

CASE Expands D Series with CX145D SR Minimum-Swing Excavator

New 32,100-pound minimum-swing excavator offers reduced footprint, precision maneuverability and powerful bucket digging force and lift capacity for road and bridge work, utility, landscaping and general construction applications.

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[CASE Construction Equipment](#) introduces the all-new CX145D SR minimum-swing radius excavator to its D Series lineup. Designed to provide ample digging and lifting power in a small footprint, the CX145D SR features a compact counterweight and modified boom placement. This results in a highly maneuverable and powerful excavator that is easy to transport and ideal for restricted jobsite conditions, such as road and bridge work, utilities, urban construction and landscaping applications.

With an operating weight of 32,100 pounds and a 102 HP Tier 4 Final engine, the CX145D SR offers bucket digging forces up to 21,400 foot-pounds and lift capacities up to 21,350 pounds. Options include a dozer blade configuration as well as the choice between either steel or rubber tracks depending on operating conditions and jobsite requirements.

Each D Series model is built to provide significant operational gains, including faster cycle times, improved responsiveness 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 CX145D SR excavator meets Tier 4 Final emissions standards through an innovative combination of selective catalytic reduction (SCR), cooled gas exhaust recirculation (CEGR) 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.

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 enhance 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. It actively manages hydraulic power throughout

lift/dump and dig/curl movements to maximize speed and efficiency while reducing fuel consumption by minimizing unnecessary hydraulic flow. The operator experiences a more productive machine without losing the precision of the machine's controls.

An Auto Power Boost feature provides increased breakout forces in tough applications, and overall operation is simplified with three Power Modes to maximize machine performance and fuel economy:

- Automatic (A): The best balance between productivity and fuel efficiency
- Heavy Duty (HD): High workload mode
- Speed Priority (SP): Extra speed and power for the most demanding jobs that require maximum productivity

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.

The CX145D SR features an industry-leading operator environment, with a more spacious cab, excellent visibility, a standard fully-adjustable heated air-ride seat, ergonomic multifunctional controls, and a pressurized, viscous-mounted cab that reduces noise and vibration. A standard Bluetooth radio gives operators hands-free functionality that further improves the operator experience. Standard rear-view and side-view cameras feed 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. The optional CASE Max View Monitor provides 270-degree visibility, improving jobsite safety and providing the operator full visibility of the machine's surroundings.

New Lighting Package

Each D Series machine is available with a new (optional) LED working light package that provides illumination 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).

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 CX145D 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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For more information contact:

Bill Elverman
Tel: 262.757.5803
Email: bill@pkamar.com

Brandon Jaynes
Tel: 219.263.8981
Email: brandon@pkamar.com



PRESS RELEASE

CASE Construction Equipment
621 State St., Racine, Wis. 53402
Ph. 262-636-6011
Fax 262-636-0876