



# Cat<sup>®</sup> 995

## Wheel Loader

*The Cat<sup>®</sup> 995 Wheel Loader meets your demand for greater productivity by delivering more — and using less. It gives you more payload, more power and more performance while using less fuel. So you can get more done in less time while reducing fuel usage. Introduced in 1990, the 994 was the top choice in its size class for over 25 years. The 995 builds on the success of the 994K model with the goal of achieving even higher efficiency and production. Compared to the 994K, the new 995 is up to 19% more efficient and up to 19% more productive, thanks to a higher rated payload, increase in hydraulic force and up to 20% reduction in hourly fuel consumption in Enhanced Eco Mode. It also offers an improved operator environment, with greater visibility and 50% more leg room, plus features that improve operator confidence while reducing fatigue.*

### Designed to Get More Done... Using Less Time and Fuel

- Increased rated payload and 6% increase in hydraulic force compared to 994K.
- Tire Slip Prevention, which reduces rimpull when there is less downforce on the tire and increases rimpull when there is more downforce on the tire — providing maximum rimpull when you can use it.
- Tire Set, which automatically applies a lift command at the optimal time to increase traction on the tire, allowing for an increase in usable rimpull.
- Lift Stall Prevention, which automatically applies the impeller clutch when necessary to prevent hydraulic stall when lifting up through the face — keeping the lift motion continuous, without excessive use of the impeller clutch.
- Positive Flow Control Hydraulic System, which boosts efficiency with concurrent pump and valve control and increases bucket feel and control to deliver consistent performance.
- On-demand throttle feature that allows operators to maintain normal operation with the left pedal and implements while the 995 manages the engine speed.

### Maximum Operator Comfort and Productivity... All Day, Every Day

- Increased leg room and increased width by the operator's knees compared to 994K.
- Reduced vibration, low sound levels and automatic temperature controls.
- Electro-hydraulic speed-sensing steering with force feedback for shift-long comfort.
- Pressurized cab featuring Next Gen Seat with 9-inch travel, active cooling and heating, adjustable lumbar support, seat cushion tilt adjustment, and air-adjustable bolsters on the seat and backrest.
- Low-effort integrated controls that make cycles smoother and faster while reducing fatigue.
- Large, easy-to-read, color LED displays that provide access to the Electronic Operation & Maintenance Manual.

- Operator coaching, which helps empower operators to exceed targets by measuring and providing feedback to reinforce proper operating techniques.
- New Autodig Components that boost efficiency and reduce tire wear by automating critical parts of the digging cycle.
- Payload Overload Prevention, which inhibits severe payloads from being raised to full truck height.

### Easier to Maintain – and Rebuild – for Lowest Total Cost of Ownership

- Frame, powertrain, engine and components that are all built to be rebuilt — using new, remanufactured or rebuilt parts and components — to deliver multiple lives of like-new performance at a fraction-of-new price.
- Redesigned pump bay, which offers improved access to transmission components, discharge ports located on the side of pumps, and lines routed directly to screen.
- Reduced number of steering hoses and tubes; removal of brackets and neutralizers, eliminating the need for neutralizer adjustment; and addition of pilot accumulator, EH valve and pilot filter.
- Improvements in filters and diagnostics across the machine, with groundline service that includes a steering pilot filter, transmission filters and steering pump discharge screen; pump bay that includes a brake pump filter, implement pilot filter and implement discharge screens; and diagnostic ports that are accessible from the front walk deck and pump bay.

### Built to Handle Your Toughest Working Conditions

- High load stresses are absorbed by the solid steel lift arms, increasing durability.
- Full box-section rear frame resists torsional shocks and twisting forces to maximize life of mounted components.
- Frames utilize one-piece castings in key areas to maximize frame durability and optimize efficiency.



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## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>OPERATOR ENVIRONMENT</b>			<b>OPERATOR ENVIRONMENT (continued)</b>		
Premium seat with heated and actively cooled leather, adjustable lumbar support, air adjustable bolsters on the seat and backrest, seat cushion tilt adjustment and two-way thigh support adjustment	✓		Keypad control with indicator lights	✓	
Bonded glass, tinted	✓		Dome light in cab	✓	
Rubber-mounted, high-impact resistant solar control glass		✓	Lunchbox and beverage holders	✓	
Trainer seat	✓		Electro-hydraulic force feedback steering	✓	
Trainer seat with suspension		✓	Sun screen, pull down (front and rear)		✓
Dual-lever lift and tilt function controls	✓		Vital Information Management System (VIMSTM) with information display: external data port, cycle timer	✓	
Joystick lift and tilt function controls		✓	AM/FM/AUX radio		✓
Implement kickouts	✓		AM/FM/AUX/USB/BT/CD/SAT radio		✓
Air conditioner	✓		Coat hook	✓	
Cab pressure indicator	✓		<b>MACHINE CONTROL AND GUIDANCE</b>		
Graphical touchscreen information display conveys real-time operating information	✓		Cat Payload with Overload Prevention		✓
Heater, defroster, auto temperature controls	✓		MineStar™ Health ready	✓	
Gauge instrumentation with configurable widgets:	✓		MineStar GUIDE ready		
– Status indicators			MineStar Edge ready		
– Wheel rev counter			New Autodig Components:		✓
– Simplified payload			– Tire slip prevention		
– Tire pressure monitoring system (optional)			– Lift stall prevention		
– Bucket angle			– Tire set		
– Coolant temperature			Operator coaching		✓
– Hydraulic oil temperature					
– Fuel level					
– Power train oil temperature					
– Engine speed (tachometer)					
– Transmission gear					
– Ground speed					
– Engine hour meter					
Powered cab precleaner	✓				
Operator presence status	✓				
Starting/charging system malfunction	✓				
Electronic OMM	✓				
Operator controls help	✓				
Bluetooth®-enabled machine security		✓			
Two USB charging ports	✓				
CB mounting, 12V/24V power and antenna	✓				
14-pin service port	✓				
12V power	✓				
Selectable application profiles	✓				
Entertainment radio mute	✓				
Push-To-Start (PTS)	✓				
Warning/indicator instrumentation	✓				

(continued on next page)

## Standard and Optional Equipment *(continued)*

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	Standard	Optional		Standard	Optional
<b>SAFETY</b>			<b>COLD WEATHER</b>		
Ground-access ladders	✓		Cold-weather cooling fan bypass (recommended for temperatures below -29° C [-20° F])		✓
Powered ground-access stairs		✓	Heavy-duty starter (provides an additional electric starter motor and two additional batteries for a total of three starter motors and six batteries) (recommended for temperatures below 0° C [32° F])		✓
Rear-vision camera	✓		240V engine oil and coolant heating elements (recommended in conditions from -18° C to -30° C [0° F to -22° F])		✓
Cat Detect (Rear Object Detection)		✓	Fuel heater (heated by recirculation using engine heat and a heat exchanger) (recommended in conditions from -18° C to -30° C [0° F to -22° F])		✓
Front frame access with steps	✓		Heated mirrors (recommended for below-freezing temperatures)		✓
Front walkway around cab	✓		<b>RIMS AND TIRES</b>		
Pump bay access ladders with T-handle and platform	✓		Rims – 1194 mm (47") (47 × 57) 152 mm (6") flange For use with 58/85-57 84PR L4 tires		✓
Tie-offs on Rollover Protective Structure (ROPS) and radiator guards	✓		Rims – 1194 mm (47") (47 × 57) 127 mm (5") flange For use with 60/80 R57 L5R XMine D2 SR tires		✓
Steering frame lock	✓		Tires – 58/85-57 84PR L4 (require 47" rims)		✓
Wheel chocks		✓	<b>SPARE RIMS</b>		
Stairways on both sides of the machine	✓		1194 mm (47") 152 mm (44 × 57) (6") flange		✓
LED stairway and access lights	✓		1194 mm (47") 127 mm (47 × 57) (5") flange		✓
Toe kicks	✓				
Electric (field and shop) horns	✓				
Retractable seatbelt, 76 mm (3 in) wide	✓				
Trainer seat with lap belt, 76 mm (3 in) wide	✓				
Back-up alarm	✓				
Secondary steering	✓				
<b>EFFICIENCY</b>					
On demand throttle, HP Plus, and Enhanced ECO Modes	✓				
Variable displacement implement pumps	✓				
Variable displacement load sensing steering	✓				
Variable displacement cooling fan pump	✓				
Torque converter lock-up clutch	✓				
<b>SOUND</b>					
Sound-suppression package		✓			
<b>COOLING</b>					
Standard ambient package (recommended for site conditions that do not exceed 43° C [110° F])	✓				
High ambient package (recommended for site conditions that do not exceed 53° C [127° F])		✓			

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## Technical Specifications

Engine		
Engine Model	Cat® 3516E	
Emissions	U.S. EPA Tier 4 Final/ EU Stage V or U.S. EPA Tier 1 equivalent	
Rated Speed	1,600 rpm	
Engine Power – ISO 14396:2002	1377 kW	1,847 hp
Gross Power – SAE J1995:2014	1394 kW	1,870 hp
Net Power – SAE J1349:2011		
Standard Ambient	1297 kW	1,739 hp
High Ambient	1265 kW	1,696 hp
Bore	170 mm	6.7 in
Stroke	215 mm	8.5 in
Displacement	78.1 L	4,766 in <sup>3</sup>
Peak Torque @ 1,200 rpm – SAE J1995	11 591 N-m	8,549 lbf-ft
Torque Rise	39%	
<ul style="list-style-type: none"> <li>• The power ratings apply when tested under the reference conditions for the specified standard.</li> <li>• The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and muffler.</li> <li>• The gross power advertised is with the fan at maximum speed.</li> </ul>		

Operating Specifications		
Operating Weight – Standard	245 192 kg	540,555 lb
Operating Weight – High Lift	246 962 kg	544,457 lb
Rated Payload – Standard		
Moderate to High Digging Resistance	45.3 tonnes	50 tons
Low to Moderate Digging Resistance*	54.4 tonnes	60 tons
Rated Payload – High Lift		
Moderate to High Digging Resistance	45.3 tonnes	50 tons
Low to Moderate Digging Resistance*	49.9 tonnes	55 tons
Bucket Capacity Range	17.2-43.6 m <sup>3</sup>	22.3-57 yd <sup>3</sup>
*Please contact your local dealer to determine if your application is suitable for this increased rated payload.		

Transmission		
Transmission Type	Cat Planetary Power Shift	
Forward 1	7.4 km/h	4.6 mph
Forward 2	12.9 km/h	8.0 mph
Forward 3	21.9 km/h	13.6 mph
Reverse 1	8.1 km/h	5.0 mph
Reverse 2	14.1 km/h	8.8 mph
Reverse 3	24.0 km/h	14.9 mph
Direct Drive – Forward 1	Lock-up disables	
Direct Drive – Forward 2	14.0 km/h	8.7 mph
Direct Drive – Forward 3	24.5 km/h	15.2 mph
Direct Drive – Reverse 1	Lock-up disables	
Direct Drive – Reverse 2	15.5 km/h	9.6 mph
Direct Drive – Reverse 3	27.0 km/h	16.8 mph
• Travel speeds based on 58/85-57 tires.		

Hydraulic System – Lift/Tilt		
Lift/Tilt System – Circuit	Positive Flow Control	
Lift/Tilt System – Pumps	Variable Displacement Piston	
Maximum Flow at 1,700 rpm Engine Speed	2047 L/min	541 gal/min
Relief Valve Setting – Lift/Tilt Cylinders, Double Acting	34 500 kPa	5,004 psi
Lift, Bore and Stroke	370 × 1713 mm	14.6 × 67.4 in
Tilt, Bore and Stroke	310 × 1086 mm	12.2 × 42.8 in
Pilot System	Open Loop and Pressure Reducing	

Hydraulic Cycle Time	
Rack Back	4.9 seconds
Raise	12.6 seconds
Dump	3.1 seconds
Lower Float Down	4.2 seconds
Total Hydraulic Cycle Time (empty bucket)	23.5 seconds

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