



Large Wheel Loaders

995

KEY SPECS

Engine Model

Cat® 3516E

Operating Weight - Standard

246651 kg

Bucket Capacity Range

17.2-43.6 m3 (22.3-57 yd3)

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Overview

Same Size, More Payload

Built to the same size as the 994K but offering a higher rated payload, the new Cat® 995 Wheel Loader gives you greater productivity and performance while using less fuel. It offers a one-pass reduction when loading Cat 785, 789 and 793 Mining Trucks — increasing production and efficiency up to 33% when loading the 785, up to 25% when loading the 789, and up to 20% with the 793. The 995 demonstrates 21% higher efficiency and 24% more production than the 994K in equal operating mode thanks to a higher rated payload and 6% increase in hydraulic force. In Enhanced Eco Mode, the 995 demonstrates up to a 30% increase in efficiency and an 11% reduction in hourly fuel consumption versus the 994K in throttle lock mode, which translates to 23% less CO₂ per unit of material moved. It also offers a more comfortable operator environment and is infused with new technology features that allow additional gains in efficiency.

Benefits

Up to 24% More Productive

With higher rated payload, 6% increase in hydraulic force and equal hydraulic cycle time vs. 994K

Up to 21% More Efficient

17% less CO₂ per unit of material moved versus 994K in equal operating mode (throttle lock)

Confident & Empowered Operators

Thanks to options like Tire Slip Prevention, Lift Stall Prevention, Tire Set, Operator Coaching and more

FEATURES AT A GLANCE

SAFETY

- Designed for visibility, with a taller windshield that provides a 25% increase in glass surface area for a better view to the bucket, standard rear-view camera, optional Detect 270-degree cameras, standard LED lighting and six-mirror system.
- Improved access and egress, with integrated powered access system that can be raised and lowered from cab or ground, 45-degree-angle wide stairs, emergency egress ladder, and full handrails on each side.

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CONFIDENT & EMPOWERED OPERATORS

- 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.

PRODUCTIVITY

- Increased rated payload and 6% increase in hydraulic force compared to 994K.
- Impeller Clutch Torque Converter (ICTC) and Rimpull Control System (RCS), which reduce the potential for wheel slippage without reducing hydraulic efficiency.
- Superior loading with Cat Performance Series Buckets, which are engineered to dig into piles quickly and load efficiently with fill factors up to 115%.
- 3516E engine, which delivers optimum performance through the use of a 16-cylinder, four-stroke design, plus turbochargers and aftercoolers that deliver on-demand performance.
- Excellent stability thanks to optimized weight distribution, helping operators be more confident and productive.

EFFICIENCY-BOOSTING FEATURES

- 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.

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- 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.

BUCKETS AND GET

- Approved for higher payloads in low to moderate digging resistance applications; increased payload intended for rehandled material in the ROM pad area or stockpile material, such as coal.
- Variety of bucket options, including rock buckets for loading limestone or other unprocessed rock; heavy-duty rock buckets for applications like face loading tightly compacted pit materials or handling materials of moderate abrasion and high impact; coal buckets for light density non-abrasive materials; and iron ore buckets for extremely aggressive applications.
- Performance Series Buckets feature extended floor, dual radius and angled side bars for fast loading; larger bottom box section for increased strength, high fill factors and good material retention; and taller side plate with a level top surface improves operator visibility to the bucket from the cab.
- Cat Ground Engaging Tools (GET) that feature CapSure™ Retention Technology, which simplifies component replacement with hammerless retention for fast, easy and safe installation.

DURABILITY

- Highly durable structures, with full box-section rear frame that resists torsional shock and twisting forces to maximize life of mounted components.
- Frames that utilize castings in key areas to maximize frame durability and optimize efficiency.
- Rear axle mounting to frame that is optimized to better disperse loads for increased structural integrity.
- Loads efficiently transmitted by the field-proven solid steel lift arms, with enhanced strength in key pin areas through the use of one-piece castings.
- Frame, powertrain, engine and components that 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.

TECHNOLOGY

• Cat MineStar™ Terrain for loading, which provides real-time feedback on payloads and design plan

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to machine location, service meter hours and reporting status.

SUSTAINABILITY

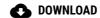
- Designed to be more efficient and use less fuel, which reduces engine emissions and carbon footprint; Tier 4 Final engine reduces NOx and particulate matter.
- Engine Idle Shutdown, which saves fuel by making it possible to avoid unnecessary idling.
- Better control of fluids through use of Cat anti-drain filter housings and component ecology drains.
- Retrofits and upgrades for older machines to incorporate efficiency improvements and emission reductions, and to keep them in production longer to conserve energy and minimize the need for raw materials
- Cat Rebuild and Cat Reman programs, which preserve raw materials, conserve energy and reduce emissions.

SPECIFICATIONS

STANDARD EQUIPMENT

PRODUCT SPECIFICATIONS FOR 995

OPTIONAL EQUIPMENT





Collapse All

ENGINE ^

Engine Model Cat® 3516E

Emissions U.S. EPA Tier 4 Final/EU Stage V or U.S. EPA Tier

1 equivalent

Engine Power - ISO 14396 1377 kW

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Peak Torque - 1,200 rpm - SAE J1995

Torque Rise

39%

Note (1)

The power ratings apply when tested under the reference conditions for the specified standard.

Note (2)

The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and muffler.

Note (3)

The gross power advertised is with the fan at maximum speed.

OPERATING SPECIFICATIONS

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Operating Weight - Standard 246651 kg

Bucket Capacity Range 17.2-43.6 m3 (22.3-57 yd3)

Operating Weight - High Lift 248421 kg

Rated Payload - Standard Lift (Low to Moderate

Digging Resistance)

54.4 t

Rated Payload - Standard Lift (Moderate to High

Digging Resistance)

45.3 t

Rated Payload - High Lift (Low to Moderate

Digging Resistance)

49.9 t

Rated Payload - High Lift (Moderate to High

Digging Resistance)

45.3 t

Note *Please contact your local dealer to determine

if your application is suitable for this increased

rated payload.

Cat Truck Match - Standard 785/789

Cat Truck Match - High Lift 789/793/794

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Reverse - 1 8.1 km/h

Reverse - 2 14.1 km/h

Reverse - 3 24 km/h

Direct Drive - Forward 1 Lock-up disables

Direct Drive - Forward 2 14 km/h

Direct Drive - Forward 3 24.5 km/h

Direct Drive - Reverse 1 Lock-up disables

Direct Drive - Reverse 2 15.5 km/h

Direct Drive - Reverse 3 27 km/h

Note Travel speeds based on 58/85-57 tires.

HYDRAULIC SYSTEM - LIFT/TILT

Lift/Tilt System - Circuit Positive Flow Control

Lift/Tilt System - Pump Variable Displacement Piston

Maximum Flow at 1,700 rpm Engine Speed 2047 I/min

Relief Valve Setting - Lift/Tilt 34500 kPa

Cylinders, Double Acting - Lift, Bore and Stroke $370 \times 1713 \text{ mm} (14.6 \times 67.4 \text{ in})$

Cylinders, Double Acting - Tilt, Bore and Stroke 310 × 1086 mm (12.2 × 42.8 in)

Pilot System Open Loop and Pressure Reducing

HYDRAULIC CYCLE TIMES

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45 PM 995 L	arge wheel Loader Cat Caterpillar		
Fuel Tank - Standard	3240		
Fuel Tank - With 24 hr Attachment Cooling System Engine Crankcase Transmission Differential - Final Drives - Front Differential - Final Drives - Rear Hydraulic Tank - Implement and Hydraulic Fan Hydraulic Tank - Steering and Braking Oil Renewal System (ORS)*	5350 I 520 I 288 I 416 I 833 I 757 I 1022 I 379 I 75.7 I		
		Note	*Not available on Tier 4 Final/Stage V machines. Not available in all regions.
		AXLES	
			^
		Front	Fixed
		Front Rear	
			Fixed
		Rear	Fixed Trunnion
		Rear Oscillation Angle	Fixed Trunnion

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SOUND PERFORMANCE - STANDARD

Operator Sound Level (ISO 6396:2008) - Tier

1/EU Stage I Equivalent

74 dB(A)

Machine Sound Level (ISO 6395:2008)

119 dB(A)

Note

The declared sound levels listed above include the addition of both measurement uncertainty and uncertainty due to production variation. Typical measurement uncertainty for this type of machine is 2 dBA in accordance with "ISO 4871". The measurement was conducted at 70 percent of the maximum engine cooling fan speed. Hearing protection may be needed when the machine is operated with a cab that is not properly maintained or when the doors or windows are open for extended periods or in a noisy environment.

SOUND PERFORMANCE - SUPPRESSION

Operator Sound Level (ISO 6396:2008) - Tier

1/EU Stage I Equivalent

73 dB(A)

Machine Sound Level (ISO 6395:2008)

117 dB(A)

Note

The declared sound levels listed above include the addition of both measurement uncertainty and uncertainty due to production variation. Typical measurement uncertainty for this type of machine is 2 dBA in accordance with "ISO 4871". The measurement was conducted at 70 percent of the maximum engine cooling fan speed. Hearing protection may be needed when the machine is operated with a cab that is not properly maintained or when the doors or windows are open for extended periods or in a noisy environment.

HYDRAULIC SYSTEM - STEERING

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DIMENSIONS - STANDARD LIFT - APPROXIMATE DIMENSIONS - HIGH LIFT - APPROXIMATE

COMPATIBLE TECHNOLOGY AND SERVICES

Leverage Caterpillar connected data and security principles to improve efficiencies, increase productivity and make your business more profitable.

FLEET

• Cat® MineStar Fleet is the single best source for fleet management information. An integrated fleet monitoring and management system, it can be used with any machine or system to measure, mana...

HEALTH

• Through regular monitoring of machine conditions, mines can adopt a more proactive approach to maintenance and repair. Equipment health data is a key contributor to that approach. Data helps m...

TERRAIN

• Mine site output depends on efficient loading and hauling. Cat® MineStar™ Terrain for loading makes those operations more productive while providing accurate feedback to key personnel. Terrain...

MEDIA GALLERY

PHOTOS VIDEOS 360 VIEW INFOGRAPHICS

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995 Large Wheel Loader



SEE HOW 995 COMPARES AGAINST FREQUENTLY COMPARED PRODUCTS.

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Operating Weight - Standard 246651 kg Bucket Capacity Range 17.2-43.6 m3 (22.3-57 yd3)

Wheel Loaders

993



Engine Model Cat C32B

Operating Weight - Tier 4 Final* 133668 kg

Bucket Range

12.2-23.7 m3 (16.0-31 yd3)

View Details

Wheel Loaders

992



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View Details

Use the comparison tool to compare detailed specs of Cat and competitor models.

Compare All Models

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