

CASE
CONSTRUCTION

CX250D | CX300D | CX350D
CRAWLER EXCAVATORS



CX250D | CX300D | CX350D Excavators

CUSTOMERS ASKED. CASE DELIVERED.

Introducing the new D Series excavators, built inside and out to provide what you wanted – more power, more durability, more comfort and more control. Powered by a Tier 4 Final engine using SCR (Selective Catalytic Reduction) technology, the D Series provides up to 8% better fuel efficiency. A rugged new arm design and the

new electronically controlled hydraulic pump help increase cycle times by as much as 12% and deliver up to 6% greater breakout force. Even the undercarriage is tougher, and the redesigned cab offers adjustable comfort like never before. All of it together helps you get more done every hour of every day. It's the answers you asked for.



NOTE: Improvements and percentages are in reference to CASE C Series excavators

D Series Highlights

1 CASE Intelligent Hydraulic System (CIHS) actively manages hydraulic power throughout lift/dump and dig/curl movements to **maximize speed and efficiency** while reducing fuel consumption by minimizing unnecessary flow.

2 **Standard rearview camera** is always displayed on the in-cab monitor to provide increased awareness behind the machine.

3 **Three power modes** (Speed Priority, Heavy and Automatic) provide the ideal mix of power and fuel efficiency to match application needs.



4 **7" widescreen monitor** provides a constant rear camera view and also displays valuable performance data such as fuel consumption rates, maintenance information and machine diagnostics.



5 **Best-in-class cab space** provides ample legroom, a climate control system that responds to sunlight, Bluetooth radio, and a fully adjustable operator's station with heated, air-ride seat.

6 A pressurized cab and iso-mount® cushioning system reduce cab noise and vibration to deliver **one of the quietest operating environments** in its class.

7 Arm and boom have a more robust design that offers **greater durability**.

8 Wide range of buckets and attachments available to meet your work requirements. **Hydraulic quick coupler** option (not shown) allows operator to fasten and lock attachments from the convenience and comfort of the cab.

9 **Stronger undercarriage** has thicker components and new single-slope design that reduces dirt accumulation and eases cleaning.

10 **New LED working lights package** provides three times the brightness of halogen lights (similar to sunlight) while consuming less energy. Package also includes side-view camera.

Faster Cycle Times.

In addition to the already impressive controllability of our CASE Intelligent Hydraulic System, D Series excavators have a new electronically controlled hydraulic pump, a larger control valve and a new solenoid valve. These upgrades help boost breakout, increase lifting strength and improve responsiveness, which enable the machine to work faster throughout the work cycle. In fact, cycle times are up to 12% faster than our C Series excavators. That means you'll dig, swing and dump quicker than ever before.



Maintenance-Free Tier 4 Final Solution.

D Series excavators use an SCR Tier 4 Final solution that's cleaner-burning and provides up to 8% increased fuel efficiency without sacrificing power. As an after-treatment system, SCR lets the engine run at peak performance to provide full throttle response throughout the work cycle. And best yet, SCR is simple. No DPF* regeneration. No new maintenance. No downtime. Just pour and go.

*Diesel Particulate Filter

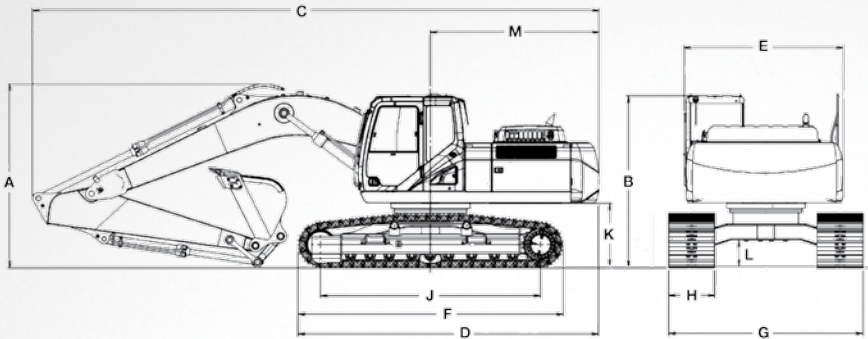


High Performance Comes Standard.

Many popular features that were optional on previous generations are now standard on the D Series, including:

- **Control pattern selector** lets you easily switch between ISO and SAE patterns.
- **Free-swing feature** greatly improves control when craning, pipe laying or lifting offset loads.
- **Oil sample ports** allows for quick visual checks of engine oil and hydraulic oil.
- **Heated, air-ride seat** helps provide comfort year-round.
- **Additional handrails** make the machine easier to get around.
- **Bluetooth radio** allows for hands-free phone use.

CX250D | CX300D | CX350D



Line drawings are for illustrative purpose only and may not be exact representation of unit.

CX350D	Standard Arm	Heavy-duty Arm	Long Arm
	10 ft 8 in (3.25 m)	8 ft 8 in (2.63 m)	13 ft 3 in (4.04 m)
DIMENSIONS			
A. Overall Height – With Attachment	11 ft. 5 in. (3 470 mm)	11 ft. 11 in. (3 630 mm)	11 ft. 11 in. (3 620 mm)
B. Cab Height	10 ft. 5 in. (3 180 mm)	10 ft. 5 in. (3 180 mm)	10 ft. 5 in. (3 180 mm)
C. Overall Length – With Attachment	36 ft. 8 in. (11 170 mm)	36 ft. 10 in. (11 220 mm)	36 ft. 9 in. (11 190 mm)
D. Overall Length – Without Attachment	19 ft. 9 in. (6 010 mm)	19 ft. 9 in. (6 010 mm)	19 ft. 9 in. (6 010 mm)
E. Width Of Upper Structure – with Catwalks	11 ft. 9 in. (3 590 mm)	11 ft. 9 in. (3 590 mm)	11 ft. 9 in. (3 590 mm)
F. Track Overall Length	16 ft. 4 in. (4 980 mm)	16 ft. 4 in. (4 980 mm)	16 ft. 4 in. (4 980 mm)
G. Track Overall Width with 31.5 in. (800 mm) shoes	11 ft. 2 in. (3 400 mm)	11 ft. 2 in. (3 400 mm)	11 ft. 2 in. (3 400 mm)
H. Track Shoe Width	31.5 in. (800 mm)	31.5 in. (800 mm)	31.5 in. (800 mm)
J. Center To Center - Idler To Sprocket	13 ft. 3 in. (4 040 mm)	13 ft. 3 in. (4 040 mm)	13 ft. 3 in. (4 040 mm)
K. Uppers Structure Ground Clearance	4 ft. 0 in. (1 210 mm)	4 ft. 0 in. (1 210 mm)	4 ft. 0 in. (1 210 mm)
L. Minimum Ground Clearance	1 ft. 7 in. (470 mm)	1 ft. 7 in. (470 mm)	1 ft. 7 in. (470 mm)
M. Rear Tail Swing Radius	11 ft. 8 in. (3 550 mm)	11 ft. 8 in. (3 550 mm)	11 ft. 8 in. (3 550 mm)

With Std Arm, 21 ft 2 in (6.45 m) boom, 31.5 in (800 mm) track shoe, 2,579 lb (1 170 kg) bucket, 165 lb (75 kg) operator, full fuel tank and standard equipment.

SPECIFICATIONS*	CX250D	CX300D	CX350D
Engine	Isuzu AQ-4HK1X	Isuzu AQ-6HK1X	Isuzu AQ-6HK1X
Emissions Certification	Tier 4 Final	Tier 4 Final	Tier 4 Final
Net HP – hp (kW)	177 (132.1) @ 2000 RPM	207 (154) @ 1800 RPM	268 (200) @ 1800 RPM
Bucket Digging Force* – lb. (kN) – with Power Boost	36,419 – 39,566 (162 – 176)	39,342 – 42,781 (175 – 190.3)	51,639 – 56,157 (229.7 – 249.8)
Arm Digging Force – lb. (kN) – with Power Boost	26,977 – 29,225 (120 – 130)	28,865 – 31,383 (128.4 – 139.6)	36,981 – 40,196 (164.5 – 178.8)
Maximum Digging Depth – ft. in. (m)	22 ft. 8 in. (6.9 m)	23 ft. 4 in. (7.1 m)	24 ft. 1 in. (7.34 m)
Operating Weight – lb. (kg)	56,930 (25 823)	67,230 (30 495)	82,430 (37 390)
Swing Torque – lb-ft (kN-m)	55,243 (74.9)	68,151 (92.4)	82,607 (112.0)
Drawbar Pull – lb. (kN)	44,962 (200)	52,425 (233)	61,373 (273)

NOTE: *Digging force based on ISO6015 and Standard boom and arm



D Series excavators come standard with the industry's best all-in-one heavy machine support program that's as powerful as the equipment it protects – CASE ProCare. ProCare includes:

3K 3-year/3000-hr. Full-Machine Factory Warranty*

3-year/3000-hr. Planned Maintenance

3-year Advanced SiteWatch™ Subscription

*See your dealer for the complete terms of CNH's Warranty and Limitation of Liability, which contains certain limits and exclusions.

Maintenance Made Easy.

When you invest in CASE equipment, you need it to last. We make it easy. D Series excavators are no exception. From standard oil sample ports and grouped service points to tilt-out coolers and auto-locking side panels, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.



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SAFETY™ NEVER HURTS

Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

NOTE: All engines meet current EPA emissions regulations.
NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Contains 10% post-consumer fiber

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE construction equipment is biodiesel-friendly.