearance at Full Lift Fork Level	mm	3892	3892	3893	3941	3892	3896
8	Reach with Full Lift, 45° Dump (If Max Dump <> 45)	mm	1260	1327	1260	1345	1369	1416
9	Reach with Lift Arm Horizontal and Fork Level	mm	2792	2887	2792	2864	2946	3010
10	Digging Depth	mm	-125	-125	-124	-79	-125	-121
11	Width Over Tines	mm	1744	1816	1744	1816	1744	1816
12	Reach at Ground Level	mm	2252	2347	2251	2290	2406	2467
13	Max Opening Across Tine and Clamp	mm	2933	3257	2933	3257	2933	3257
14	Overall Height of Fork at Full Lift and Clamp Open	mm	7025	7380	7025	7428	7025	7384
15	Overall Length (Tip of Tine to Rear of Machine)	mm	8594	8689	8593	8593	8748	8809
16	Clearance at Full Lift and Max Dump Discharge (If <> 45)	mm	2998	2930	2885	2761	2757	2655
17	Clearance with Horizontal Lift Arms and Fork Level	mm	1740.9	1740.9	1740.9	1789	1740.4	1743.9
18	Reach at Full Lift and Fork Level	mm	1913.4	2008.4	1913.4	1985.2	2066.9	2131.1
19	Max Discharge Angle From Horizontal	degrees	46	46	57	70	57	62
	Rated Payload	kg	7260	7008	6980	6240	6673	6525
	Static Tipping Load, Articulated Fork Level	kg	9075	8761	8728	7802	8342	8156
	Static Tipping Load, Straight Fork Level	kg	10 700	10 377	10 352	9284	9896	9716
	Operating Weight	kg	21 067	21 331	21 581	21 286	21 448	21 684

Static tipping loads and operating weights are based on the following loader configuration: L3 Michelin XHA tires, air conditioning, ride control, power train guard, full fluids, fuel tank, coolant, lubricants, and operator. The rated operating load for a loader equipped with a logging fork is determined by: CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit. Refer to the Forks Product Bulletins for capacity load charts.

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

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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		Standard	Optional
POWER TRAIN			OPERATOR ENVIRONMENT		
Axles, ecology drains	✓		Air conditioner, heater, and defroster (auto temp and fan)	✓	
Axles, manually actuated differential lock front axle, open differential rear axle	✓		Beverage holders (2) with storage compartment for cell phone/MP3 player	✓	
Axles – automatic front/rear differential locks, axle oil cooler, seal guards		✓	Bucket/work tool function lockout	✓	
Brake wear indicators	✓		Cab access ladders and handrails	✓	
Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS)	✓		Cab air filter	✓	
Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF) and Diesel Exhaust Fluid (DEF) tank and pump	✓		Cab, pressurized and sound suppressed (ROPS/FOPS)	✓	
Economy mode (selectable)	✓		Cab tie-off	✓	
Engine, Cat C7.1 – Stage V	✓		Coat hook (2)	✓	
Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand	✓		Cover, HVAC metallic		✓
Fan, VPF (variable pitch fan), automatic and manual control		✓	Door, remote opening system		✓
Fuel priming pump (electric)	✓		EH controls, SAL (single axis lever) lift and tilt function	✓	
Fuel/water separator	✓		EH controls, joystick lift and tilt – additional integrated roller switches for 3 rd and 4 th functions		✓
Parking brake, disc and caliper	✓		EH controls, SAL 3 rd function – additional roller switch for 4 th function		✓
Precleaner, engine air intake	✓		EH parking brake	✓	
Radiator, high debris, wide fin spacing		✓	Filter, carbon fresh air		✓
Switch, transmission neutralizer lockout	✓		Horn, electric	✓	
Torque converter, locking clutch with free wheel stator	✓		Light, two dome (cab)	✓	
Transmission, automatic countershaft power shift (5F/3R)	✓		Mirrors, heated rearview external with integrated spot mirrors		✓
CAT® CONNECT TECHNOLOGY			Mirrors, rearview external with integrated spot mirrors	✓	
Detect technologies:			Multi-function 18 cm color LCD touch-screen display for rear vision camera image display (reverse travel activated) and machine status, setting and health parameters	✓	
Rear vision camera	✓		Post mounted membrane 16 switch keypad	✓	
Cat rear object detection		✓	Precleaner, HVAC		✓
Link technologies:			Precleaner, HVAC (RESPA)		✓
Product Link	✓		Radio, AM/FM/USB/MP3 Bluetooth		✓
VIMS™		✓	Radio, AM/FM/CD/USB/MP3 Bluetooth		✓
Payload technologies: Advanced Productivity subscription, Cat Production Measurement 2.0, Printer, Aggregate Autodig		✓	Radio, AM/FM/CD/USB/MP3 Bluetooth with Satellite Sirius and XM		✓
Machine security system		✓	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		Standard	Optional
OPERATOR ENVIRONMENT (continued)			ELECTRICAL AND LIGHTING (continued)		
Roof, metallic		✓	Main disconnect switch	✓	
Seat, cloth, air suspension	✓		Receptacle start (cables not included)	✓	
Seat, suede/cloth, air suspension, heated		✓	Reversing strobes		✓
Seat, leather/cloth, air suspension, heated/cooled		✓	Speed limiter – 20 km/h		✓
Seat belt, 51 mm (2 in) retractable, with indicator	✓		Starter, electric, heavy duty	✓	
Seat belt, 4-point harness, with indicator		✓	Starting and charging system (24V)	✓	
Seat, heated air suspension		✓	Secondary steering	✓	
Steering, EH joystick, speed sensing with force feedback		✓	Warning amber strobe beacon		✓
Steering, steering wheel		✓	FLUIDS		
Sun visor, front	✓		Bio-degradable oil, Cat HYDRO™		✓
Sun visor, rear		✓	Premixed extended life coolant with freeze protection to -34°C (-29°F)	✓	
Viscous mounts	✓		Premixed extended life coolant with freeze protection to -50°C (-58°F)		✓
Wet-arm wipers/washers front and rear, intermittent front wiper	✓		HYDRAULICS		
Windows, rubber mounted		✓	Couplings, Cat O-ring face seal	✓	
Window, sliding (left and right sides)	✓		Hoses, Cat XT™	✓	
Windows, with front guard		✓	Hydraulic system, load sensing	✓	
Windows, with full guards front, rear and sides		✓	Oil sampling valves	✓	
ELECTRICAL AND LIGHTING			3 rd function with Ride Control – standard linkage, high lift linkage, forestry linkage		✓
Alarm, back-up	✓		4 th function with Ride Control – standard linkage, high lift linkage, forestry linkage		✓
Alternator, 145-amp brushed	✓		Remote diagnostic pressure taps	✓	
Batteries (2), maintenance free 1,400 CCA	✓		Ride control, 2V	✓	
External seat belt indicator light		✓	Steering, load sensing	✓	
Ignition key; start/stop switch	✓		LINKAGE		
Lighting system:	✓		Forestry		✓
– Four halogen work lights (cab mounted)			High lift		✓
– Two LED stop, turn, tail lights			Kickout, lift and tilt, automatic (adjustable in cab)	✓	
– Two halogen roading lights (with signals)			Quick coupler ready		✓
– Two halogen rear vision lights (hood mounted)			Z-bar, cast crosstube/tilt lever	✓	
Work lights, four additional halogen cab-mounted or;		✓	STARTERS, BATTERIES, AND ALTERNATORS		
Work lights, two additional auxiliary front HI LED and two additional auxiliary rear LED cab-mounted, two LED work lights in the radiator grill, LED front turn signals, replacement of the standard four halogen cab mounted work lights with four LED work lights, LED roading lights		✓	Cold start – 240V		✓
			WORK TOOLS		
			Forks, logging		✓
			Forks, pallet		✓
			Fusion quick coupler, ISO coupler		✓
			Performance Series buckets		✓

(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 EQUIPMENT		
With following gauges:	✓		Auto idle shutdown	✓	
Speedometer/tachometer			Cat Autolube System		✓
Digital gear range indicator			Cold weather package		✓
Diesel Exhaust Fluid (DEF) level			– Transmission filter bypass		
Temperature: engine coolant, hydraulic oil, transmission oil			– Fan pump bypass		
Fuel level			– Jacket water or engine block heater		
			– Ether aid ready		
With following warning indicators:	✓		Ecology drains for engine, transmission, and hydraulics	✓	
Temperature: axle oil, engine intake manifold			Fenders, front with mud-flap/rear with extension	✓	
Pressure: engine oil, fuel pressure hi/low, primary steering oil, service brake oil			Fenders, roading		✓
Battery voltage hi/low			Filters: fuel, engine air, engine oil, hydraulic oil, transmission	✓	
Engine air filter restriction			Fuel cooler	✓	
Hydraulic oil filter restriction			Grease zerks	✓	
Hydraulic oil low			Grill, airborne debris	✓	
Parking brake			Guard, power train		✓
DEF low level			Hitch, drawbar with pin	✓	
Transmission filter bypass			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		✓
			Industrial and waste handler		✓
			Forestry		✓

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AEXQ2446-00 (2-2019)
2019 Product Update
Europe

