

950H/962H

Wheel Loaders



	950H	962H
Engine Model	Cat® C7 ACERT™	Cat C7 ACERT
Maximum Net Power (1,900 rpm)		
ISO 9249/SAE J1349 (metric)	147 kW (200 hp)	156 kW (212 hp)
ISO 9249/SAE J1349 (imperial)	197 hp	209 hp
Bucket Capacities	2.5-3.5 m ³ (3.25-4.5 yd ³)	2.7-3.8 m ³ (3.5-5.0 yd ³)
Operating Weight	18 320 kg (40,376 lb)*	19 121 kg (42,141 lb)**

*For 3.1 m³ (4.0 yd³) general purpose bucket with BOCE.

**For 3.4 m³ (4.45 yd³) general purpose bucket with BOCE.

Key Features

Performance Series Buckets

The new Performance Series buckets are easier to load, achieve greater fill factors and retain more material for significantly greater productivity and fuel efficiency.

Work Tools

A large variety of pin-on and coupler work tools are available for your machine. Cat Work Tools are durable, reliable and designed for improved performance and efficiency.

Cab and Controls

The cab has been updated for unmatched comfort and efficiency. A new center display combines the Electronic Monitoring System with the gauge cluster which enabled the control panel on the right front ROPS post to be reduced in size for better visibility. The analog-like gauges have green and red zone indicators so operators can easily see if machine systems are within operating range. The right hand door is replaced with a window which is vertically split for easy opening and closing.

Transmission Improvements

The legendary Cat planetary power shift transmission is updated to provide faster acceleration, speed up ramps and greater operator comfort due to smoother shifting.

Hydraulics

A new mono block main hydraulic valve is implemented into the machine. Its mono block design is smaller and lighter which improves access for service and machine weight distribution.

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The 950H and 962H deliver performance you can feel in the most demanding applications. These machines offer unmatched operator comfort and efficiency in a world-class cab. New Performance Series buckets deliver decreased dig times, greater fill factors and superior material retention to increase productivity and reduce fuel consumption. Revolutionary electro-hydraulic (EH) provide low-effort finger-tip operation of lift, tilt and auxiliary work tool controls. The reliability, durability, and versatility of the 950H and 962H result in machines that are better built to meet your needs.

Reliability

Tested and Proven – Ready to Work.



Caterpillar Designed Components

Components used to build Cat Wheel Loaders are designed and manufactured to Caterpillar quality standards to ensure maximum performance even in extreme operating conditions. Heavy duty components reduce the risk of premature wear thereby increasing uptime and reduce operating costs over the life of the machine.

Monitoring Programs

Monitoring product health is key to maintaining reliability of any equipment. Many programs offered by your Cat dealer make the tracking of your machine health quick and easy. These programs include Product Link™*, VisionLink™, and S-O-SSM Services.

Renowned Cat Dealer Support

From helping you choose the right machine to knowledgeable support, Cat dealers provide the best when it comes to sales and service. Manage costs with preventive maintenance programs like Scheduled Oil Sampling (S-O-S) analysis or comprehensive Customer Support Agreements. Stay productive with best-in-class parts availability. Cat dealers can even help you with operator training to help boost your profits. And when it's time for machine rebuild, your Cat dealer can help you save even more with Genuine Cat Reman parts, which have the same reliability and warranty as new parts at 40 to 70 percent of the new parts prices on power train and hydraulic parts.

Structures

The H Series features many components which leverage product designs that have delivered reliable and durable machines for generations.

* Not all programs are available in all areas. See your Caterpillar dealer for details.



Durability

Better Built to Meet Your Needs.

Z-Bar Linkage

The proven Z-bar linkage with Performance Series Buckets offer excellent penetration into the pile, high breakout forces, good roll back angles and faster dig times. The results are improved tire life, superior fuel efficiency and exceptional production capabilities; all helping to enable a sustainable solution for your business.

C7 ACERT Engine

The Cat C7 engine with ACERT Technology maintains engine performance, efficiency and durability while dramatically reducing emissions. Electronic fuel injection is provided through the well-proven Caterpillar hydraulically actuated, electronically controlled unit injection (HEUI™) system. A wastegate turbocharger, equipped with a titanium wheel for improved durability, combined with air-to-air aftercooling provides consistent high horsepower with increased altitude capability.

Axles

The axles are designed to handle extreme applications resulting in reliable performance and extended life. The front axle is rigidly mounted to the frame in order to withstand internal torque loads and still maintain support for the wheel loader. The rear axle can oscillate to ± 13 degrees helping to ensure all four wheels stay on the ground providing stability even in the roughest terrain.



Productivity

Work Smart and Move More.





Transmission

The legendary Cat planetary power shift transmission is updated with new shift logic. The downshift from 2 to 1 forward is now based upon torque requirements versus ground speed. This enables operators to use the fully automatic 1-4 mode which saves fuel and improves productivity and comfort. Speed shifts, both up shifts and downshifts have been dramatically improved for improved acceleration, speed on ramps and operator comfort.

Load Sensing Hydraulics

The 950H and 962H feature a load sensing hydraulic system that automatically adjusts to operating conditions to provide only the hydraulic flow required by the implement for improved fuel efficiency. A new hydraulic valve has been implemented providing improved service access and machine weight distribution. Operators will notice enhanced ease of operation, more rimpull into the pile and an increase in lift force.

Constant Net Horsepower

The Cat C7 engine is electronically configured to provide constant net horsepower at full parasitic load, enhancing productivity and improving fuel efficiency.

On-Demand Fan

With electronic control of the variable speed on-demand fan, temperature levels of the engine coolant, transmission oil, hydraulic oil and air inlet manifold are constantly monitored. This data is used to control and maintain fan speed at the level necessary to maintain normal system temperatures. Controlled fan speed improves fuel efficiency, lowers noise levels and reduces radiator plugging.

Ride Control

The optional Ride Control System improves ride, performance and load retention when traveling over rough terrain. Operators gain confidence moving at higher speeds in load and carry operations decreasing cycle times and increasing productivity. Ride Control also reduces loads induced by travel over rough terrain and can extend the life of structures and drive line components.

Engine Idle Management System

The Engine Idle Management System (EIMS) maximizes fuel efficiency by reducing engine rpm after a selected amount of time. This gives customers flexibility in managing idle speeds for specific application requirements. Four idle control rpm levels are available.

Engine Idle Shutdown

The Engine Idle Shutdown feature automatically shuts down the engine after the machine has been idling for a predetermined amount of time. This saves you fuel and reduces hour accumulation on your machine.



Versatility

Work Tool Options to Meet Your Needs.



Work Tools for Many Job Site Requirements

An extensive range of work tools and bucket styles are available for the 950H and 962H allowing you to be able to customize these machines for your operation. The list includes: Performance Series Buckets (General Purpose, Material Handling, Rock); Specialty Buckets (Multi-Purpose, Side Dump, High Dump, Top Clamp, Waste Handling, Woodchip); Pallet Forks, Forestry Forks (Log and Lumber, Logging, Millyard), Pipe and Pole Forks; Plows (angle or V-style); and Rakes (with or without top clamp).

Performance Series Buckets: Load Easy, Fuel Efficient, Carry More

Performance Series Buckets utilize a system-based approach to balance bucket shape with the machine's linkage, weight, lift and tilt capacities. Operators benefit from reduced dig times and better material retention; ultimately translating into significant productivity and fuel efficiency improvements.

Lower Operating Costs

Performance Series Buckets feature a longer floor that easily digs through the pile and provides excellent visibility for the operators to see when the bucket is full. Less time digging in the pile results in lower fuel consumption and improved tire life. A unique spill guard protects the cab and linkage components from material overflow.

Higher Productivity

Performance Series Buckets achieve higher fill factors for your operation – ranging from 100% to 115% depending on the machine application and material type. The buckets feature optimized geometry with a bucket opening matched to the machine's linkage and incorporate a curved side profile to maximize material retention. The optimized design results in unsurpassed production capabilities.

Note: Check with your local Cat dealer for availability of work tools and quick coupler systems.

Fusion Quick Coupler

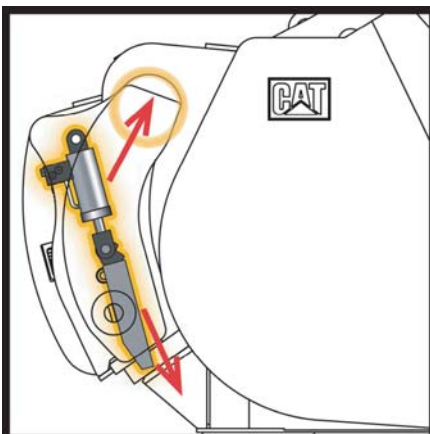
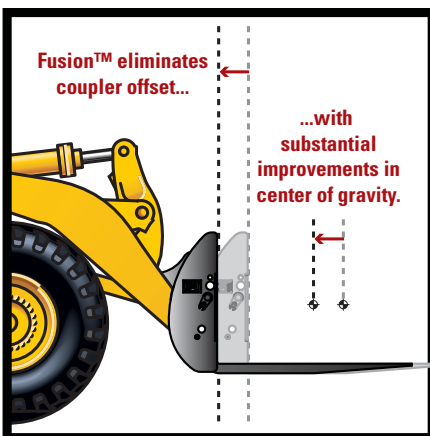
One System. One Solution.

Improved Machine Performance

Fusion is the patented wheel loader coupler system from Caterpillar. The Fusion™ Coupler System provides performance virtually identical to pin on – with all the flexibility of a quick coupler system. The Fusion Coupler sits back, close-in to the loader arms – minimizing offset and increasing the machine's performance.

No Loss of Performance

Fusion is designed to integrate the work tool and the machine by pulling the coupler and tool closer in to the loader. As a result, the center of gravity is moved inward, towards the machine. This translates to increased lifting ability when compared to machines equipped with other coupler systems.



Unsurpassed Durability

An advanced wedging mechanism creates a tight, rattle-free fit. This patented lock up system eliminates play and wear – resulting in a long service life.

Increased Visibility

A new, open coupler frame design clears sight lines from the operator's seat, making it easier than ever before to engage and disengage attachments with certainty.

Common Interface Compatibility

The Fusion Coupler System gives you one common interface – eliminating the need for many different couplers from the 924K through the 972H. This expanded machine compatibility not only allows one machine to use a range of work tools, but also allows one work tool to be picked up by machines of many different sizes.

Note: Check with your local Cat dealer for availability of work tools and quick coupler systems.

Operator Environment

Work Comfortably and Efficiently.



Visibility

Visibility is excellent to both the front and rear of these machines. Distortion-free flat glass stretches to the floor of the cab for excellent visibility to the bucket. The cab roof has channels which direct rain off the corners of the cab keeping windows clear. An overhang on all sides of the cab protects the operator from glare. An optional rearview camera is available to clearly monitor movement behind the machine.

Entry and Exit

A ladder with self-cleaning steps keeps debris build-up to a minimum. The ladder is inclined for easy entry and exit. Platforms are wide allowing ease of movement to the front or rear of the machine. The cab door opens a full 180° and latches in place to allow safe navigation to the rear of the machine. A vertically split window on the right-hand side of the cab is provided for easy opening and closing.

Cab and Controls

The cab design has been updated for unmatched comfort and efficiency. A new center display combines the Electronic Monitoring System with the gauge cluster which enabled the control panel on the right front ROPS post to be reduced in size for better visibility. The analog-like gauges have green and red zone indicators so operators can easily see if machine systems are within operating range.

Seat and Armrest

The new seat is wider and the headrest is now adjustable for improved operator comfort. It provides automotive-style lumbar support for maximum comfort. The right hand armrest has been optimized for easier adjustment.

Steering Options

Choices of steering systems are available to provide flexibility for your application.

Conventional Steering

The conventional steering configuration offers a low-effort hand metering unit hydraulic steering system. Load sensing steering directs power through the steering system only when needed. When not steering, more engine power is available to generate rimpull, breakout force, lift force, and results in reduced fuel consumption. The steering column tilts for maximum operator comfort.

Command Control Steering

Command Control Steering is a low effort load-sensing system. Full machine articulation is accomplished with a $\pm 70^\circ$ turn of the wheel – versus two to three 360° turns of a conventional steering wheel greatly reducing operator fatigue. Steering grip contains the forward/neutral/reverse switch and the upshift/downshift button – allowing the left hand to remain on the steering grip at all times.





Hydraulic Service Center

The hydraulic components are all conveniently located behind the hinged right side access ladder at a new single ground level service center improving safety and reducing service time. Accessible from the service center are the transmission and hydraulic oil filters, brake accumulators, pressure test ports, etc.

Electrical Service Center

The electrical service center provides grouped ground level access to numerous electrical features, enhancing safety and convenience for operators and service technicians. It is conveniently located beneath the left platform for access before entering the cab and contains the maintenance free batteries, hood tilt actuation switch and master switch.

Serviceability

Easy to Maintain. Easy to Service.

Cooling System

The cooling system is readily accessible for clean out and maintenance. With nine cooling fins per 25.4 mm (1.0 inch) and a perforated grill, most airborne debris entering the system passes through the cooler cores. The hydraulic and A/C cooler cores swing out providing easy access to both sides for cleaning. An access panel on the left side of the cooling package swings down to provide access to the back side of the engine coolant and Air-to-Air After Cooler (ATAAC) and jacket water cooler core.

Engine Access

The Cat sloped "one-piece" tilting hood provides industry-leading access to the engine, and if necessary, the entire hood can be removed with the built-in lift points. With the hood closed, quick checks of engine oil levels and the coolant sight gauge can be completed through the side service doors. Panels located behind the tires lift up and can be removed for additional access.



Sustainability

Conserving Resources.

The 950H and 962H are designed to compliment your business plan, reduce emissions and minimize the consumption of natural resources.

- Improved fuel efficiency – less fuel consumed results in lower emissions.
- Machines are built with a 96% recyclability rate (ISO 16714) to conserve valuable natural resources and further enhance machine end of life value.
- Improved operator efficiency through enhanced visibility and reduced noise/vibration levels.
- Product Link family of products and solutions that collect, communicate, store and deliver product and job site information to maximize productivity and reduce costs.
- Major components are rebuildable, eliminating waste and saving money by giving the machine and/or major components a second life – and even a third life.



Customer Support

Unmatched Support Makes the Difference.

Machine Selection

Your Cat dealer is ready to help you evaluate machine options. From new or used machine sales, to rental or rebuild options, your Cat dealer can provide an optimal solution to your business needs.

Product Support

Your Cat dealer can help you maximize machine uptime with unsurpassed worldwide parts availability, trained technicians and customer support agreements.

Operation

To help you get the most out of your machine investment, Cat dealers offer various training resources to improve operating techniques.

Financing

Financing options are available to meet your needs.



950H/962H Wheel Loaders Specifications

Engine – 950H

Engine Model	Cat C7 ACERT	
ISO 9249/SAE J1349 (metric)	147 kW	200 hp
ISO 9249/SAE J1349 (imperial)		197 hp
ISO 14396/SAE J1995 (metric)	162 kW	220 hp
ISO 14396/SAE J1995 (imperial)		217 hp
Net Power – 80/1269/EEC	147 kW	197 hp
Peak Torque (Net) @ 1,400 rpm	907 N·m	669 ft-lb
Bore	110 mm	4.33 in
Stroke	127 mm	5 in
Displacement	7.2 L	439 in ³

- Caterpillar engine with ACERT™ Technology – EPA Tier 3, EU Stage III Compliant
- These ratings apply at 1,800 rpm when tested under the specified standard conditions.
- Rating for net power advertised based on power available when the engine is equipped with alternator, air cleaner, muffler and on-demand hydraulic fan drive at maximum fan speed.

Weights – 950H

Operating Weight	18 320 kg	40,376 lb
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- For 3.1 m³ (4.0 yd³) general purpose bucket with BOCE.

Buckets – 950H

Bucket Capacities	2.5-3.5 m ³	3.25-4.5 yd ³
Maximum Bucket Capacity	3.6 m ³	4.7 yd ³

Operating Specifications – 950H

Breakout Force	150 kN	33,756 lb
Static Tipping Load, Full Turn (ISO)	10 811 kg	23,827 lb
Static Tipping Load, Full Turn (No Tire Deflection)	11 540 kg	25,434 lb

- For 3.1 m³ (4.0 yd³) general purpose bucket with BOCE.

Transmission – 950H

Forward 1	6.9 km/h	4.3 mph
Forward 2	12.7 km/h	7.9 mph
Forward 3	22.3 km/h	13.9 mph
Forward 4	37 km/h	23.0 mph
Reverse 1	7.6 km/h	4.7 mph
Reverse 2	13.9 km/h	8.6 mph
Reverse 3	24.5 km/h	15.2 mph
Reverse 4	40 km/h	24.9 mph

- Maximum travel speeds (23.5-25 tires).

Engine – 962H

Engine Model	Cat C7 ACERT	
ISO 9249/SAE J1349 (metric)	156 kW	212 hp
ISO 9249/SAE J1349 (imperial)		209 hp
ISO 14396/SAE J1995 (metric)	172 kW	234 hp
ISO 14396/SAE J1995 (imperial)		231 hp
Net Power – 80/1269/EEC	158 kW	211 hp
Peak Torque (Net) @ 1,400 rpm	907 N·m	669 ft-lb
Bore	110 mm	4.33 in
Stroke	127 mm	5 in
Displacement	7.2 L	439 in ³

- Caterpillar engine with ACERT Technology – EPA Tier 3, EU Stage III Compliant
- These ratings apply at 1,800 rpm when tested under the specified standard conditions.
- Rating for net power advertised based on power available when the engine is equipped with alternator, air cleaner, muffler and on-demand hydraulic fan drive at maximum fan speed.

Weights – 962H

Operating Weight	19 121 kg	42,141 lb
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- For 3.4 m³ (4.45 yd³) general purpose bucket with BOCE.

Buckets – 962H

Bucket Capacities	2.7-3.8 m ³	3.5-5.0 yd ³
Maximum Bucket Capacity	3.8 m ³	5.0 yd ³

Operating Specifications – 962H

Breakout Force	141 kN	31,680 lb
Static Tipping Load, Full Turn (ISO)	11 303 kg	24,913 lb
Static Tipping Load, Full Turn (No Tire Deflection)	12 038 kg	26,533 lb

- For 3.4 m³ (4.45 yd³) general purpose bucket with BOCE.

Transmission – 962H

Forward 1	7 km/h	4.4 mph
Forward 2	13 km/h	8.1 mph
Forward 3	22.6 km/h	14.0 mph
Forward 4	38 km/h	23.6 mph
Reverse 1	7.6 km/h	4.7 mph
Reverse 2	13.9 km/h	8.6 mph
Reverse 3	24.5 km/h	15.2 mph
Reverse 4	40 km/h	24.9 mph

- Maximum travel speeds (23.5-25 tires).

Hydraulic System

Bucket/Work Tool System – Pump Output	270 L/min	71 gal/min
Steering System Pump Type	Piston	
Hydraulic Cycle Time – Raise	6.2 Seconds	
Hydraulic Cycle Time – Dump	2.0 Seconds	
Hydraulic Cycle Time – Lower	2.5 Seconds	
Hydraulic Cycle Time – Float	2.5 Seconds	
Hydraulic Cycle Time – Rack	2.7 Seconds	

- Implement System (Standard), Piston Pump – Rated at 2,100 rpm and 6900 kPa (1,000 psi).
- Cycle time with rated payload

Brakes

Brakes Meets required standards.

- Meet ISO 3450-1985 standards.

Axles

Front	Fixed front	
Rear	Oscillating $\pm 13^\circ$	
Maximum Single-Wheel Rise and Fall	470 mm	18.5 in

Tires

Tires Choose from a variety of tires to match your application.

- Choice of:
 - 23.5R25 VSW BS L2 Radial
 - 23.5R25 VUT D2A BS L2 Radial
 - 23.5R25 XTLA MX L2 Radial
 - 23.5R25 VMT BS L3 Radial
 - 23.5R25 XHA MX L3 Radial
 - 23.5R25 XMINE MX L5 Radial
 - 750/65R25 XLD MX L3 Radial
 - 23.5-25 SGGL FS L2 Bias Flexport
- NOTE: In certain applications (such as load and carry) the loader's productive capabilities might exceed the tires' tonnes-km/h (ton-mph) capabilities. Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model. The 23.5-25 size range and other special tires are available on request.

Cab

ROPS/FOPS Meets SAE and ISO standards.

- Caterpillar cab with integrated Rollover Protective Structure (ROPS) are standard.
- ROPS meets SAE J1040 APR88 and ISO 3471:1994 criteria.
- Falling Objects Protective Structure (FOPS) meets SAE J231 JAN81 and ISO 3449:2005 version.

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. The cab was properly installed and maintained. The tests were conducted with the cab doors and the cab windows closed. 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.
- The declared dynamic operator Sound Pressure Level for a standard machine configuration, measured according to the procedures specified in "ISO 6396:2008," is 72 dB(A) with the cooling fan speed set at maximum value.
- The declared average exterior sound pressure level for a standard machine configuration, measured according to the procedures specified in "SAE J88:2006 – Constant Speed Moving Test," is 75 dB(A). The measurement was conducted under the following conditions: distance of 15 m (49.2 ft), moving forward in an intermediate gear ratio, static hydraulic cycle (with no payload) and with the cooling fan speed set at maximum value.
- The declared exterior sound power level for a standard machine configuration, measured according to the procedures specified in "ISO 6395:2008," is 111 dB(A) with the cooling fan speed set at maximum value.

Sound Level Information for Machines in Countries that Adopt the "EU Directives"

- The declared dynamic operator sound pressure level for a standard machine configuration, measured according to the procedures specified in "ISO 6396:2008," is 69 dB(A) with a cooling fan speed set at 70 percent of the maximum value.
- The declared sound power level that is labeled on the machine is 106 LWA. The measurement of the sound power level was made according to the test procedures and conditions that are specified in the European Union Directive "2000/14/EC" as amended by "2005/88/EC."

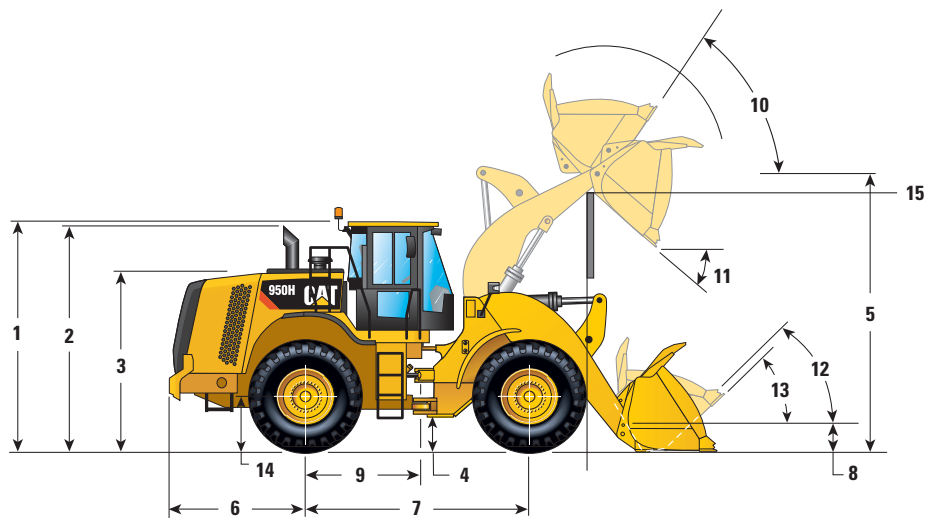
Service Refill Capacities

Fuel Tank – Standard	264 L	70 gal
Cooling System	42 L	11 gal
Crankcase	30 L	7.9 gal
Transmission	34 L	9 gal
Differentials and Final Drives – Front	36 L	9.5 gal
Differentials and Final Drives – Rear	36 L	9.5 gal
Hydraulic Tank	110 L	29 gal

950H/962H Wheel Loaders Specifications

950H Dimensions

All dimensions are approximate and based on L3 Michelin XHA2 tires.



1 Height to top of ROPS/FOPS	3461 mm	11'4"
2 Height to top of exhaust pipe	3278 mm	10'8"
3 Height to top of hood	2448 mm	8'0"
4 Ground clearance with 23.5R25	397 mm	1'3"
5 B-Pin height – standard B-Pin height – high-lift	3992 mm 4490 mm	13'1" 14'7"
6 Center line of rear axle to edge of counterweight	2001 mm	6.6"
7 Wheelbase	3350 mm	11'0"
8 B-Pin height @ carry – standard B-Pin height @ carry – high lift	624 mm 748 mm	2'0" 2'5"
9 Center line of rear axle to hitch	1675 mm	5'5"
10 Rack back @ maximum lift	59.5 degrees	
11 Dump angle @ maximum lift	48.2 degrees	
12 Rack back @ carry	49.4 degrees	
13 Rack back @ ground	41 degrees	
14 Height to center line of axle	748 mm	2'5"
15 Lift arm clearance @ standard lift Lift arm clearance @ high lift	3916 mm 4414 mm	12'8" 14'5"

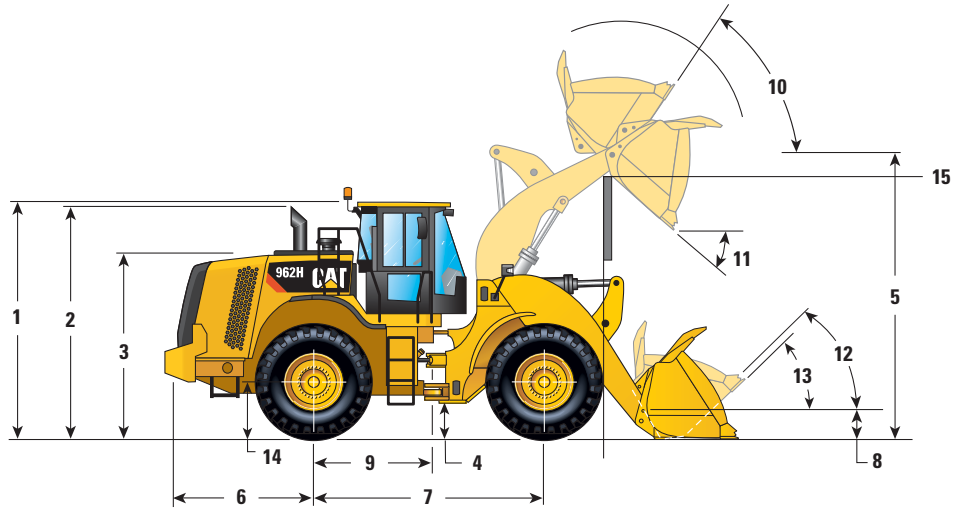
Tires

Tread width for 23.5-25 is 2140 mm (7'0")

	Width over tires		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
	mm	inches	mm	inches	kg	lb	kg	lb
23.5R25 VSW BS L2 Radial	2862	113	6	0.2	20	44	14	31
23.5R25 VUT D2A BS L2 Radial	2866	113	10	0.4	-41	-90	-29	-64
23.5R25 XTLA MX L2 Radial	2801	110	7	0.3	-112	-247	-79	-174
23.5R25 VMT BS L3 Radial	2851	112	3	0.1	124	273	88	194
23.5R25 XHA MX L3 Radial	2784	110	0	0.0	0	0	0	0
23.5R25 XMINE MX L5 Radial	2807	111	26	1.0	872	1,923	619	1,365
750/65R25 XLD MX L3 Radial	2879	113	7	0.3	460	1,014	326	719
23.5-25 SGGL FS L2 Bias	2834	112	14	0.6	-472	-1,041	-335	-739

962H Dimensions

All dimensions are approximate and based on L3 Michelin XHA2 tires.



1 Height to top of ROPS/FOPS	3461 mm	11'4"
2 Height to top of exhaust pipe	3278 mm	10'8"
3 Height to top of hood	2448 mm	8'0"
4 Ground clearance with 23.5R25	397 mm	1'3"
5 B-Pin height – standard	4182 mm	13'7"
B-Pin height – high-lift	4490 mm	14'7"
6 Center line of rear axle to edge of counterweight	2001 mm	6.6"
7 Wheelbase	3350 mm	11'0"
8 B-Pin height @ carry – standard	664 mm	2'2"
B-Pin height @ carry – high lift	748 mm	2'5"
9 Center line of rear axle to hitch	1675 mm	5'5"
10 Rack back @ maximum lift	59.5 degrees	
11 Dump angle @ maximum lift	48.2 degrees	
12 Rack back @ carry	48.5 degrees	
13 Rack back @ ground	40 degrees	
14 Height to center line of axle	748 mm	2'5"
15 Lift arm clearance @ standard lift	4002 mm	13'1"
Lift arm clearance @ high lift	4414 mm	14'5"

Tires

Tread width for 23.5-25 is 2140 mm (7'0")

	Width over tires		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
	mm	inches	mm	inches	kg	lb	kg	lb
23.5R25 VSW BS L2 Radial	2862	113	6	0.2	20	44	14	31
23.5R25 VUT D2A BS L2 Radial	2866	113	10	0.4	-41	-90	-29	-64
23.5R25 XTLA MX L2 Radial	2801	110	7	0.3	-112	-247	-79	-174
23.5R25 VMT BS L3 Radial	2851	112	3	0.1	124	273	88	194
23.5R25 XHA MX L3 Radial	2784	110	0	0.0	0	0	0	0
23.5R25 XMINE MX L5 Radial	2807	111	26	1.0	872	1,923	619	1,365
750/65R25 XLD MX L3 Radial	2879	113	7	0.3	460	1,014	326	719
23.5-25 SGGL FS L2 Bias	2834	112	14	0.6	-472	-1,041	-335	-739

950H/962H Wheel Loaders Specifications

950H Operating Specifications – Standard

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m ³	2.70	2.70	3.10	3.10	3.40	3.40
	yd ³	3.53	3.53	4.05	4.05	4.45	4.45
Capacity – Rated @ 110% Fill Factor	m ³	3.00	3.00	3.40	3.40	3.70	3.70
	yd ³	3.90	3.90	4.50	4.50	4.90	4.90
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2936	2821	2856	2738	2791	2672
	ft/in	9'7"	9'3"	9'4"	8'11"	9'1"	8'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1263	1377	1319	1430	1371	1481
	ft/in	4'1"	4'6"	4'3"	4'8"	4'5"	4'10"
Reach at Level Lift Arm and Bucket Level (§)	mm	2527	2688	2627	2788	2712	2873
	ft/in	8'3"	8'9"	8'7"	9'1"	8'10"	9'5"
Digging Depth (§)	mm	89	89	89	89	89	89
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	7961	8135	8061	8235	8146	8320
	ft/in	26'2"	26'9"	26'6"	27'1"	26'9"	27'4"
Overall Height with Bucket at Maximum Lift	mm	5363	5363	5325	5325	5529	5529
	ft/in	17'8"	17'8"	17'6"	17'6"	18'2"	18'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 301	13 464	13 356	13 519	13 403	13 567
	ft/in	43'8"	44'3"	43'10"	44'5"	44'0"	44'7"
Static Tipping Load, Straight (ISO)*	kg	12 701	12 562	12 515	12 375	12 355	12 214
	lb	27,993	27,688	27,584	27,275	27,230	26,919
Static Tipping Load, Straight (No Tire Deflection)*	kg	13 424	13 284	13 242	13 101	13 085	12 943
	lb	29,586	29,279	29,186	28,875	28,841	28,526
Static Tipping Load, Articulated (ISO)*	kg	10 986	10 848	10 811	10 671	10 659	10 518
	lb	24,214	23,909	23,827	23,519	23,494	23,182
Static Tipping Load, Articulated (No Tire Deflection)*	kg	11 711	11 571	11 540	11 398	11 392	11 249
	lb	25,812	25,504	25,434	25,122	25,108	24,793
Breakout Force** (§)	kN	163	162	150	149	140	138
	lb	36,840	36,573	33,756	33,491	31,477	31,214
Operating Weight*	kg	18 231	18 339	18 320	18 428	18 395	18 503
	lb	40,180	40,418	40,376	40,614	40,541	40,779

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, product link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) 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.

950H Operating Specifications – Standard

Bucket Type		Material Handling – Pin On					
		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m ³	3.20	3.20	3.40	3.40	3.60	3.60
	yd ³	4.19	4.19	4.45	4.45	4.71	4.71
Capacity – Rated @ 110% Fill Factor	m ³	3.50	3.50	3.70	3.70	4.00	4.00
	yd ³	4.60	4.60	4.90	4.90	5.20	5.20
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2756	2631	2721	2596	2686	2560
	ft/in	9'0"	8'7"	8'11"	8'6"	8'9"	8'4"
Reach at Maximum Lift and 45° Discharge (§)	mm	1255	1358	1291	1393	1326	1428
	ft/in	4'1"	4'5"	4'2"	4'6"	4'4"	4'8"
Reach at Level Lift Arm and Bucket Level (§)	mm	2672	2833	2722	2883	2772	2933
	ft/in	8'9"	9'3"	8'11"	9'5"	9'1"	9'7"
Digging Depth (§)	mm	97	97	97	97	97	97
	in	3.8"	3.8"	3.8"	3.8"	3.8"	3.8"
Overall Length	mm	8112	8286	8162	8336	8212	8386
	ft/in	26'8"	27'3"	26'10"	27'5"	27'0"	27'7"
Overall Height with Bucket at Maximum Lift	mm	5490	5490	5539	5539	5589	5589
	ft/in	18'1"	18'1"	18'3"	18'3"	18'5"	18'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 387	13 551	13 415	13 580	13 443	13 608
	ft/in	44'0"	44'6"	44'1"	44'7"	44'2"	44'8"
Static Tipping Load, Straight (ISO)*	kg	12 307	12 168	12 214	12 074	12 127	11 986
	lb	27,125	26,818	26,921	26,612	26,729	26,418
Static Tipping Load, Straight (No Tire Deflection)*	kg	13 020	12 879	12 929	12 787	12 845	12 702
	lb	28,696	28,386	28,497	28,184	28,311	27,997
Static Tipping Load, Articulated (ISO)*	kg	10 624	10 485	10 536	10 396	10 454	10 312
	lb	23,417	23,109	23,223	22,914	23,040	22,729
Static Tipping Load, Articulated (No Tire Deflection)*	kg	11 340	11 199	11 254	11 112	11 174	11 031
	lb	24,993	24,683	24,804	24,492	24,628	24,313
Breakout Force** (§)	kN	144	143	138	137	133	132
	lb	32,489	32,223	31,199	30,934	29,997	29,733
Operating Weight*	kg	18 352	18 460	18 400	18 508	18 446	18 554
	lb	40,446	40,684	40,552	40,790	40,653	40,892

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, product link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) 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.

950H/962H Wheel Loaders Specifications

950H Operating Specifications

		High Lift Change in Specs
Capacity – Rated (§)	m ³ yd ³	
Capacity – Rated @ 110% Fill Factor	m ³ yd ³	
Width (§)	mm ft/in	
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm ft/in	495 1'7"
Reach at Maximum Lift and 45° Discharge (§)	mm ft/in	67 0'2"
Reach at Level Lift Arm and Bucket Level (§)	mm ft/in	405 1'3"
Digging Depth (§)	mm in	21 0.8"
Overall Length	mm ft/in	605 2'0"
Overall Height with Bucket at Maximum Lift	mm ft/in	496 1'8"
Loader Clearance Circle with Bucket at Carry Position (§)	mm ft/in	391 1'4"
Static Tipping Load, Straight (ISO)*	kg lb	(341) (751)
Static Tipping Load, Straight (No Tire Deflection)*	kg lb	(398) (878)
Static Tipping Load, Articulated (ISO)*	kg lb	(416) (917)
Static Tipping Load, Articulated (No Tire Deflection)*	kg lb	(458) (1,011)
Breakout Force** (§)	kN lb	(8) (1,892)
Operating Weight*	kg lb	1271 2,800

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, product link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) 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.

950H Bucket Selection Charts

Material Density		kg/m ³	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500			
Standard Linkage	Pin On	General Purpose	2.70 m ³ (3.53 yd ³)																					
			3.10 m ³ (4.05 yd ³)																					
			3.40 m ³ (4.45 yd ³)																					
	Material Handling	3.20 m ³ (4.19 yd ³)																						
		3.40 m ³ (4.45 yd ³)																						
		3.60 m ³ (4.71 yd ³)																						
High Lift Linkage	Pin On	General Purpose	2.70 m ³ (3.53 yd ³)																					
			3.10 m ³ (4.05 yd ³)																					
			3.40 m ³ (4.45 yd ³)																					
	Material Handling	3.20 m ³ (4.19 yd ³)																						
		3.40 m ³ (4.45 yd ³)																						
		3.60 m ³ (4.71 yd ³)																						
Material Density		lb/yd ³	1,180	1,348	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876	4,044	4,213			
Bucket Fill Factors		115% 110% 105% 100% 95%																						

Note: All buckets are showing Bolt-On Edges.

Bucket Fill Factors

(as a % of ISO Rated Capacity)

Loose Material	Performance Series Bucket
Earth/Clay	115
Sand and Gravel	115
Aggregate:	
25-76 mm (1 to 3 in)	110
19 mm (0.75 in) and smaller	105
Rock	100

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

950H/962H Wheel Loaders Specifications

962H Operating Specifications – Standard

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m ³	3.10	3.10	3.40	3.40	3.60	3.60
	yd ³	4.05	4.05	4.45	4.45	4.71	4.71
Capacity – Rated @ 110% Fill Factor	m ³	3.40	3.40	3.70	3.70	4.00	4.00
	yd ³	4.50	4.50	4.90	4.90	5.20	5.20
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3046	2928	2981	2862	2935	2816
	ft/in	9'11"	9'7"	9'9"	9'4"	9'7"	9'2"
Reach at Maximum Lift and 45° Discharge (§)	mm	1269	1380	1321	1431	1357	1467
	ft/in	4'1"	4'6"	4'4"	4'8"	4'5"	4'9"
Reach at Level Lift Arm and Bucket Level (§)	mm	2727	2888	2812	2973	2872	3033
	ft/in	8'11"	9'5"	9'2"	9'9"	9'5"	9'11"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8291	8464	8376	8549	8436	8609
	ft/in	27'3"	27'10"	27'6"	28'1"	27'9"	28'3"
Overall Height with Bucket at Maximum Lift	mm	5515	5515	5719	5719	5777	5777
	ft/in	18'2"	18'2"	18'10"	18'10"	19'0"	19'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 478	13 645	13 527	13 696	13 562	13 732
	ft/in	44'3"	44'10"	44'5"	45'0"	44'6"	45'1"
Static Tipping Load, Straight (ISO)*	kg	13 346	13 208	13 181	13 041	13 060	12 919
	lb	29,416	29,110	29,052	28,744	28,784	28,474
Static Tipping Load, Straight (No Tire Deflection)*	kg	14 065	13 925	13 903	13 762	13 784	13 642
	lb	30,999	30,691	30,643	30,332	30,380	30,067
Static Tipping Load, Articulated (ISO)*	kg	11 459	11 320	11 303	11 163	11 189	11 048
	lb	25,255	24,950	24,913	24,605	24,661	24,351
Static Tipping Load, Articulated (No Tire Deflection)*	kg	12 190	12 050	12 038	11 897	11 926	11 784
	lb	26,867	26,559	26,533	26,221	26,285	25,972
Breakout Force** (§)	kN	151	150	141	139	134	133
	lb	33,973	33,715	31,680	31,423	30,214	29,958
Operating Weight*	kg	19 046	19 154	19 121	19 229	19 179	19 287
	lb	41,976	42,214	42,141	42,379	42,269	42,507

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, product link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) 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.

962H Operating Specifications – Standard

Bucket Type		Material Handling – Pin On					
		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m ³	3.40	3.40	3.60	3.60	3.80	3.80
	yd ³	4.45	4.45	4.71	4.71	4.97	4.97
Capacity – Rated @ 110% Fill Factor	m ³	3.70	3.70	4.00	4.00	4.20	4.20
	yd ³	4.90	4.90	5.20	5.20	5.50	5.50
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2911	2786	2876	2750	2833	2707
	ft/in	9'6"	9'1"	9'5"	9'0"	9'3"	8'10"
Reach at Maximum Lift and 45° Discharge (§)	mm	1241	1343	1276	1378	1319	1421
	ft/in	4'0"	4'4"	4'2"	4'6"	4'3"	4'7"
Reach at Level Lift Arm and Bucket Level (§)	mm	2822	2983	2872	3033	2933	3094
	ft/in	9'3"	9'9"	9'5"	9'11"	9'7"	10'1"
Digging Depth (§)	mm	98	98	98	98	98	98
	in	3.8"	3.8"	3.8"	3.8"	3.8"	3.8"
Overall Length	mm	8392	8565	8442	8615	8503	8676
	ft/in	27'7"	28'2"	27'9"	28'4"	27'11"	28'6"
Overall Height with Bucket at Maximum Lift	mm	5729	5729	5779	5779	5828	5828
	ft/in	18'10"	18'10"	19'0"	19'0"	19'2"	19'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 540	13 709	13 569	13 739	13 605	13 776
	ft/in	44'6"	45'0"	44'7"	45'1"	44'8"	45'3"
Static Tipping Load, Straight (ISO)*	kg	13 039	12 900	12 949	12 809	12 835	12 694
	lb	28,738	28,431	28,540	28,232	28,288	27,978
Static Tipping Load, Straight (No Tire Deflection)*	kg	13 746	13 605	13 659	13 518	13 547	13 405
	lb	30,296	29,987	30,105	29,794	29,859	29,546
Static Tipping Load, Articulated (ISO)*	kg	11 180	11 040	11 094	10 955	10 987	10 846
	lb	24,640	24,334	24,453	24,144	24,215	23,905
Static Tipping Load, Articulated (No Tire Deflection)*	kg	11 900	11 760	11 818	11 677	11 712	11 570
	lb	26,228	25,919	26,047	25,736	25,815	25,502
Breakout Force** (§)	kN	139	138	134	133	128	127
	lb	31,403	31,144	30,195	29,936	28,825	28,568
Operating Weight*	kg	19 126	19 234	19 172	19 280	19 228	19 336
	lb	42,152	42,390	42,254	42,492	42,377	42,615

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, product link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) 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.

950H/962H Wheel Loaders Specifications

962H Operating Specifications

		High Lift Change in Specs
Capacity – Rated (§)	m ³ yd ³	
Capacity – Rated @ 110% Fill Factor	m ³ yd ³	
Width (§)	mm ft/in	
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm ft/in	305 1'0"
Reach at Maximum Lift and 45° Discharge (§)	mm ft/in	117 0'4"
Reach at Level Lift Arm and Bucket Level (§)	mm ft/in	305 1'0"
Digging Depth (§)	mm in	(35) –1.3"
Overall Length	mm ft/in	375 1'3"
Overall Height with Bucket at Maximum Lift	mm ft/in	306 1'1"
Loader Clearance Circle with Bucket at Carry Position (§)	mm ft/in	(5) –0'1"
Static Tipping Load, Straight (ISO)*	kg lb	(1172) (2,583)
Static Tipping Load, Straight (No Tire Deflection)*	kg lb	(1221) (2,691)
Static Tipping Load, Articulated (ISO)*	kg lb	(1064) (2,345)
Static Tipping Load, Articulated (No Tire Deflection)*	kg lb	(1109) (2,444)
Breakout Force** (§)	kN lb	(9) (2,109)
Operating Weight*	kg lb	545 1,200

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, product link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) 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.

962H Bucket Selection Charts

Material Density		kg/m ³	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500			
Standard Linkage	Pin On	General Purpose	3.10 m ³ (4.05 yd ³)																					
			3.40 m ³ (4.45 yd ³)																					
			3.60 m ³ (4.71 yd ³)																					
	Material Handling	3.40 m ³ (4.45 yd ³)																						
		3.60 m ³ (4.71 yd ³)																						
		3.80 m ³ (4.97 yd ³)																						
High Lift Linkage	Pin On	General Purpose	3.10 m ³ (4.05 yd ³)																					
			3.40 m ³ (4.45 yd ³)																					
			3.60 m ³ (4.71 yd ³)																					
	Material Handling	3.40 m ³ (4.45 yd ³)																						
		3.60 m ³ (4.71 yd ³)																						
		3.80 m ³ (4.97 yd ³)																						
Material Density		lb/yd ³	1,180	1,348	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876	4,044	4,213			
Bucket Fill Factors		115% 110% 105% 100% 95%																						

Note: All buckets are showing Bolt-On Edges.

Bucket Fill Factors

(as a % of ISO Rated Capacity)

Loose Material	Performance Series Bucket
Earth/Clay	115
Sand and Gravel	115
Aggregate:	
25-76 mm (1 to 3 in)	110
19 mm (0.75 in) and smaller	105
Rock	100

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

Standard Equipment

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

ELECTRICAL

- Alarm, back-up
- Alternator, 115-amp brushed
- Batteries, maintenance free (2) 1,400 CCA
- Ignition key; start/stop switch
- Lighting system, halogen (6 total)
- Main disconnect switch
- Starter, electric, heavy-duty
- Starting and charging system (24-volt)
- Receptacle, starting, 24-volt

OPERATOR ENVIRONMENT

- Air conditioner
- Bucket/work tool function lockout
- Cab, pressurized and sound-suppressed ROPS/FOPS
- Radio-ready (entertainment) includes antenna, speakers and converter (12-volt, 10-amp)
- Coat hook
- Computerized monitoring system
- Instrumentation, gauges:
 - Digital gear range indicator
 - Engine coolant temperature
 - Fuel level
 - Hydraulic oil temperature
 - Speedometer/tachometer
 - Transmission oil temperature
- Instrumentation, warning indicators:
 - Air inlet heater
 - Axle oil temperature
 - Electrical, alternator output
 - Engine inlet manifold temperature
 - Engine oil pressure
 - Fuel level
 - Fuel pressure, hi/low
 - Parking brake
 - Primary steering oil pressure
 - Service brake oil pressure
 - Transmission filter bypass

- Controls, electro-hydraulic, lift and tilt function
- Heater and defroster
- Horn, electric (console)
- Light, dome (cab)
- Lunch box, beverage holders and personal tray
- Mirror, rearview (internally mounted)
- Mirrors, external
- Seat, Cat Comfort (cloth) with air suspension
- Seat belt, retractable, 51 mm (2 in) wide
- Steering column, adjustable angle (steering wheel – command control steering) and length (command control steering)
- Wet-arm wipers and washers, front and rear – Intermittent front wiper
- Window, sliding (left and right side)

POWER TRAIN

- Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS) and brake wear indicator
- Engine, Cat C7 with ACERT Technology and ATAAC
- Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand
- Filters, fuel, primary/secondary
- Filters, engine air, primary/secondary
- Fuel priming pump (electric)
- Fuel/water separator
- Muffler, sound suppressed
- Radiator, unit core
- Starting aid, air inlet heater
- Switch, transmission neutralizer lockout
- Torque converter
- Transmission, automatic, planetary powershift (4F/4R)

OTHER

- Automatic bucket positioner
- Counterweight
- Couplings, Cat O-ring face seal
- Doors, service access (locking)
- Ecology drains, engine, transmission and hydraulics
- Fenders, steel (front and rear)
- Guard, airborne debris
- Hitch, drawbar with pin
- Hood, non-metallic, power tilting
- Hoses, Cat XT
- Hydraulic oil cooler
- Kickout, lift and tilt, automatic (in-cab adjustable)
- Linkage, Z-bar, cast cross tube/tilt lever
- Oil sampling valves
- Product Link ready
- Remote diagnostic pressure taps
- Remote FNR
- Service center, electrical and hydraulic
- Sight gauges:
 - Engine coolant
 - Hydraulic oil
 - Transmission oil level
- Sun visor, front
- Steering, load sensing

TIRES, RIMS, WHEELS

- A tire must be selected from the mandatory attachments section. Base machine price includes an allowance based on a premium radial tire.

ANTIFREEZE

- Premixed 50% concentration of Extended Life Coolant with freeze protection to -34°C (-29°F)

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

- Aggregate Autodig System
- Autolube
- Buckets and work tools
- Bucket Ground Engaging Tools (GET) – see Cat dealer for details
- Camera, rear vision
- Cigar lighter and ashtray (12-volt)
- Cooler, axle oil
- Differentials
 - Limited slip, front or rear
- Drain, axle ecology
- Fenders, roading
- Fender extensions
- Guard, axle seal
- Guard, front window, wide or small mesh
- Guard, power train
- Heater, engine coolant, 120- or 240-volt
- High Ambient Cooling Package
- Hydraulic arrangement, three-valve
- Joystick control, two- or three-valve
- Lights, directional
- Lights, high intensity discharge (HID)
- Lights, roading
- Light, warning beacon
- Lights, work, cab-mounted
- Machine Security System
- Mirrors, heated external, folding
- Payload Control System
 - Payload Control System Printer
- Platform, window cleaning
- Precleaner, turbine
- Precleaner, turbine/trash
- Product Link (GPS, GSM WW, GSM China)
- Quick Coupler
- Quick Coupler, Ready
- Radio, AM/FM Weatherband (CD)
- Radio, CB-ready
- Rear ladder, right
- Remote pressure taps, transmission
- Ride Control System, two- or three-valve
- Seat belt, 76 mm (3 in) wide
- Sound suppression, exterior
- Starting aid, ether
- Steering, Command Control System
- Steering, secondary
- Special Machine Arrangements
 - High Lift Arrangement, two- and three-valve (950H/962H)
 - Forest Machine Arrangement (950H)
 - Industrial Loader Arrangement (950H/962H)
- Tool box
- Variable Pitch Fan (VPF)

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