

## CASE Long Reach Excavators Add Increased Digging Capabilities to D Series Lineup

*Two D Series excavators – the CX210D LR and CX250D LR – offer increased dig radius and depth with Long Reach (LR) models.*

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[CASE Construction Equipment's CX210D LR](#) and [CX250D LR](#) crawler [excavators](#) provide increased operating performance for deep trenching, sloping, demolition, dredging, digging in sand or gravel pits or any application that requires long-distance bucket reach and precision. Each Long Reach (LR) model features an elongated boom and arm for increased digging capabilities in deep or long-distance digging applications, while providing the same improved responsiveness and multifunction controls of the D Series.

Each model also offers 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:

- **CX210D LR:** (160 horsepower; 51,900 pounds; Max dig radius: 51 feet 2 inches; Max dig depth: 39 feet 4 inches; bucket digging force: 14,600 foot pounds)
- **CX250D LR:** (177 horsepower; 63,523 pounds; Max dig radius: 60 feet 1 inch; Max dig depth: 47 feet 9 inches; bucket digging force: 17,310 foot pounds)

The CX210D LR and CX250D LR both employ an SCR Tier 4 Final solution that provides greater fuel efficiency (CX210D LR – up to 9 percent savings, CX250D LR – up to 14 percent) without sacrificing power. SCR lets the engine run at peak performance throughout the work cycle and, because it works without a diesel particulate filter (DPF), there's no DPF regeneration or associated lifetime service costs. This helps maximize uptime and performance – all with minimal maintenance.

### 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 CX210D LR and CX250D LR 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 CX210D LR and CX250D LR 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 D Series 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 eases cleaning.

#### **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 CX210D LR and CX250D LR 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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