

## CASE Beefs up D Series with new CX490D and CX500D Excavators

*Two new larger excavators replace previous 47-metric ton model and drive operator productivity through faster cycle times, powerful hydraulics and greater fuel efficiency. CASE ProCare and greater feature standardization provide optimal value/lower operating costs.*

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[CASE Construction Equipment](#) has introduced two new crawler [excavators](#) to its D Series lineup: the CX490D and CX500D. These new models are designed for heavy excavation work and replace the company's previous 47-metric ton excavator the CX470C. Each model is built to provide significant operational gains, including cycle times up to 10 percent faster, improved responsiveness and multifunctional controls, and greater fuel efficiency. An electronically controlled hydraulic pump and larger control and solenoid valves boost breakout forces, increase lifting strength and improve responsiveness.

D Series models offer more standard features than previous CASE excavators, simplifying the buying process and making them extremely versatile and operator friendly. All CASE D Series excavators provide peace of mind and lower total cost of ownership through [CASE ProCare™](#).

### Basic Operating Specs:

- **CX490D:** (362 horsepower; 109,300 pounds; bucket digging force: 55,500 – 60,700 foot pounds)
- **CX500D:** (362 horsepower; 111,800 pounds; bucket digging force: 64,500 – 70,400 foot pounds)

The CX500D—the largest Tier 4 Final excavator in the D Series—is a dedicated model for mass excavation that provides outstanding breakout forces and performance. With a special heavy-duty attachment coupler, larger bucket cylinders and optimized kinematics, the CX500D works with larger buckets than the CX490D, providing industry leading speed, productivity and efficiency.

Both models are available with an optional hydraulic counterweight removal device for improved on-site safety and efficiency during transportation.

### Maintenance-free Tier 4 Solution

The CASE CX490D and CX500D excavators meet Tier 4 Final emissions standards through an innovative combination of selective catalytic reduction (SCR) and diesel oxidation catalyst (DOC) technologies, which helps maximize uptime and performance – all with minimal maintenance. There is no diesel particulate filter (DPF), no DPF regeneration or associated lifetime service costs. These technologies, combined with the CASE Intelligent Hydraulic System, make the D Series the most powerful and efficient CASE excavators ever introduced.

### Intelligent Speed, Power and Efficiency

Faster cycle times are achieved through a new electronically controlled pump, a larger control valve and multiple sensors. These features combine with the CASE Intelligent Hydraulic System and its four integrated control systems to make the best use of the machine's hydraulic power and momentum,

resulting in added strength and fuel efficiency.

The four systems that make up the CASE Intelligent Hydraulic System are: Boom Economy Control (BEC), which reduces RPMs by using gravity during boom down and swing; Auto Economy Control (AEC), which lowers RPMs during idle and automatically shuts down the engine after a preset idle time; Swing Relief Control (SWC), which reduces hydraulic power at the swing start; and Spool Stroke Control (SSC), which adjusts hydraulic pressure during digs.

Using improvements to the Spool Stroke Control system, the CX490D and CX500D excavators re-use hydraulic fluid whenever possible to automatically increase cycle times and efficiency. The operator experiences a more productive machine without losing the precision of the machine's controls.

The CX490D and CX500D excavators also provide the operator with three working modes – Speed Priority, Heavy and Automatic – that help the machine conserve energy and exert only as much power as needed to complete the job at hand.

#### **More Robust Design**

The arm and boom of each new excavator have been built stronger for greater durability and to support the added power of the machine. The undercarriage is built with thicker steel and a new single-slope design that reduces dirt accumulation and simplifies the cleaning process.

#### **Greater Feature Standardization**

CASE D Series excavators now offer more standard features than any previous CASE excavator. This includes Free Swing for improved craning, laying or lifting of offset loads; oil sample ports for quick sampling of engine and hydraulic oils; and an easy pattern selector for the operator's preference of ISO or SAE controls. Each D Series excavator features a fully adjustable operator station anchored by a standard heated air-ride seat and joystick controls that allow for smooth performance.

These excavators also feature best-in-class cab space, excellent visibility, and a pressurized and iso-mounted cab that keeps noise and vibration down. A standard Bluetooth radio gives operators hands-free functionality that further improves the operator experience. A standard rearview camera feeds a 7-inch widescreen monitor that also provides operators with real-time access to important performance parameters, including fuel consumption, operating hours and machine information.

#### **Light it Up**

Each machine is available with a new (optional) LED working light package that provides illumination similar to sunlight – and more than three-times brighter than halogen – allowing contractors to work around the clock. The LED package includes six LED lights (two front, two rear and one on each side) and a side-view camera.

#### **CASE ProCare**

All CASE D Series excavators are covered under CASE ProCare – a suite of product assurances that includes a three-year Advanced CASE SiteWatch™ telematics subscription, a three-year/3,000-hour full-machine factory warranty, and a three-year/3,000-hour planned maintenance contract. ProCare allows



business owners to invest in new equipment while helping to make owning and operating costs predictable for the first three years of lease or ownership.

For more information on the CX490D and CX500D as well as the entire lineup of CASE D Series excavators, visit [CaseCE.com/DSeries](http://CaseCE.com/DSeries).

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CASE Construction Equipment sells and supports a full line of construction equipment around the world, including the No. 1 backhoe loaders, excavators, motor graders, wheel loaders, vibratory compaction rollers, crawler dozers, skid steers, compact track loaders and rough-terrain forklifts. Through CASE dealers, customers have access to a true professional partner with world-class equipment and aftermarket support, industry-leading warranties and flexible financing. More information is available at [www.CaseCE.com](http://www.CaseCE.com).

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