

Next generation Cat[®] 440 and 450 Backhoe Loaders feature new engines, improved performance and increased versatility

- New Cat[®] C3.6 engine offers power increase for the Cat 440
- Updated displays provide latest user interface and increased functionality
- Greater precision and customization with advanced loader and hoe modulation response settings

IRVING, Texas, October 7, 2025—The next generation Cat[®] 440 and 450 Backhoe Loaders feature improved machine performance, an advanced hydraulic system and increased versatility compared to previous models. Offering more operator choice and advanced machine control, these new models also feature the efficient Cat C3.6 engine and the latest Product Link[™] technology.

"This design transition to the new 440 and 450 backhoe loaders aligns with the next generation 416 through 430 series models in both engine platform and electronic architecture. Having similar platforms throughout the range provides more component commonality and enhanced operating similarity benefits for customers," says David Young, senior product consultant with Caterpillar. "We've also integrated Cat Soft Key and Touchscreen display options, as well as a new pod-mounted joystick option, giving operators more choice over machine control. On the 450, we updated the design of the 4-lever hoe control option. Prior to this update, it was a mechanical linkage design and now has four electronic levers. This new electronic setup also has the ability to set response and modulation rates for the boom, stick, bucket and swing functions."

Improved performance

A solid performer, the Cat C3.6 engine meets U.S. EPA Tier 4 Final and EU Stage V emissions standards with selective catalytic reduction (SCR) technology and a diesel oxidation catalyst (DOC). Compared to the previous 440 design, the gross power rating increases by more than 9% to 130 hp (97 kW), while the 450 maintains its robust 145 hp (108 kW) gross power rating.

The updated models feature a load-sensing piston pump that delivers full hydraulic lifting and digging forces at any engine speed. The variable flow pump automatically adjusts hydraulic power to meet work demands, enhancing operating efficiency. Caterpillar's advanced hydraulic system allows operators to adjust the loader and backhoe auxiliary flow to match attachment specifications, program the loader bucket kickout and return-to-dig functions and enable parallel lift.

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Advanced control

Continuing the legacy of advanced operator comfort and ergonomics on previous designs, the new 440 and 450 will still offer adjustable seat-mounted joystick controls. The controls swivel with the operator to perform loader and backhoe functions and enable Dual Mode operation, which offers efficient machine repositioning and allows the operator to sit at an angle while controlling the machine to improve visibility.

A new option for the 440 and 450 is a traditional pod-mounted joystick option that positions the advanced electronic joysticks on rear pod control towers to give operators a familiar interface. It also includes a dedicated electronic joystick for loader control that integrates a forward/neutral/reverse (FNR) rocker switch. Along with the standard FNR lever positioned on the steering column, this option gives operators more flexibility in control preferences.

Standard for all new backhoe loader canopy configurations, a new soft key display aligns with the interface used on Cat 416 – 430 models to provide a familiar and reliable interface for operators. For all cab configurations, the 440 and 450 models feature an upgraded Cat touchscreen display, enhanced with the latest intuitive interface to enable machine control customization and allow operators to achieve greater precision. The touchscreen now includes a speedometer on the home display to provide operators with real-time ground speed information.

Loader modulation and response settings on the touchscreen enable the operator to independently adjust modulation for the lift and tilt cylinders, matching machine behavior to specific tasks like material handling with forks or other Cat attachments. For the machine's excavator, hoe modulation and response control allow operators to independently adjust settings for each hydraulic function – swing, boom, stick and bucket – to tailor machine performance to specific preferences and job requirements. A new material handling mode delivers precise, efficient operation by reducing hoe modulation and response speed and synchronizing all hydraulic functions.

Also new for cab configurations, a convenient QR code is integrated directly into the touchscreen display, so operators can quickly access Cat Operator Training on their mobile device. Operator Training's comprehensive library of instructional videos and guides covers key operating techniques, maintenance best practices and advanced machine features to empower operators to maximize machine performance and longevity. In-Vehicle Health Monitoring (IVHM) provides operators with insight into upcoming service intervals and allows them to view specific maintenance tasks and access additional information.

Unmatched versatility

With the new 440 and 450 models offering adjustable auxiliary hydraulic flow, the available Integrated Tool Carrier (IT Coupler) for the loader increases machine utilization and versatility. Available from the factory or as a field-installed kit, the IT Coupler provides a quick connection to a variety of Cat attachments for fast tool changes. Beyond the IT Coupler, customers can opt for a variety of mechanical and hydraulic Cat hoe couplers, including Dual Lock Pin Grabber Couplers and Pin Lock Couplers.

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Offering remote data monitoring through VisionLink®, the upgraded standard Cat Product Link™ features an integrated network manager for enhanced connectivity and fleet management. Customers can customize machine operating data gathered like fuel usage, scheduled service reminders and fault code alerts, to meet specific needs for improved fleet management.

The new Cat 440 and 450 models will be available for North American customers beginning in the fourth quarter of 2025.

A Century of Innovations

Caterpillar introduced the first Cat backhoe loader in 1985 with the release of the 416. The model gained recognition for its durability, power, and versatility, combining a front loader and rear excavator into one highly productive machine. Over the years, the lineup has expanded to nine models and continuous improvements such as advanced hydraulics, increased operator comfort and integrated technology features.

More information on the new Cat 440 and 450 Backhoe Loaders can be found by contacting a Cat dealer or visiting cat.com.

440, 450 BACKHOE LOADER SPECIFICATIONS

| Model | 440 | 450 |
|--------------------------------------------|-----------------|-----------------|
| Engine | Cat C3.6 | Cat C3.6 |
| Gross power* - SAE J1349:2011, kW (hp) | 127 (95) | 145 (108) |
| Loader lift capacity, max. height, lb (kg) | 8,782 (3983) | 8,886 (4031) |
| Max. hinge pin height, ft/in (mm) | 11' 11" (3628) | 12' 0" (3649) |
| Max. dig depth, std. stick, ft/in (mm) | 15' 6" (4718) | 17' 0" (5185) |
| Bucket dig force, std. stick, lbf (N) | 16,890 (75 129) | 17,784 (79 108) |

*Gross power at 2200 rpm per SAE J1995:2011.

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NOTE TO EDITORS

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