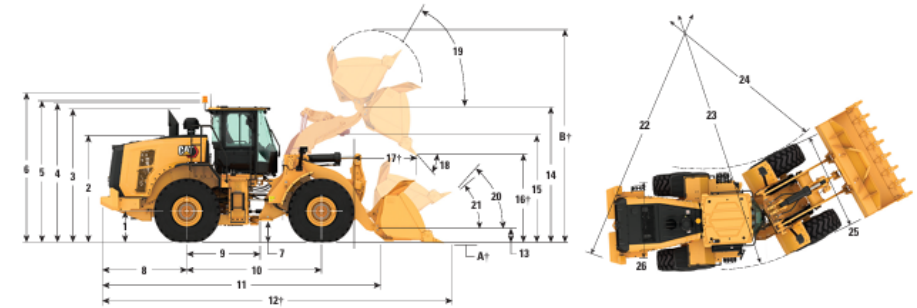


962M WHEEL LOADER | 20T

PRODUCT SPECIFICATIONS

CAT

Engine	
Model	CAT C7.1 ACERT
Net Power (ISO 9249)	202 kW / 271 hp
Gross Power (ISO 14396)	204 kW / 274 hp
Displacement	7.01 L / 427.7 in ³
Rated Speed	1,800 rpm
Weights and Bucket Capacities	
Operating Weight	~20,200 kg / ~44,500 lb
Bucket Capacities	2.7 – 4.4 m ³ / 3.5 – 5.75 yd ³
Performance	
Breakout Force	~147 kN / ~33,000 lbf
Tipping Load (Straight)	~12,700 kg / ~28,000 lb
Tipping Load (Full Turn)	~11,000 kg / ~24,250 lb
Rated Payload (ISO 14397-1)	4.0–4.5 t / 4.4–5.0 US tons
Hydraulics	
Main Pump Type	Variable-displacement piston
Max Hydraulic Flow	2 × 227 L/min / 2 × 60 gal/min
Relief Pressure (Main)	~34.5 MPa / ~5,000 psi
Dimensions	
Wheelbase	3,350 mm / 11.0 ft
Height to Cab	3,450 mm / 11.3 ft
Overall Length (with bucket)	8,165 mm / 26.8 ft
Ground Clearance	411 mm / 1.35 ft
Transmission	
Type	Cat Intelligent Power Shift
Forwards Gears	6
Reverse Gears	3
Top Speed (Forward)	40 km/h / 25 mph
Top Speed (Reverse)	28 km/h / 17 mph
Maximum travel speed in standard vehicle with empty bucket and standard L3 tyres with 787 mm roll radius.	
Fluid Capacities	
Fuel Tank	290 L / 76.6 gal
Hydraulic Tank	110 L / 29 gal
Cooling System	50 L / 13.2 gal



	Standard Lift		High Lift	
1 Height to Axle Centerline	731 mm	2'4"	731 mm	2'4"
2 Height to Top of Hood	2692 mm	8'9"	2692 mm	8'9"
3 Height to Top of Exhaust Pipe	3405 mm	11'3"	3405 mm	11'3"
4 Height to Top of ROPS	3453 mm	11'4"	3453 mm	11'4"
5 Height to Top of Product Link Antenna	3460 mm	11'5"	3460 mm	11'5"
6 Height to Top of Warning Beacon	3733 mm	12'3"	3733 mm	12'3"
7 Ground Clearance	351 mm	1'1"	351 mm	1'1"
8 Centerline of Rear Axle to Edge of Counterweight	2077 mm	6'9"	2186 mm	7'2"
9 Centerline 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)	7052 mm	23'2"	7542 mm	24'9"
12 Shipping Length (with bucket level on ground)*†	8429 mm	27'8"	8911 mm	29'3"
13 Hinge Pin Height at Carry Height	660 mm	2'1"	744 mm	2'5"
14 Hinge Pin Height at Maximum Lift	4167 mm	13'8"	4473 mm	14'8"
15 Lift Arm Clearance at Maximum Lift	3604 mm	11'9"	3773 mm	12'4"
16 Dump Clearance at Maximum Lift and 45° Discharge*†	2993 mm	9'9"	3298 mm	10'9"
17 Reach at Maximum Lift and 45° Discharge*†	1305 mm	4'3"	1423 mm	4'8"
18 Dump Angle at Maximum Lift and Dump (on stops)*	52 degrees		49 degrees	
19 Rack Back at Maximum Lift*	60 degrees		65 degrees	
20 Rack Back at Carry Height*	49 degrees		54 degrees	
21 Rack Back at Ground*	40 degrees		45 degrees	
22 Clearance Circle (dia) to Counterweight	12 044 mm	39'7"	12 128 mm	39'10"
23 Clearance Circle (dia) to Outside of Tires	12 029 mm	39'6"	12 029 mm	39'6"
24 Clearance Circle (dia) to Inside of Tires	6379 mm	25'0"	6379 mm	25'0"
25 Width over Tires (unloaded)	2804 mm	9'3"	2804 mm	9'3"
Width over Tires (loaded)	2825 mm	9'4"	2825 mm	9'4"
26 Tread Width	2140 mm	7'0"	2140 mm	7'0"

All height and tire related dimensions are with Bridgestone 23.5R25 VJLT L3 radial tires (see Tire Options chart for other tires). *Width over Tires" dimensions are over the bulge and include growth.

*All dimensions are approximate and based on machine equipped with 3.3 m³ (4.3 yd³) general purpose pin-on bucket with BOCE (see Operating Specifications for other buckets).

†Dimensions are listed in Operating Specifications charts.

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