

# 980 XE

## WHEEL LOADER



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**Engine Power**  
**Operating Weight**

313 kW (420 hp)  
30 344 kg (66,877 lb)

Cat® engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.

**CAT®**

# CAT® 980 XE

BUILT TO BURN LESS AND HAUL MORE

The Cat® 980 XE Wheel Loader is engineered to move more with less – delivering brute strength and smart efficiency where it counts. Its advanced drivetrain and intelligent systems work together to maximize every pass, while extended service intervals help to keep downtime off the clock. Built for high-output environments like mining, construction, and aggregates, the 980 XE is the machine that turns heavy lifting into high performance.



## WHEEL LOADERS MADE FOR MORE

Cat wheel loaders were built with efficiency in mind, offering you the best in:

+ RELIABILITY	+ FUEL EFFICIENCY
+ DURABILITY	+ TECHNOLOGY
+ PRODUCTIVITY	+ VERSATILITY

Experience higher performance while reducing costs and fuel consumption with Cat wheel loaders.

# SUPERIOR FUEL EFFICIENCY



## ADVANCED SYSTEMS WITH INNOVATIVE INTEGRATION

The deep system integration of the engine and emissions system, powertrain, hydraulic system, and cooling system lower engine speeds and overall system heat loads, resulting in significantly increased performance and fuel efficiency.

## ENGINE AND EMISSIONS

High power density and fuel efficiency set our engines apart. Certified to meet emission standards, our engines feature Cat electronics, fuel injection, and air-management systems.

## SMART SPEED CONTROLS

Lowering the rated engine speed and eliminating the torque converter result in machine speed that can be controlled independently of the engine RPM. This also allows you to decelerate the machine using engine and hydraulic retarding, saving service brake wear.

## EFFICIENT POWERTRAIN

Running the engine at lower RPM, optimizing the power flow through the transmission, combined with the dedicated hydraulic system significantly improves fuel efficiency with the highest performance capability.

### PROVEN FUEL SYSTEM

Cat injection timing regulates the fuel injection process through a series of timed microbursts, providing more control of combustion for the cleanest, most efficient fuel burn.

### AFTERTREATMENT TECHNOLOGIES

The Cat Clean Emissions Module delivers the performance and efficiency that customers demand, while meeting emission standards. It is completely automatic and does not interrupt the machine's work cycle.



## EFFICIENT PRODUCTIVITY

Cat continuously variable transmission offers advanced rimpull control and optimal speed-range selection. Integrated systems unlock peak performance, comfortable operation, and fuel savings. Configuration options, such as remote control, to support a wide range of applications.

## ASSISTED OPERATION

Instantly access training videos and feature guides before operation with on-board QR code.\* In-cab alerts and Remote Services track maintenance and reduce troubleshooting time. Tire monitoring ensures smooth, cost-effective operation. Updated Cat Advanced Payload improves jobsite efficiency.

## ENHANCED SAFETY

Cat Detect vision systems enhance visibility and risk management and support integration with people and object detection. Enables in-cab and bystander collision warnings and automatic emergency braking. With a VisionLink™ subscription, safety events report directly to the back office. Cat Command remote control lets operators work safely from a distance.

## MAXIMIZE EFFICIENCY RIGHT FROM THE CAB

Cat wheel loaders feature integrated technologies that help make your operation more efficient.



A MORE EFFICIENT JOBSITE MEANS  
MORE PROFIT IN EVERY LOAD.

\*980 XE (14C) compared to the 980 XE (14B)



# CAT CONTINUOUSLY VARIABLE TRANSMISSION

Our advanced transmission delivers smooth operation, fast acceleration, and high speed on grade.

## SIMPLE OPERATOR INTERFACE

Reduced operating complexity offers more comfort, better control, and less fatigue every shift.

## RIGHT PEDAL CONTROL – GO

The right-hand pedal allows you to control machine speed and desired rimpull independently from engine RPM. It features a lock function to enhance operating comfort.

## LEFT PEDAL MODULATION – STOP

The left-hand pedal provides integrated rimpull modulation and retarding functions. It will help reduce tire slip in the dig and brake wear using machine system to slow down the machine.

## EASY MANEUVERABILITY

Machine maneuvering is made easy with creep capability and hill-hold on grade.

## ADVANCED POWER DIAGNOSTIC

On-board diagnostic replaces stall testing and offers additional troubleshooting information.

## SIMPLIFIED TRANSMISSION CONTROL STRATEGY

- Programmable Virtual Gears
  - Allows the operator to remain in full machine control without impacting fuel efficiency.
- Fully Automatic
  - The continuously variable transmission does not require adequate gear selection from the operator and always delivers desired rimpull or speed.
- Integrated Flexibility
  - Separate virtual gears can be set for speed control, simplifying machine operation.
- Steady Deceleration
  - Modulate rimpull and speed with either pedal to engage pile with maximum efficiency.
- Simple Directional Shifting
  - Initiate directional changes at any speed and let the machine retard without applying the brakes or modulating throttle for smooth operation and increased operator comfort.



# PRODUCTIVE RESULTS

BUILT FOR LONG-TERM PRODUCTION

## ON-BOARD JOB AIDS

Job aids help make machine operation easier, while also allowing your operators to improve and optimize their skills on the jobsite.

## CONTINUOUS VARIABLE TRANSMISSION

No shift delays or engine underspeed situations affect the productivity of the machine.

## OPTIMIZED RIDE CONTROL SYSTEM

Dual accumulator system enables a better ride in loaded and unloaded situations. It improves smoothness over rough terrain, increasing confidence and efficiency and ensuring excellent material retention.

## PERFORMANCE SERIES BUCKETS

Easy-to-load Performance Series Buckets improve material retention and reduce dig times, significantly improving productivity and fuel efficiency, resulting in unsurpassed production capabilities with increased fill factors – ranging from 100% to 115%.

## BETTER TRACTION

Autodig with Auto Set Tires for consistent high bucket fill factors delivers excellent productivity. Refined Auto Set Tires simplifies setup, boosts performance, and cuts wear for even smoother operation. Optional limited slip differentials increase traction in slippery conditions.

## AGGREGATE HANDLER

Aggregate packages are specialized offerings for loose aggregate rehandling applications. Payloads can be increased above other applications by installing larger buckets and counterweights in compliance with Caterpillar payload policy.

### THE RIGHT MIX OF FEATURES

Fine-tuned for the right applications:

- + EXCEPTIONAL FUEL ECONOMY, MAXIMIZED UPTIME, AND LOW MAINTENANCE COSTS
- + HIGH POWER AND PERFORMANCE ACROSS A VARIETY OF APPLICATIONS
- + ENHANCED RELIABILITY THROUGH COMMONALITY AND SIMPLICITY OF DESIGN
- + WORLD-CLASS SUPPORT FROM THE CAT DEALER NETWORK
- + DURABLE DESIGNS WITH LONG LIFE TO OVERHAUL



## ADVANCED POWERTRAIN

Power is transmitted through a continuous variable parallel path transmission. Combining direct mechanical and Hystat power paths maximizes efficiency over a wide range of operating conditions.



## OPTIMIZED HYDRAULICS

Our hydraulic systems come equipped with a mono-block main hydraulic valve. This design reduces weight while decreasing leak points by 40%.



## DURABLE FRAMES

The robotically welded two-piece structural frame absorbs impact associated with excavation and loading, while the hitch system provides high bearing force capacity.



## DURABLE AXLES

Axles are designed to handle your most extreme applications. The rear axle oscillates to  $\pm 13$  degrees for excellent stability and traction on even the roughest terrain.



## QUICK COUPLERS AND WORK TOOLS

For versatility, buckets and components can be changed without leaving the cab, allowing the machine to quickly move from task to task.



## EXTENSIVE RANGE OF ATTACHMENTS

Do more jobs with one machine. An extensive range of work tools and bucket styles are available to optimize these machines for your operation.

# INTEGRATED TECHNOLOGY SOLUTIONS

## FOR EFFICIENT AND SAFER OPERATION

Your machine comes equipped with innovative Cat technologies that give you the edge. Operators of all experience levels will dig and load with more confidence, speed, and accuracy. The result? Better productivity and lower costs.



### CAT DETECT

Cat Detect vision systems scale your jobsite needs to provide increased visibility and help you manage ever-changing conditions that pose unexpected risks potentially leading to injury or repair costs.

- Rear vision camera enhances visibility behind the machine, helping you work safely and confidently.
- Surround vision provides 360° visibility around the machine, including the articulation hitch area, enhancing an operator's situational awareness.

To complete the Cat Detect vision system offerings, the machines can be equipped with a rear radar system, which features speed-sensitive alerts and ground clutter filtering to avoid annoyance.

Collision Mitigation System is an operator assist feature designed to enhance situational awareness when reversing the machine. It utilizes an integrated and intelligent sensor array to provide reverse collision warnings, detect people, inhibit motion, and enable automatic emergency braking. Additionally, visibility into event data and safety trends is available through VisionLink™.

### CAT COMMAND

Cat Command remote control enables equipment operators to work safely outside the machine when working in hazardous environments. Command offers the choice of handheld consoles\* (line-of-sight) or long-distance virtual stations (non-line-of-sight). Deep integration with machine systems enables efficiency and productivity by maintaining the use of in-cab technology\* features.

### CAT PAYLOAD\*\*

Cat Payload technology delivers precise bucket load information with on-the-go weighing, which helps prevent over- or underloading. The low lift weigh and manual tip-off functions optimize the final bucket process and maximize efficiency.

### CAT ADVANCED PAYLOAD

Advanced Payload is a system upgrade that offers expanded features and capabilities. Tip-off assist adds automation to the final bucket process. Multitask mode tracks two loading processes simultaneously. Recipe mode ensures accurate material blends. Split mode allows for loading multiple bodies while tracking individual targets and grand totals. Expanded split mode simplifies load tracking to boost productivity and reduce errors. Add Dispatch for Loading\*\*\* to integrate the loader into the scale house process. E-Ticketing allows an operator to generate a weighing ticket and effortlessly send it over the air to any email address.

### CAT PAYLOAD FOR TRADE\*\*\*\*

The Cat Payload for Trade option for Cat Advanced Payload allows you to integrate the scale data directly into your business processes. It is type approved by the International Organization of Legal Metrology, while retaining all the features of the standard version of Cat Advanced Payload.

\* Cat Command is not available in all regions or for all models. Please consult with your Cat dealer for machine compatibility and availability in your area.

\*\* Not legal for trade.

\*\*\* Subscription and compatible scale house software required.

\*\*\*\* Available in Europe and Australia. Country certifications vary. Contact your Cat dealer for more information.

# REAL-TIME INFORMATION FROM CAT LINK

## TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

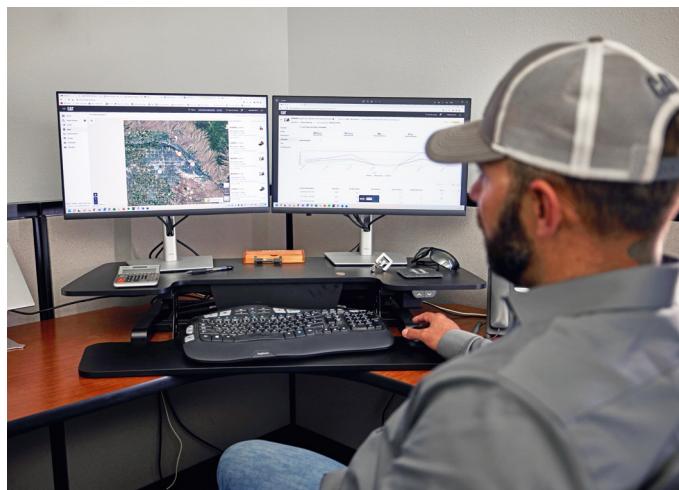
Cat Equipment Management technologies work together to put equipment information at your fingertips. Get real-time access to information on every machine in your fleet on any jobsite – no matter the size of the operation or the brands of equipment you run.



### VISIONLINK™

Gather and summarize machine telematics and jobsite data from all your equipment – regardless of the manufacturer.\* View actionable information such as idle time, fuel burn, location, payload, load counts, total cycles, and more to improve machine efficiency, productivity, and utilization. Access data anywhere via a mobile, tablet, or desktop device – on or off the jobsite.

\* Data field availability can vary by equipment manufacturer. VisionLink subscription required. Availability may vary by region. Consult your Cat dealer for more details.



### CAT REMOTE SERVICES\*

A suite of technologies that improve your jobsite efficiency.

- + **Remote Troubleshoot** allows your Cat dealer to perform diagnostic testing on your connected machine remotely, pinpointing potential issues while the machine is in operation. Remote troubleshooting helps to ensure the technician arrives with the correct parts and tools the first time, eliminating additional trips, to save you time and money.
- + **Remote Flash** allows you to update onboard software without a technician being present, allowing you to initiate software updates when convenient, increasing your overall operating efficiency.
- + **Operator ID** requires operators to log in via Passcode or Bluetooth® (Cat Key Fob) at machine startup, helping to deter theft, vandalism, and unauthorized use. It saves settings from the last time an operator was logged in and maintains profiles that were retained during machine software flash updates. Operator IDs are easily managed through the touchscreen and can also be managed remotely and uploaded to the machine through VisionLink.

\* Must be within cell range coverage.



### CAT INSPECT

Cat Inspect is a mobile application that allows you to easily perform digital preventative maintenance checks, inspections, and daily walkarounds. The app includes machine-specific Preventive Maintenance (PM) checklists to perform service intervals as recommended in the Operation and Maintenance Manual. Inspections can easily be integrated with other Cat data systems like VisionLink, so you can keep a close eye on your fleet.

# WORK IN COMFORT

## IN THE SPACIOUS CAB

The cab is designed to enhance comfort and efficiency, providing a quiet, more expansive workspace with user-friendly controls to minimize fatigue, stress, noise, and heat during demanding tasks.



### CAB ACCESS

Inclined steps, large opening door, remote door opener, and convenient grab handles ease accessibility to the operating space.



Secure machine usage with dedicated Operator IDs. Machine settings are saved separately, increasing shift change efficiency. Unlock the machine using Passcode or optional Bluetooth® key.



### GREAT VISIBILITY

Large, wide windows enhance visibility while convex and spot mirrors extend the driver's view on the sides and rear.



### COMFORTABLE WORK ENVIRONMENT

Spacious cab with significant legroom and easily adjustable seat and suspension. Optional 4-point seat belt kit with retractor on the lap belt for added comfort, efficiency, and freedom of movement. A left footrest allows for added operator comfort, safety, and machine stability when working in uneven, bumpy operations.



### QUIET CAB

Sound-suppression, seals, and viscous cab mounts decrease noise for a quieter work environment.



### JOYSTICK STEERING

The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy.

# SIMPLE CONTROLS AT YOUR FINGERTIPS

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## TOUCHSCREEN DISPLAY

The easy and intuitive interface lets the operator work with confidence and efficiency. It includes Operator ID, machine settings, job aids, maintenance reminders, help functions, security, rearview camera, and integrated Cat Payload. Additionally, operators can instantly access training videos and feature guides before operation using an on-board QR code.



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## CENTRAL DISPLAY

Featuring easy-to-read analog gauges and LED indicators that allow the operator to quickly monitor critical machine health parameters.

A large text box displays the Cat Payload information as well as gear selection, machine travel speed, time, and hour meter.

Application Profile settings allow each operator to set customized forward/reverse default speed ranges and rimpull limits and are easily visible on the front dash.



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## KEYPADS

Easy-to-reach backlit keypads on the implement control pod and the A-post provide instant access to many functions and settings. Only active buttons or functions are illuminated, making it very intuitive for the operator.





## LOW MAINTENANCE COSTS

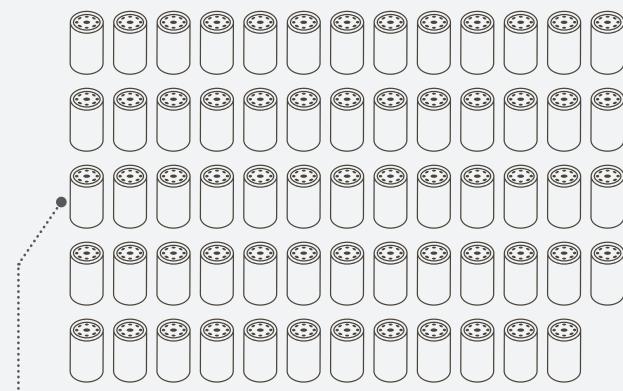
Cat wheel loaders are easy to maintain and service, eliminating any potential waste of time or money. Major components are rebuildable, giving the machine a second life and often a third life.

### KEY FEATURES SAVING YOU TIME, MONEY, AND ENERGY:

- + Tire Pressure Monitoring System lets operators track pressure via the main display, enhancing performance, ride quality, and cost-efficiency.
- + Maintenance reminders help to synchronize machine maintenance schedule and reduce operation downtime.
- + Convenient access to hydraulic and electrical service centers for easy and safe servicing.
- + Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- + Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- + Integrated Autolube extends component and service life.
- + One-piece tilting hood makes engine compartment access fast and easy.

### FEWER FILTERS MEANS LESS MAINTENANCE

**64** THE 980 XE USES 64 FEWER FILTERS OVER 10,000 HOURS COMPARED TO THE 980M.



.... Fewer filters over the machine's lifetime.



# DO MORE JOBS

## VERSATILE ATTACHMENTS AND COUPLERS

For worksites that demand more, you need a wheel loader that is purpose-built for the job. Cat work tools are engineered to handle all of your specific application needs.

### STANDARD Z-BAR LINKAGE

The proven Z-bar linkage combines digging efficiency with sharp visibility, resulting in excellent excavation, high breakout forces, and superior production capabilities.

### QUICK COUPLERS AND WORK TOOL ATTACHMENTS

A wheel loader equipped with a Cat Fusion™ quick coupler system is a much more versatile machine. Buckets and work tools can be changed without leaving the cab – allowing the machine to quickly move from task to task. Consult your local dealer for availability of a variety of specialty buckets and forks.

Single Life Cutting Edge ground engaging tool (GET) delivers reliable performance and reduces downtime, helping you maximize productivity with fewer replacements and lower maintenance costs.

### PERFORMANCE SERIES BUCKETS

Performance Series Buckets use a system-based approach to balance bucket shape with the machine's lift and tilt capacity, weight, and linkage. A variety of work tools and bucket styles are available for a range of applications, including general purpose, flat floor, heavy duty rock, and coal-style buckets.

- + Easy loading
- + Fuel efficient
- + Carry more
- + Lower operating costs
- + Higher productivity

### HIGH LIFT LINKAGE

The optional high lift linkage offers increased hinge pin height to load more easily in a variety of applications with any type of bucket or fork.

### PURPOSE-BUILT SPECIALTY CONFIGURATIONS

Maximize your wheel loader's performance and durability in the toughest applications with application-specific arrangements direct from the factory.

**Scrap and waste models** – guarding and reinforcement protect components when working in transfer stations, recycling depots, scrap yards, and demolition sites.

**Forestry model** – increases lift and tilt capacities for efficiency and productive log and chip handling in paper, pellet, and sawmills.

# TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

ENGINE		
Engine Model		Cat® C13
Engine Power @ 1,700 rpm – ISO 14396	313 kW	420 hp
ISO 14396 (DIN)		426 hp (metric)
Gross Power @ 1,700 rpm – SAE J1995	317 kW	425 hp
Net Power @ 1,700 rpm – ISO 9249, SAE J1349	293 kW	393 hp
ISO 9249:2007 (DIN)		398 hp (metric)
Engine Torque @ 1,200 rpm – ISO 14396	2185 N·m	1,612 lbf-ft
Gross Torque @ 1,200 rpm – SAE J1995	2206 N·m	1,627 lbf-ft
Net Torque @ 1,100 rpm – ISO 9249, SAE J1349	2086 N·m	1,539 lbf-ft
Displacement	12.5 L	

- Cat engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner, and aftertreatment.
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible\* with ULSD blended with the following lower-carbon intensity fuels\*\* up to:
  - 20% biodiesel FAME (fatty acid methyl ester)\*\*\*
  - 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

\* While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.

\*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

\*\*\* Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

WEIGHTS		
Operating Weight	30 344 kg	66,877 lb

• Weight based on a machine configuration with Bridgestone 29.5R25 VSNT L4 radial tires, full fluids, operator, standard counterweight, ride control cold start, roading fenders, Product Link, open differential axles (front/rear), secondary steering, sound suppression, and a 5.4 m<sup>3</sup> (7.1 yd<sup>3</sup>) general purpose bucket with BOCE.

BUCKET CAPACITIES		
Bucket Range	4.0- 14.5 m <sup>3</sup>	5.25- 19.0 yd <sup>3</sup>

TRANSMISSION		
Forward 1	7.0 km/h	4.4 mph
Forward 2	13.6 km/h	8.4 mph
Forward 3	24.0 km/h	14.9 mph
Forward 4	39.5 km/h	24.5 mph
Reverse 1	8.1 km/h	5.0 mph
Reverse 2	15.5 km/h	9.6 mph
Reverse 3	29.5 km/h	18.3 mph
Reverse 4	N/A	N/A

- Maximum travel speed in standard vehicle with empty bucket and standard L4 tires with 935 mm (37 in) roll radius.

SOUND		
Operator Sound Pressure Level (ISO 6396:2008)	70 dB(A)	
Exterior Sound Power Level (ISO 6395:2008)	110 dB(A)	
Operator Sound Pressure Level (ISO 6396:2008)*	70 dB(A)	
Exterior Sound Power Level (ISO 6395:2008)**	107 dB(A)	

\*Including countries that adopt the EU and UK Directives

\*\*EU Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701

OPERATING SPECIFICATIONS		
Static Tipping Load – Full 40° Turn – with Tire Deflection	19 706 kg	43,432 lb
Static Tipping Load – Full 40° Turn – No Tire Deflection	20 965 kg	46,208 lb
Breakout Force	227 kN	51,008 lbf

- For a machine configuration as defined under "Weight."
- Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

SERVICE REFILL CAPACITIES		
Fuel Tank	426 L	112.5 gal
Diesel Exhaust Fluid (DEF) Tank	21 L	5.5 gal
Cooling System	52 L	13.7 gal
Crankcase	37 L	9.8 gal
Transmission	77 L	20.3 gal
Differentials and Final Drives – Front	84 L	22.2 gal
Differentials and Final Drives – Rear	84 L	22.2 gal
Hydraulic Tank	153 L	40.4 gal

HYDRAULIC SYSTEM		
Implement System:		
Maximum Pump Output (1,400 rpm)	457 L/min	121 gal/min
Maximum Operating Pressure		34 300 kPa 4,975 psi
Hydraulic Cycle Time – Total		10.1 seconds

DIMENSIONS		
	Standard Lift	High Lift
Height to Top of Hood	3064 mm	10'1"
Height to Top of Exhaust Pipe	3764 mm	12'5"
Height to Top of ROPS	3829 mm	12'7"
Ground Clearance	456 mm	1'5"
Center Line of Rear Axle to Edge of Counterweight	2661 mm	8'9"
Center Line of Rear Axle to Hitch	1900 mm	6'3"
Wheelbase	3800 mm	12'6"
Overall Length (without bucket)	8155 mm	26'10"
Hinge Pin Height at Maximum Lift	4554 mm	14'11"
Hinge Pin Height at Carry	632 mm	2'0"
Lift Arm Clearance at Maximum Lift	3881 mm	12'8"
Rack Back at Maximum Lift	61 degrees	
Rack Back at Carry Height	48 degrees	
Rack Back at Ground	40 degrees	
Width over Tires (Loaded)	3260 mm	10'9"
Tread Width	2440 mm	8'0"

• All dimensions are approximate and based on machine equipped with 5.4 m<sup>3</sup> (7.1 yd<sup>3</sup>) general purpose bucket with BOCE and Bridgestone 29.5R25 VSNT L4 radial tires.

AIR CONDITIONING SYSTEM		
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.		
– If equipped with R134a (Global Warming Potential = 1430), the system contains 1.600 kg (3.5 lb) of refrigerant which has a CO <sub>2</sub> equivalent of 2.288 metric tonnes (2.522 tons).		
– If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 1.389 kg (3.1 lb) of refrigerant which has a CO <sub>2</sub> equivalent of 0.001 metric tonnes (0.001 tons).		

# STANDARD AND OPTIONAL EQUIPMENT

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

OPERATOR ENVIRONMENT	STANDARD	OPTIONAL	POWERTRAIN	STANDARD	OPTIONAL
Cab, pressurized, sound suppression	●		Cat C13 engine	●	
Door, remote opening system	●		Electric fuel priming pump	●	
EH implement controls, parking brake	●		Turbine, air precleaner		●
Footrest		●	Radiator, high debris		●
Steering, joystick	●		Cooling fan, reversible		●
Implement joystick (2V, 3V only)		●	Axles, open differentials	●	
Radio, (FM, AM, USB, BT, DAB+)		●	Axles, limited slip differential(s)		●
CB radio ready		●	Axles, ecology drains	●	
Seat, suede/cloth, air suspension, heated	●		Axles, AOC ready, extreme temperature seals		●
Seat, leather/cloth, air suspension, heated/ventilated		●	Axles, oil cooler		●
Keypad, programmable buttons	●		Transmission, continuous variable	●	
Mirrors, heated	●		Rimpull control	●	
Air conditioner, heater, defroster	●		Throttle lock mode	●	
Windows, front, safety laminated rounded glass	●		Hill and speed hold on grades	●	
Windows, front, heavy-duty, or full guards		●	Service brakes, hydraulic, fully enclosed wet disc, wear indicators	●	
ON-BOARD TECHNOLOGIES	STANDARD	OPTIONAL	PARK BRAKE	STANDARD	OPTIONAL
Autodig with Auto Set Tires	●		Park brake, caliper on front axles, spring applied-pressure released	●	
Operator ID and machine security	●		LINKAGE	STANDARD	OPTIONAL
Application Profiles	●		Standard lift, Z-bar	●	
Job Aids	●		High lift, Z-bar		●
Controls Help and eOMM*	●		Kickouts: lift and tilt	●	
Cat® Payload	●		ADDITIONAL EQUIPMENT	STANDARD	OPTIONAL
Cat Advanced Payload		●	Cat Autolube system		●
Cat Payload for Trade****		●	Fenders, roading		●
Cat Payload Printer with E-ticket <sup>1</sup>		●	Biodegradable hydraulic oil		●
Dispatch for loading <sup>1</sup>		●	Fast fill fuel tank		●
Key Features Inform	●		Single Life Cutting Edge GET		●
Bucket Carry Display Widget	●		SAFETY	STANDARD	OPTIONAL
Remote Flash	●		Seat belt reminder	●	
HYDRAULICS	STANDARD	OPTIONAL	2-point seat belt	●	
Implement system, electro-hydraulic with variable displacement piston pump	●		4-point seat belt (kit)		●
Steering system, load sensing with dedicated variable displacement piston pump	●		Rear vision camera	●	
Ride control, dual accumulators	●		Rear vision camera, dedicated		●
3rd auxiliary function with ride control		●	Seat belt indicator lamp		●
Quick coupler control		●	Surround vision, dedicated		●
ELECTRICAL	STANDARD	OPTIONAL	Window cleaning platform, front		●
Starting and charging system, 24V	●		Collision warning system		●
Cold start, 120V or 240V		●	Collision mitigation system		●
Lights: halogen	●		Reverse strobe lights***		●
Lights: roading with turn signals	●		Warning beacon		●
Lights: LED		●	Secondary steering system, electrical**		●
MONITORING SYSTEM	STANDARD	OPTIONAL	Wheel chocks		●
Front dash with analog gauges, LCD display, and warning lights	●		Cat Command remote control		●
Primary touchscreen monitor	●		SPECIAL CONFIGURATIONS	STANDARD	OPTIONAL
Tire Pressure Monitor		●	Aggregate handler		●
Maintenance Reminders	●		Waste and scrap		●

\* Not available in all languages

\*\* Standard where mandated

<sup>1</sup>Subscription required

\*\*\* Not Compatible with roading arrangements

\*\*\*\* Available in Europe and Australia. Country certifications vary. Contact your Cat dealer for more information.

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com).

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Build Number: 14C

(N Am, Europe, Aus-NZ,  
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