

CASE Expands D Series with CX245D SR Minimum-Swing Excavator

New CX245D SR excavator replaces current 23.5-metric ton model, offers greater fuel efficiency, precision maneuverability and increased bucket digging force and lift capacity. CASE ProCare and greater feature standardization provide optimal value/lower operating costs.

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[CASE Construction Equipment](#) has introduced the all-new CX245D SR minimum-swing radius excavator to its D Series lineup. Designed to provide increased digging and lifting power in confined work areas, the CX245D SR features a compact counterweight and modified boom placement that minimizes the machine's footprint, resulting in a highly productive and maneuverable excavator that's ideal for restricted conditions, such as road and bridge work, residential projects and urban construction.

With an operating weight of 60,400 pounds and a 160 HP Tier 4 Final engine, the CX245D SR offers increased bucket digging forces (up to 34,600 pounds) and lift capacity (up to 22,950 pounds) compared to the previous model.

Each D Series model is built to provide significant operational gains, including decreased cycle times, improved responsiveness and multifunctional controls, and greater fuel efficiency. An electronically controlled hydraulic pump and larger control and solenoid valves increase lifting capacities 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™](#).

Maintenance-free Tier 4 Solution

The CASE CX245D SR excavator meets 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 CX245D SR the most powerful and efficient minimum swing radius excavator CASE has 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 CX245D SR excavator re-uses 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.

Greater Feature Standardization

CASE D Series excavators now offer more standard features than any previous CASE crawler 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 machine features a fully adjustable operator station anchored by a standard heated air-ride seat and joystick controls that allow for smooth performance.

The CX245D SR also features 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 CX245D SR as well as the entire lineup of CASE D Series excavators, visit CaseCE.com.

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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.



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