

966H/972H

Wheel Loaders



	966H	972H
Engine Model	Cat® C11 ACERT™	Cat C13 ACERT
Net Power @ 1,800 rpm – ISO 9249/SAE J1349	194 kW (260 hp)	212 kW (285 hp)
Gross Power @ 1,800 rpm – ISO 14396	209 kW (281 hp)	228 kW (305 hp)
Gross Power @ 1,800 rpm – SAE J1995	213 kW (286 hp)	232 kW (311 hp)
Peak Net Torque @ 1,400 rpm – ISO 14396	1299 N·m (958 lbf-ft)	1414 N·m (1,043 lbf-ft)
Bucket Capacities	3.40-4.60 m ³ (4.45-6.02 yd ³)	4.00-5.00 m ³ (5.23-6.54 yd ³)
Operating Weight	23 125 kg (50,912 lb)*	25 173 kg (55,480 lb)**

*For 4.0 m³ (5.2 yd³) general purpose bucket with BOCE.

**For 4.6 m³ (6.0 yd³) general purpose bucket with BOCE.

NOTE: The horsepower (hp) provided is imperial horsepower.

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, giving the operator all machine operating information in one location. 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 side sliding window opens widely and locks into position for comfortable communication to the ground staff or natural ventilation.

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 reliability, access for service and machine weight distribution.

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The 966H and 972H 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 966H and 972H 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.

C11 and C13 ACERT Engines

The 966H is powered by a C11 ACERT engine. The 972H is powered by a C13 ACERT engine. These engines with ACERT technology maintain 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 966H and 972H 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 C11 and C13 engines are 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 966H and 972H to customize the machine for your operation. The list includes: Performance Series Buckets; Specialty Buckets (Multipurpose, Side Dump, Waste Handling, Woodchip); Pallet Forks, Log and Lumber Forks, Rakes (with or without top clamps); and Plows (angle or V-style). Each is available either with pin on or quick coupler interface.

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 – 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.

Performance Series Bucket Styles

Performance Series Buckets are available for General Purpose, Material Handling, Rock and Coal style buckets.

Fusion Quick Coupler

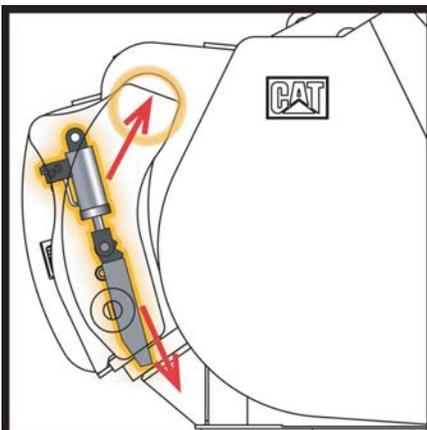
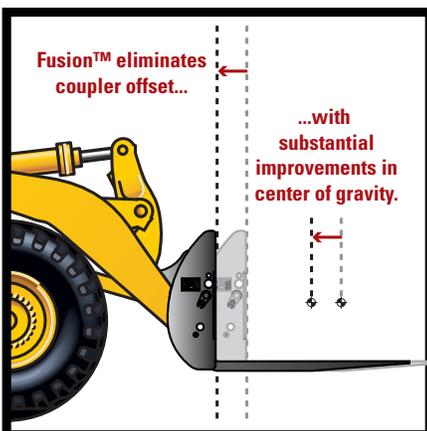
One System. One Solution.

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, giving the operator all machine operating information in one location. 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 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

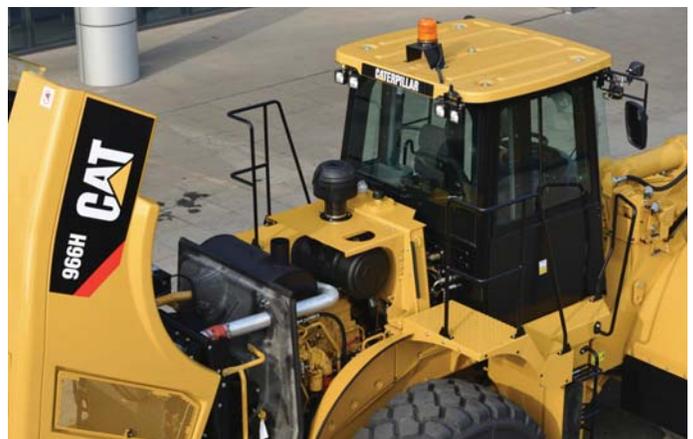
Easy to Maintain. Easy to Service.

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 966H and 972H 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 98% 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.



966H/972H Wheel Loaders Specifications

Engine – 966H

Engine Model	Cat C11 ACERT	
Net Power @ 1,800 rpm		
ISO 9249/SAE J1349	194 kW	260 hp
Gross Power @ 1,800 rpm		
ISO 14396	209 kW	281 hp
SAE J1995	213 kW	286 hp
Peak Net Torque @ 1,400 rpm		
ISO 14396	1299 N·m	958 lbf-ft
Bore	130 mm	5 in
Stroke	140 mm	6 in
Displacement	11.1 L	677 in ³

- The horsepower (hp) provided is imperial horsepower.
- 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 – 966H

Operating Weight	23 125 kg	50,912 lb
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- For 4.0 m³ (5.2 yd³) general purpose bucket with BOCE.

Buckets – 966H

Bucket Capacities	3.40-4.60 m ³	4.45-6.02 yd ³
Maximum Bucket Capacity	5.06 m ³	6.62 yd ³

Operating Specifications – 966H

Breakout Force	185 kN	41,695 lbf
Static Tipping Load, Full Turn (ISO)	14 028 kg	30,918 lb
Static Tipping Load, Full Turn (No Tire Deflection)	15 298 kg	33,718 lb

- For 4.0 m³ (5.2 yd³) general purpose bucket with BOCE.

Transmission – 966H

Forward 1	6.7 km/h	4.2 mph
Forward 2	12.6 km/h	7.8 mph
Forward 3	22.1 km/h	13.7 mph
Forward 4	37.4 km/h	23.2 mph
Reverse 1	7.4 km/h	4.6 mph
Reverse 2	13.9 km/h	8.6 mph
Reverse 3	24.3 km/h	15.1 mph
Reverse 4	37.4 km/h	23.2 mph

- Maximum travel speeds (26.5-25 tires).

Engine – 972H

Engine Model	Cat C13 ACERT	
Net Power @ 1,800 rpm		
ISO 9249/SAE J1349	212 kW	285 hp
Gross Power @ 1,800 rpm		
ISO 14396	228 kW	305 hp
SAE J1995	232 kW	311 hp
Peak Net Torque @ 1,400 rpm		
ISO 14396	1414 N·m	1,043 lbf-ft
Bore	130 mm	5 in
Stroke	157 mm	6 in
Displacement	12.5 L	763 in ³

- The horsepower (hp) provided is imperial horsepower.
- 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 – 972H

Operating Weight	25 173 kg	55,480 lb
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- For 4.6 m³ (6.0 yd³) general purpose bucket with BOCE.

Buckets – 972H

Bucket Capacities	4.00-5.00 m ³	5.23-6.54 yd ³
Maximum Bucket Capacity	5.50 m ³	7.19 yd ³

Operating Specifications – 972H

Breakout Force	218 kN	49,005 lbf
Static Tipping Load, Full Turn (ISO)	15 566 kg	34,308 lb
Static Tipping Load, Full Turn (No Tire Deflection)	16 914 kg	37,279 lb

- For 4.6 m³ (6.0 yd³) general purpose bucket with BOCE.

Transmission – 972H

Forward 1	7.2 km/h	4.5 mph
Forward 2	12.6 km/h	7.8 mph
Forward 3	21.4 km/h	13.3 mph
Forward 4	36.9 km/h	22.9 mph
Reverse 1	8.2 km/h	5.1 mph
Reverse 2	14.2 km/h	8.8 mph
Reverse 3	24.3 km/h	15.1 mph
Reverse 4	38.8 km/h	24 mph

- Maximum travel speeds (26.5-25 tires).

966H/972H Wheel Loaders Specifications

Hydraulic System

Bucket/Work Tool System – Pump Output	320 L/min	85 gal/min
Steering System Pump Type	Piston	
Hydraulic Cycle Time – Raise	6.5 Seconds	
Hydraulic Cycle Time – Dump	2.7 Seconds	
Hydraulic Cycle Time – Lower	3.5 Seconds	
Hydraulic Cycle Time – Float	2.8 Seconds	
Hydraulic Cycle Time – Rack	2.5 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.
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- Meet ISO 3450-2011 standards.

Axles

Front	Fixed front	
Rear	Oscillating $\pm 13^\circ$	
Maximum Single-Wheel Rise and Fall	502 mm	19.8 in

Tires

Tires	Choose from a variety of tires to match your application.
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- Choice of:
 - 26.5, R25, 16PR, L3 Triangle
 - 26.5, R25, 20PR, L3 Bridgestone
 - 26.5, R25, 20PR, L3 Triangle
 - 26.5, R25, VJT, L3 Bridgestone
 - 26.5, R25, XHA2, L3 Michelin
 - 26.5, R25, VSDL, L5 Bridgestone
 - 26.5, R25, XLDD2, L5 Michelin
 - 750/65, R25, VLT, L3 Bridgestone
 - 26.5, R25, RB31, L3 Bridgestone
 - 26.5, R25, TB516, L3 Triangle
 - 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 26.5-25 size range and other special tires are available on request.

Cab

ROPS/FOPS	Meets ISO Standards.
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- Caterpillar cab with integrated Rollover Protective Structure (ROPS) are standard.
- ROPS meets ISO 3471: 2008 criteria.
- Falling Objects Protective Structure (FOPS) meets ISO 3449: 2005 Level II.

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) for the 966H and 76 dB(A) for the 972H. 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 107 LWA for the 966H and 108 LWA for the 972H. 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."

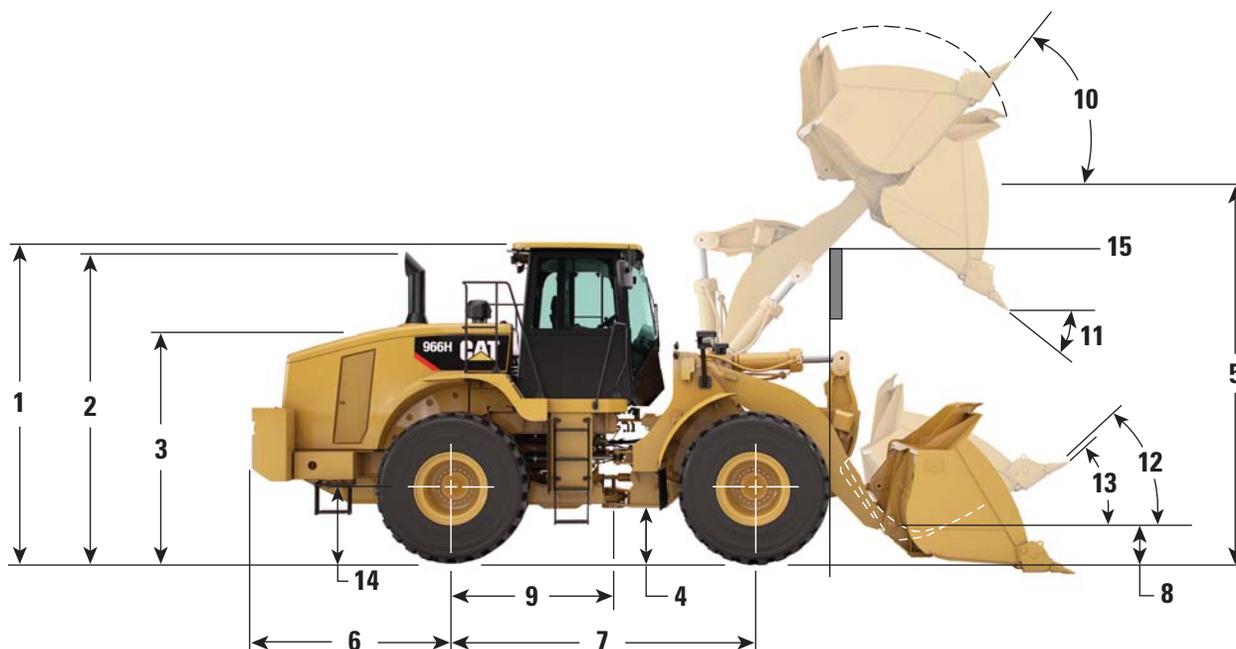
Service Refill Capacities

Fuel Tank – Standard	380 L	100 gal
Cooling System	39 L	10 gal
Crankcase	35 L	9 gal
Transmission	44 L	12 gal
Differentials and Final Drives – Front	64 L	17 gal
Differentials and Final Drives – Rear	64 L	17 gal
Hydraulic Tank	110 L	29 gal

966H/972H Wheel Loaders Specifications

966H Dimensions

All dimensions are approximate and based on 26.5R25 L3 Michelin XHA2 radial tires.

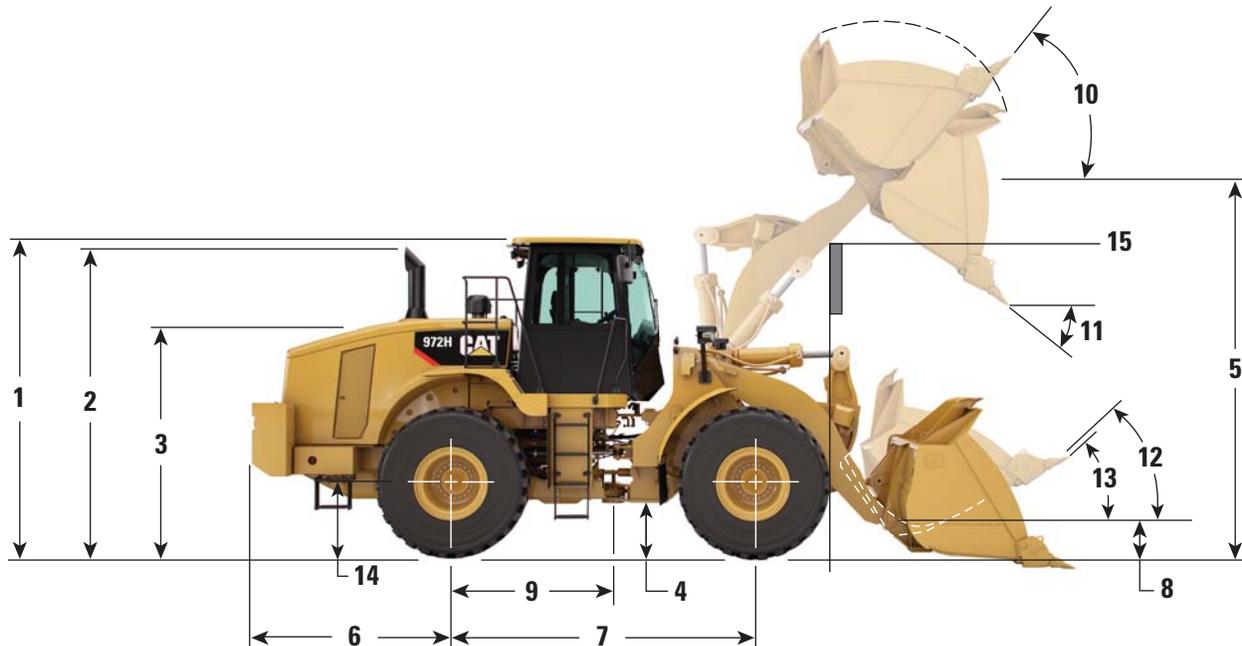


1 Height to top of ROPS/FOPS	3575 mm	11'7"
2 Height to top of exhaust pipe	3524 mm	11'6"
3 Height to top of hood	2655 mm	8'7"
4 Ground clearance with 26.5R25L-3 Michelin	434 mm	1'4"
5 B-Pin height – standard	4235 mm	13'10"
B-Pin height – high-lift	4794 mm	15'8"
6 Center line of rear axle to edge of counterweight	2279 mm	7'5"
7 Wheelbase	3450 mm	11'3"
8 B-Pin height @ carry – standard	641 mm	2'1"
B-Pin height @ carry – high lift	788 mm	2'6"
9 Center line of rear axle to hitch	1725 mm	5'7"
10 Rack back @ maximum lift – standard	61 degrees	
Rack back @ maximum lift – high lift	71 degrees	
11 Dump angle @ maximum lift	48.2 degrees	
12 Rack back @ carry – standard	50 degrees	
Rack back @ carry – high lift	49 degrees	
13 Rack back @ ground – standard	42 degrees	
Rack back @ ground – high lift	39 degrees	
14 Height to center line of axle	799 mm	2'7"
15 Lift arm clearance @ standard lift	3925 mm	12'9"
Lift arm clearance @ high lift	4484 mm	14'7"

966H/972H Wheel Loaders Specifications

972H Dimensions

All dimensions are approximate and based on 26.5R25 L3 Michelin XHA2 radial tires.



1 Height to top of ROPS/FOPS	3578 mm	11'7"
2 Height to top of exhaust pipe	3524 mm	11'6"
3 Height to top of hood	2655 mm	8'7"
4 Ground clearance with 26.5R25L-3 Michelin	434 mm	1'4"
5 B-Pin height – standard	4458 mm	14'7"
B-Pin height – high-lift	4794 mm	15'8"
6 Center line of rear axle to edge of counterweight	2490 mm	8'2"
7 Wheelbase	3450 mm	11'3"
8 B-Pin height @ carry – standard	691 mm	2'3"
B-Pin height @ carry – high lift	788 mm	2'6"
9 Center line of rear axle to hitch	1725 mm	5'7"
10 Rack back @ maximum lift – standard	55 degrees	
Rack back @ maximum lift – high-lift	71 degrees	
11 Dump angle @ maximum lift	48.2 degrees	
12 Rack back @ carry – standard	50 degrees	
Rack back @ carry – high-lift	49 degrees	
13 Rack back @ ground – standard	41 degrees	
Rack back @ ground – high-lift	39 degrees	
14 Height to center line of axle	799 mm	2'7"
15 Lift arm clearance @ standard lift	4148 mm	13'6"
Lift arm clearance @ high lift	4484 mm	14'7"

966H/972H Wheel Loaders Specifications

966H 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	3.80	3.80	4.00	4.00	4.20	4.20
	yd ³	4.97	4.97	5.23	5.23	5.49	5.49
Capacity – Rated @ 110% Fill Factor	m ³	4.18	4.18	4.40	4.40	4.62	4.62
	yd ³	5.47	5.47	5.75	5.75	6.04	6.04
Width (§)	mm	3220	3271	3220	3271	3220	3271
	ft/in	10'6"	10'8"	10'6"	10'8"	10'6"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3067	2915	3058	2905	2991	2837
	ft/in	10'0"	9'6"	10'0"	9'6"	9'9"	9'3"
Reach at Maximum Lift and 45° Discharge (§)	mm	1327	1467	1334	1473	1388	1525
	ft/in	4'4"	4'9"	4'4"	4'10"	4'6"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	2739	2943	2750	2955	2838	3043
	ft/in	8'11"	9'7"	9'0"	9'8"	9'3"	9'11"
Digging Depth (§)	mm	124	124	124	124	124	124
	in	4.9"	4.9"	4.9"	4.9"	4.9"	4.9"
Overall Length	mm	8681	8906	8693	8918	8780	9005
	ft/in	28'6"	29'3"	28'7"	29'4"	28'10"	29'7"
Overall Height with Bucket at Maximum Lift	mm	5788	5788	5902	5902	5902	5902
	ft/in	19'0"	19'0"	19'5"	19'5"	19'5"	19'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 727	14 899	14 733	14 905	14 778	14 951
	ft/in	48'4"	48'11"	48'5"	48'11"	48'6"	49'1"
Static Tipping Load, Straight (ISO)*	kg	16 045	15 863	16 024	15 842	15 831	15 648
	lb	35,364	34,963	35,319	34,915	34,893	34,488
Static Tipping Load, Straight (No Tire Deflection)*	kg	17 316	17 131	17 305	17 120	17 104	16 917
	lb	38,164	37,757	38,141	37,733	37,697	37,287
Static Tipping Load, Articulated (ISO)*	kg	14 052	13 869	14 028	13 845	13 848	13 664
	lb	30,971	30,569	30,918	30,514	30,522	30,117
Static Tipping Load, Articulated (No Tire Deflection)*	kg	15 312	15 128	15 298	15 113	15 111	14 925
	lb	33,749	33,342	33,718	33,309	33,304	32,894
Breakout Force** (§)	kN	187	185	185	183	173	171
	lbf	42,151	41,781	41,695	41,326	38,984	38,618
Operating Weight*	kg	23 073	23 211	23 125	23 263	23 181	23 319
	lb	50,853	51,157	50,968	51,272	51,091	51,395

* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

** 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.

966H/972H Wheel Loaders Specifications

966H Operating Specifications – Standard

Bucket Type		General Purpose – Pin On		Rock – Pin On		Material Handling – Pin On – Standard	
		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m ³	4.60	4.60	3.40	3.40	4.00	4.00
	yd ³	6.02	6.02	4.45	4.45	5.23	5.23
Capacity – Rated @ 110% Fill Factor	m ³	5.06	5.06	3.74	3.74	4.40	4.40
	yd ³	6.62	6.62	4.89	4.89	5.75	5.75
Width (§)	mm	3220	3271	3252	3252	3220	3271
	ft/in	10'6"	10'8"	10'8"	10'8"	10'6"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2977	2823	3124	3026	2978	2815
	ft/in	9'9"	9'3"	10'2"	9'11"	9'9"	9'2"
Reach at Maximum Lift and 45° Discharge (§)	mm	1400	1537	1454	1576	1252	1379
	ft/in	4'7"	5'0"	4'9"	5'2"	4'1"	4'6"
Reach at Level Lift Arm and Bucket Level (§)	mm	2857	3062	2818	2974	2769	2973
	ft/in	9'4"	10'0"	9'2"	9'9"	9'1"	9'9"
Digging Depth (§)	mm	124	124	68	68	124	124
	in	4.9"	4.9"	2.7"	2.7"	4.9"	4.9"
Overall Length	mm	8799	9024	8745	8906	8711	8936
	ft/in	28'11"	29'8"	28'9"	29'3"	28'7"	29'4"
Overall Height with Bucket at Maximum Lift	mm	5874	5874	5845	5845	5858	5858
	ft/in	19'4"	19'4"	19'3"	19'3"	19'3"	19'3"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 787	14 961	14 813	14 901	14 742	14 914
	ft/in	48'7"	49'1"	48'8"	48'11"	48'5"	49'0"
Static Tipping Load, Straight (ISO)*	kg	15 822	15 636	16 255	16 185	15 834	15 653
	lb	34,872	34,463	35,826	35,672	34,899	34,499
Static Tipping Load, Straight (No Tire Deflection)*	kg	17 120	16 931	17 542	17 471	17 078	16 894
	lb	37,732	37,318	38,663	38,507	37,640	37,235
Static Tipping Load, Articulated (ISO)*	kg	13 829	13 643	14 217	14 147	13 861	13 680
	lb	30,479	30,070	31,334	31,180	30,551	30,151
Static Tipping Load, Articulated (No Tire Deflection)*	kg	15 116	14 928	15 496	15 425	15 097	14 913
	lb	33,316	32,901	34,153	33,998	33,274	32,870
Breakout Force** (§)	kN	170	168	186	185	182	181
	lbf	38,277	37,912	41,828	41,704	41,111	40,742
Operating Weight*	kg	23 221	23 359	24 004	24 056	23 134	23 272
	lb	51,179	51,483	52,905	53,019	50,987	51,291

* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

** 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.

966H/972H Wheel Loaders Specifications

966H Operating Specifications

		Material Handling – Pin On – Standard		High Lift Change in Specs
		Bolt-On Edges	Teeth and Segments	
Capacity – Rated (§)	m ³	4.60	4.60	
	yd ³	6.02	6.02	
Capacity – Rated @ 110% Fill Factor	m ³	5.06	5.06	
	yd ³	6.62	6.62	
Width (§)	mm	3220	3271	
	ft/in	10'6"	10'8"	
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2893	2730	558
	ft/in	9'5"	8'11"	1'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1337	1464	(24)
	ft/in	4'4"	4'9"	-0'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	2889	3093	404
	ft/in	9'5"	10'1"	1'3"
Digging Depth (§)	mm	124	124	(25)
	in	4.9"	4.9"	-0.9"
Overall Length	mm	8831	9056	501
	ft/in	29'0"	29'9"	1'8"
Overall Height with Bucket at Maximum Lift	mm	5982	5982	559
	ft/in	19'8"	19'8"	1'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 804	14 978	481
	ft/in	48'7"	49'2"	1'7"
Static Tipping Load, Straight (ISO)*	kg	15 622	15 438	(2618)
	lb	34,431	34,026	(5,771)
Static Tipping Load, Straight (No Tire Deflection)*	kg	16 885	16 699	(2950)
	lb	37,216	36,805	(6,503)
Static Tipping Load, Articulated (ISO)*	kg	13 655	13 471	(2362)
	lb	30,096	29,690	(5,206)
Static Tipping Load, Articulated (No Tire Deflection)*	kg	14 909	14 723	(2684)
	lb	32,861	32,450	(5,917)
Breakout Force** (§)	kN	166	165	(14)
	lbf	37,481	37,117	(3,167)
Operating Weight*	kg	23 267	23 404	235
	lb	51,279	51,583	517

* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

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

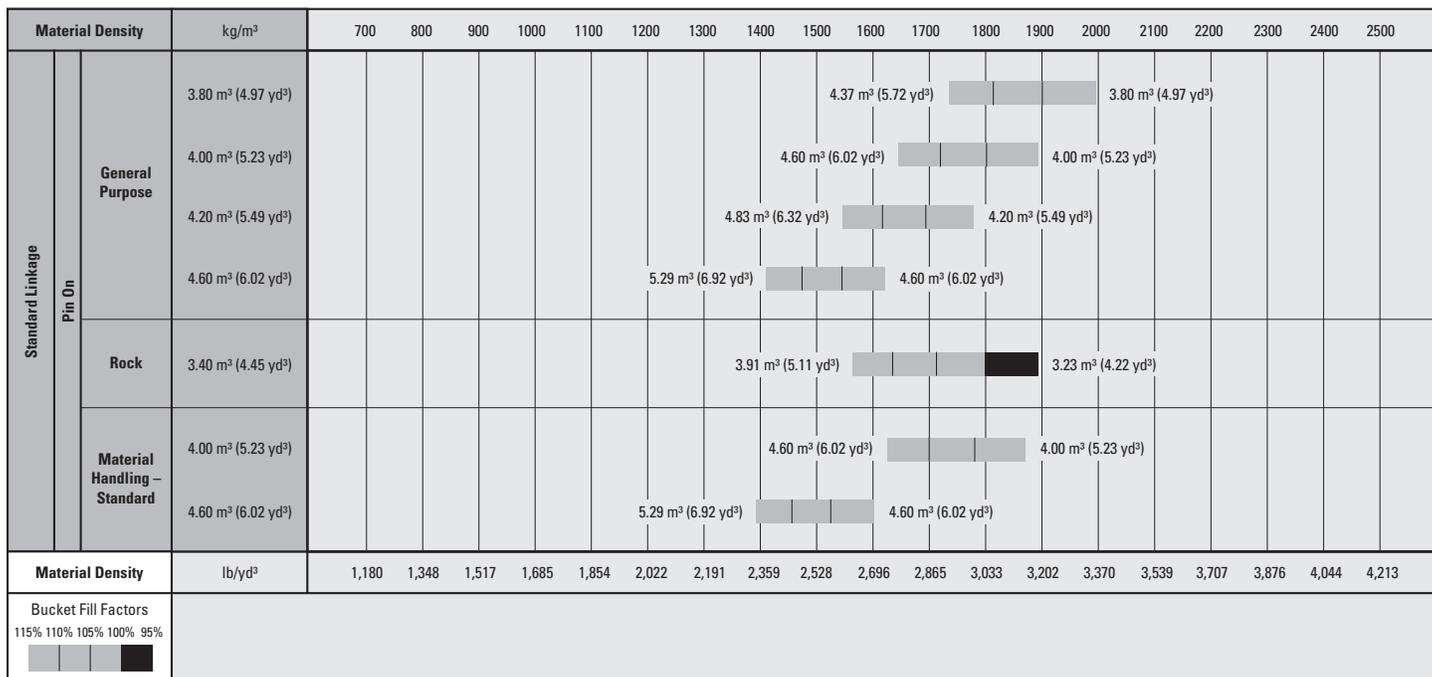
(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(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.

966H/972H Wheel Loaders Specifications

966H Bucket Selection Charts



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.

966H/972H Wheel Loaders Specifications

972H Operating Specifications – Standard

Bucket Type		General Purpose – Pin On				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	4.20	4.20	4.60	4.60	4.60	4.60
	yd ³	5.49	5.49	6.02	6.02	6.02	6.02
Capacity – Rated @ 110% Fill Factor	m ³	4.62	4.62	5.06	5.06	5.06	5.06
	yd ³	6.04	6.04	6.62	6.62	6.62	6.62
Width (§)	mm	3220	3271	3220	3271	3220	3271
	ft/in	10'6"	10'8"	10'6"	10'8"	10'6"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3225	3071	3187	3033	3120	2957
	ft/in	10'6"	10'0"	10'5"	9'11"	10'2"	9'8"
Reach at Maximum Lift and 45° Discharge (§)	mm	1332	1470	1363	1500	1286	1413
	ft/in	4'4"	4'9"	4'5"	4'11"	4'2"	4'7"
Reach at Level Lift Arm and Bucket Level (§)	mm	2955	3160	3004	3209	3014	3219
	ft/in	9'8"	10'4"	9'10"	10'6"	9'10"	10'6"
Digging Depth (§)	mm	103	103	103	103	103	103
	in	4"	4"	4"	4"	4"	4"
Overall Length	mm	9128	9352	9177	9401	9187	9411
	ft/in	30'0"	30'9"	30'2"	30'11"	30'2"	30'11"
Overall Height with Bucket at Maximum Lift	mm	5937	5937	6195	6195	6162	6162
	ft/in	19'6"	19'6"	20'4"	20'4"	20'3"	20'3"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 925	15 105	14 951	15 133	14 957	15 139
	ft/in	49'0"	49'7"	49'1"	49'8"	49'1"	49'8"
Static Tipping Load, Straight (ISO)*	kg	18 040	17 857	17 926	17 742	17 868	17 684
	lb	39,761	39,358	39,510	39,104	39,381	38,976
Static Tipping Load, Straight (No Tire Deflection)*	kg	19 358	19 173	19 254	19 068	19 175	18 989
	lb	42,666	42,258	42,436	42,026	42,262	41,853
Static Tipping Load, Articulated (ISO)*	kg	15 675	15 492	15 566	15 382	15 517	15 333
	lb	34,548	34,144	34,308	33,902	34,200	33,795
Static Tipping Load, Articulated (No Tire Deflection)*	kg	17 013	16 828	16 914	16 728	16 845	16 660
	lb	37,498	37,090	37,279	36,868	37,128	36,719
Breakout Force** (§)	kN	226	224	218	216	216	215
	lbf	50,833	50,524	49,005	48,696	48,673	48,365
Operating Weight*	kg	25 112	25 250	25 173	25 311	25 168	25 306
	lb	55,346	55,650	55,480	55,784	55,469	55,773

* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

** 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.

966H/972H Wheel Loaders Specifications

972H Operating Specifications – Standard

Bucket Type		Rock – Pin On		Material Handling – Pin On – Standard			
		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m ³	4.00	4.00	4.60	4.60	5.00	5.00
	yd ³	5.23	5.23	6.02	6.02	6.54	6.54
Capacity – Rated @ 110% Fill Factor	m ³	4.40	4.40	5.06	5.06	5.50	5.50
	yd ³	5.75	5.75	6.62	6.62	7.19	7.19
Width (§)	mm	3252	3252	3220	3271	3220	3271
	ft/in	10'8"	10'8"	10'6"	10'8"	10'6"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3233	3142	3120	2957	3070	2908
	ft/in	10'7"	10'3"	10'2"	9'8"	10'0"	9'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1463	1571	1286	1413	1335	1462
	ft/in	4'9"	5'1"	4'2"	4'7"	4'4"	4'9"
Reach at Level Lift Arm and Bucket Level (§)	mm	3073	3214	3014	3219	3084	3289
	ft/in	10'1"	10'6"	9'10"	10'6"	10'1"	10'9"
Digging Depth (§)	mm	44	44	103	103	103	103
	in	1.7"	1.7"	4"	4"	4"	4"
Overall Length	mm	9235	9379	9187	9411	9257	9481
	ft/in	30'4"	30'10"	30'2"	30'11"	30'5"	31'2"
Overall Height with Bucket at Maximum Lift	mm	6159	6159	6162	6162	6223	6223
	ft/in	20'3"	20'3"	20'3"	20'3"	20'5"	20'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	15 039	15 123	14 957	15 139	14 996	15 178
	ft/in	49'5"	49'8"	49'1"	49'8"	49'3"	49'10"
Static Tipping Load, Straight (ISO)*	kg	18 511	18 441	17 888	17 703	17 758	17 573
	lb	40,798	40,644	39,425	39,019	39,139	38,731
Static Tipping Load, Straight (No Tire Deflection)*	kg	19 876	19 806	19 195	19 009	19 078	18 891
	lb	43,808	43,652	42,306	41,895	42,049	41,636
Static Tipping Load, Articulated (ISO)*	kg	16 080	16 009	15 537	15 353	15 410	15 225
	lb	35,440	35,285	34,244	33,838	33,965	33,556
Static Tipping Load, Articulated (No Tire Deflection)*	kg	17 467	17 396	16 865	16 679	16 752	16 564
	lb	38,498	38,342	37,172	36,761	36,921	36,508
Breakout Force** (§)	kN	220	220	216	215	206	204
	lbf	49,563	49,451	48,687	48,377	46,309	46,001
Operating Weight*	kg	25 969	26 020	25 146	25 284	25 230	25 368
	lb	57,236	57,348	55,422	55,726	55,607	55,911

* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

** 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.

966H/972H Wheel Loaders Specifications

972H 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	335 1'1"
Reach at Maximum Lift and 45° Discharge (§)	mm ft/in	23 0'0.9"
Reach at Level Lift Arm and Bucket Level (§)	mm ft/in	273 0'10"
Digging Depth (§)	mm in	-4 -0.1"
Overall Length	mm ft/in	336 1'2"
Overall Height with Bucket at Maximum Lift	mm ft/in	336 1'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm ft/in	332 1'2"
Static Tipping Load, Straight (ISO)*	kg lb	-1591 -3,507
Static Tipping Load, Straight (No Tire Deflection)*	kg lb	-1671 -3,683
Static Tipping Load, Articulated (ISO)*	kg lb	-1438 -3,170
Static Tipping Load, Articulated (No Tire Deflection)*	kg lb	-1530 -3,372
Breakout Force** (§)	kN lbf	-6 -1,424
Operating Weight*	kg lb	85 186

* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L3 Michelin XHA2 radial tires, power train guard, full fuel tank, coolants, lubricants, air conditioner and operator.

** 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.

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

966H/972H Wheel Loaders Specifications

972H 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	General Purpose	4.20 m ³ (5.49 yd ³)																					
		4.60 m ³ (6.02 yd ³)																					
	Material Handling	4.60 m ³ (6.02 yd ³)																					
		4.60 m ³ (6.02 yd ³)																					
	Rock	4.00 m ³ (5.23 yd ³)																					
	Material Handling – Standard	4.60 m ³ (6.02 yd ³)																					
		5.00 m ³ (6.54 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/tertiary
- 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)
- Single clutch speed shifting (SCSS)/torque based 2-1 shift

OTHER

- Automatic bucket positioner
- Counterweight
- Couplings, Cat O-ring face seal
- Doors, service access (locked)
- 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
- Ashtray
- 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 (966H/972H)
 - Forest Machine Arrangement (966H)
 - Industrial Loader Arrangement (966H/972H)
- Tool box
- Variable Pitch Fan (VPF)

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

AEHQ7045 (02-2014)

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