



# Excavators

D SERIES



CX130D  
CX160D

CX210D  
CX250D

CX300D  
CX350D

CX490D  
CX500D

**SINCE 1842**

**PRELIMINARY**



**CX130D**



**CX160D**



**CX210D**



**CX250D**



**CX300D**



**CX350D**



**CX490D**



**CX500D**

# *The Rules Have Changed*

Get more buckets per hour, more hours per tank, more done sooner than you ever dreamed possible without increasing labor or equipment expenses. Whether your business is pipeline construction, aggregate production or road building, the CASE D Series sets a new standard for performance and profitability.

- + Faster cycle times
- + CASE intelligent hydraulic system
- + Wider, extra spacious cab
- + Superior fuel economy

- + Outstanding visibility with standard rear view camera
- + No-hassle emissions control
- + Protected by ProCare



# THE D SERIES GETS THE JOB DONE

## **CASE INTELLIGENT HYDRAULIC SYSTEM (CIHS)**

Our exclusive CIHS easily delivers unmatched featherability and greater fuel economy by actively managing hydraulic power throughout lift/dump and dig/curl movements. Thanks to an electronically controlled pump, a larger main valve and multiple hydraulic sensors, the D Series delivers up to 6% greater breakout force.

## **INTEGRATED CONTROL SYSTEMS**

The D Series provides the perfect synergy between engine and hydraulic power. Advanced sensors continuously monitor the type of work being done and automatically respond with the right hydraulic pressure when and where it's needed.

- **Boom Economy Control (BEC)** reduces RPMs during down and swing.
- **Auto Economy Control (AEC)** lowers RPMs during idling.
- **Swing Relief Control (SWC)** efficiently regulates hydraulic swing power when coming out of a hole and moving toward a truck or pile.
- **Spool Stroke Control (SSC)** adjusts hydraulic pressure to optimal outputs and minimizes unneeded operational functions.

## **AUTO POWER BOOST**

Increases hydraulic pressures according to the demand needed for the operating cycle.

## **MORE ROBUST BOOM AND ARM**

From short arms for faster production cycles to long arms and long reach models that maximize the work envelope, the boom and arm on all D Series models have been strengthened internally and in gusset areas for increased reliability and stress relief.

## **FREE SWING**

Dramatically improves craning, laying, or lifting of offset loads.





### ***SUPERIOR VISIBILITY***

The D Series cab is designed to provide a safe and secure working environment with outstanding visibility. Use of standard rear view camera or the optional 270-degree Full View Monitor (FVM) for extra perspective while operating, something all operators appreciate when working long days.



***SUPERIOR CAB COMFORT COMES STANDARD***





**WIDER, EXTRA-SPACIOUS,  
PRESSURIZED, ISO-MOUNTED CAB**

The D Series cushioning system lowers noise and vibration levels for the operator's ultimate comfort, providing ample legroom along with a spacious storage compartment and warm and cool box.



**7-INCH LCD MONITOR**

An optically bonded, anti-glare 7-inch LCD multi-function monitor displays an abundant amount of machine operating data as well as setup and service related screens. Press a button and get up-to-date information on fuel level, temperature and pressure valves. Another button provides information on hours and fuel usage for up to two trips.



**STANDARD REAR VIEW AND OPTIONAL  
SIDE VIEW CAMERAS**

Always displayed on the in-cab monitor, the D Series rear view camera provides increased awareness behind the machine. Adding side view cameras enables a 360-degree view around the machine.



**AIR RIDE SEAT**

Operators who work up to a full day with few breaks need protection from shocks and vibrations in order to be more productive. With a wider cushion than a standard seat, wider armrests and adjustable height and backrest settings, there simply isn't a more comfortable seat to operate from in the industry.



**ERGONOMICALLY DESIGNED LAYOUT**

Each D Series excavator features a fully adjustable operator station and an ergonomic armrest with joystick controls and easy-to-reach function switches that allow for smooth operation and performance.



**BLUETOOTH ENABLED RADIO**

The D Series cab comes equipped with an AM/FM Bluetooth radio, auxiliary port and controls, remote auxiliary USB connection and phone charger.



**OPTIONAL LED WORKLIGHTS PACKAGE**

Provides three times the brightness of halogen bulbs and includes six total lights: two mounted on the front of the cab, two mounted in the rear, and one on each side of the cab.

## IMPROVE YOUR SPEED AND EFFICIENCY

### **FASTER CYCLE TIMES**

Improved by as much as 12%, the D Series provides optimized productivity while maintaining controllability for the operator. More trucks per hour. More done per day.

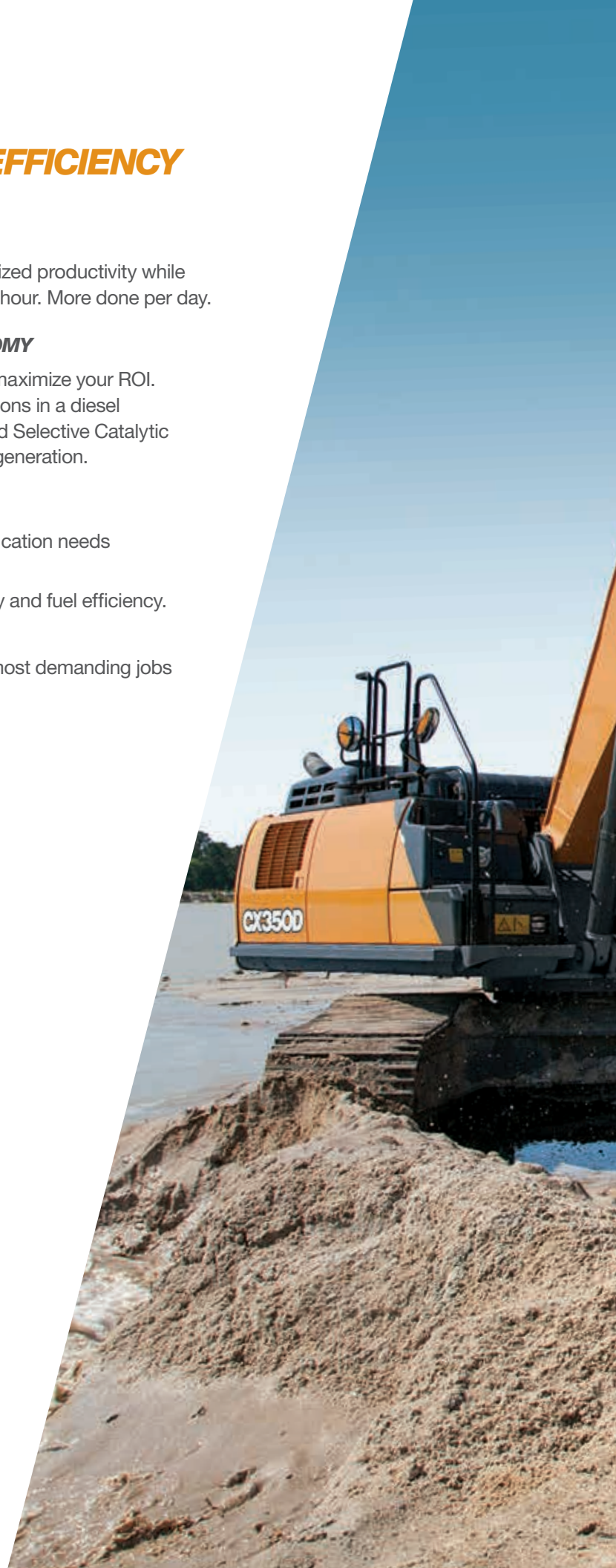
### **TIER 4 FINAL SCR PROVIDES SUPERIOR FUEL ECONOMY**

Saving up to 14% on fuel helps slash operating costs and maximize your ROI. CASE excavators don't wastefully use fuel to control emissions in a diesel particulate filter. By using a combination of CEGR, DOC and Selective Catalytic Reduction (SCR), the emissions mandate is met without regeneration.

### **3 POWER MODES**

The D Series offers 3 power modes to match different application needs and maximize fuel economy:

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





# MAINTENANCE MADE EASY

## SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. From ground-level site gauges to grouped service points, 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.

## NO TOOLS NECESSARY

CASE excavators continue our hallmark of simple serviceability with features like tool-free access to routine maintenance points.

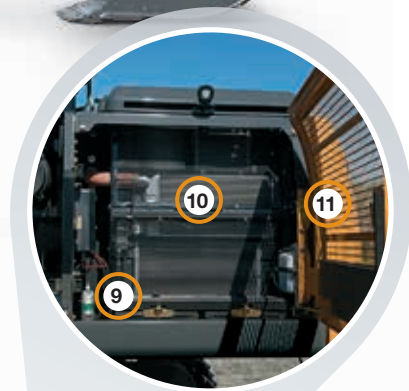
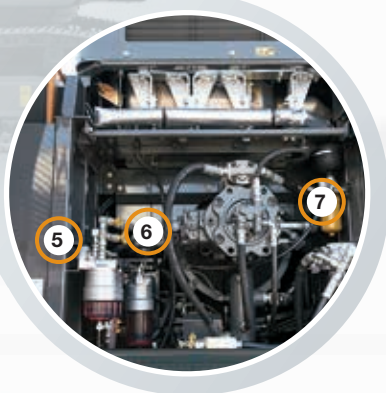
## CASE EASY MAINTENANCE SYSTEM (EMS)

CASE uses stratified bushings and plated pins on most pivot points, which holds grease longer, increases lubrication intervals and prevents rattling.



### Easy access to everything

- |                         |                        |                      |                               |
|-------------------------|------------------------|----------------------|-------------------------------|
| 1 DEF fluid             | 5 Fuel pre-filter      | 9 Battery            | 13 Grouped lubrication points |
| 2 Hydraulic fluid       | 6 Engine oil filter    | 10 Coolers           | 14 Green plug oil drain       |
| 3 Engine oil            | 7 Hydraulic oil filter | 11 Engine coolant    | 15 Fuse box                   |
| 4 Alternator belt drive | 8 Cab air filter       | 12 Engine air filter | 16 Lubricated EMS bushings    |



#### **IMPRESSIVE SERVICE INTERVALS**

- Engine oil: 500 hours / best in class
- Boom & arm linkage pin grease: 1,000 hours
- Hydraulic oil: 5,000 hours

## ATTACHED TO STRENGTH

### FULL LINE OF CASE ATTACHMENTS

CASE offers bucket and hammer options to fit any application:

- General Purpose (STDP)
- Heavy Duty (HDP)
- Severe Duty (XPD)
- Ditching (DTCH)
- Frost Tooth
- High Capacity
- Rock
- Thumb
- Hydraulic Breaker

### SMARTFIT™ BUCKET TEETH

CASE excavator buckets come standard with the innovative SmartFit bucket tooth system. These heavy-duty, self-sharpening teeth combine exceptional strength and unmatched ease of installation, thanks to a hammerless fastener system with reusable locking pins. Available in a full range of styles.



### INTEGRATED HYDRAULIC QUICK COUPLER

Avoid the elements and downtime by quickly switching attachments from the comfort of the cab, thanks to an integrated hydraulic quick-coupler.





*Protected by*  
**ProCare**

**FACTORY WARRANTY**  
**PLANNED MAINTENANCE**  
**TELEMATICS**

**3K**

3-yr./3000-hr.  
Full-Machine  
Factory Warranty\*  
**STANDARD**



3-yr./3000-hr.  
Planned  
Maintenance  
**STANDARD**

3-yr. Advanced  
SiteWatch™  
Subscription  
**STANDARD**



## SUPPORT COMES STANDARD

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

- **3-yr./3000-hr. Full-Machine Factory Warranty\***  
We've got your back — for up to three full years!
- **3-yr./3000-hr. Planned Maintenance**  
No charge for CASE parts and labor for up to three full years!
- **3-yr. Advanced SiteWatch™ Subscription**  
Telematics isn't a luxury; it's a necessity — and we've made it accessible to all.



### **STRONGER PRODUCT SUPPORT SOLUTIONS**

Your CASE dealer knows best how you can maximize your equipment investment and uptime—with genuine CASE parts, expert service and a complete range of product support solutions including CASE remanufactured and all-makes parts. CASE supports better parts availability and faster deliveries through nine parts distribution centers in North America and a forecasting system to ensure that the right parts will be there when you need them. And only CASE dealers have exclusive access to the Electronic Service Tool (EST) that quickly pinpoints machine issues. Just ask your dealer for details.



### **FLEXIBLE FINANCIAL OPTIONS**

Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading CASE equipment while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE, we offer strong products and services designed around your unique needs and are the only ones supported by the helpful service professionals at your CASE dealer.

## SPECIFICATIONS AND DIMENSIONS

SPECIFICATIONS	CX130D LC	CX160D STD LC	CX210D STD LC	CX250D STD
Engine	Isuzu AR-4JJ1X	Isuzu AR-4JJ1X	Isuzu AR 4HK1X	Isuzu AQ-4HK1X
Engine Cylinders	4	4	4	4
Displacement – in³ (L)	183 (3)	183 (3)	317 (5.2)	317 (5.2)
Net Horsepower – hp (kW)	102 (76.4)	112 (83.2)	160 (119.3)	177 (132.1)
Bucket Digging Force – lbf (kN)	21,400 (95)	26,500 (112)	34,600 (142)	39,566 (176)
Arm Digging Force – lbf (kN)	14,800 (66)	18,800 (84)	25,100 (112)	29,225 (130)
Operating Weight – lb (kg)	34,367 (15 589)	45,345 (20 550)	57,250 (25 990)	68,417 (31 034)
Drawbar Pull – lbf (kN)	26,100 (116)	36,100 (160)	43,200 (188)	44,962 (200)
Swing Speed – RPM	14.3	11.5	11.5	10.6
Travel Speed – mph (kph)	3.5 (5.6)	3.4 (5.4)	3.5 (5.6)	3.4 (5.5)
DIMENSIONS	CX130D LC	CX160D STD LC	CX210D STD LC	CX250D STD
Overall Height with Attachment	9 ft 3 in (2 830 mm)	9 ft 9 in (2 960 mm)	10 ft 8 in (3 310 mm)	10 ft 6 in (3 200 mm)
Cab Height	9 ft 3 in (2 830 mm)	9 ft 9 in (2 960 mm)	9 ft 11 in (3 020 mm)	10 ft 0 in (3 050 mm)
Overall Length with Attachment	25 ft 1 in (7 650 mm)	27 ft 9 in (8 460 mm)	31 ft 2 in (9 490 mm)	32 ft 5 in (9 880 mm)
Overall Length without Attachment	13 ft 2 in (4 030 mm)	14 ft 6 in (4 430 mm)	16 ft 7 in (5 060 mm)	17 ft 3 in (5 270 mm)
Width of Upperstructure	8 ft 4 in (2 530 mm)	8 ft 1 in (2 530 mm)	8 ft 4 in (2 530 mm)	9 ft 1 in (2 770 mm)
Track Overall Length	12 ft 4 in (3 760 mm)	13 ft 1 in (3 990 mm)	14 ft 8 in (4 460 mm)	15 ft 3 in (4 650 mm)
Track Overall Width	8 ft 6 in (2 590 mm)	8 ft 6 in (2 590 mm)	8 ft 6 in (2 590 mm)	11 ft 1 in (3 390 mm)
Track Shoe Width	2 ft 0 in (600 mm)	2 ft 0 in (600 mm)	2 ft 0 in (600 mm)	2 ft 7 in (800 mm)
Upperstructure Ground Clearance	2 ft 11 in (895 mm)	3 ft 4 in (1 020 mm)	3 ft 7 in (1 080 mm)	3 ft 7 in (1 100 mm)
Minimum Ground Clearance	1 ft 5 in (420 mm)	1 ft 5 in (420 mm)	1 ft 5 in (430 mm)	1 ft 5 in (440 mm)
Rear Tail Swing Radius	7 ft 1 in (2 170 mm)	8 ft 1 in (2 470 mm)	9 ft 4 in (2 830 mm)	9 ft 8 in (2 950 mm)
Maximum Digging Depth	18 ft 3 in (5 550 mm)	19 ft 11 in (6 060 mm)	21 ft 8 in (6 620 mm)	22 ft 8 in (6 900 mm)
Maximum Reach @ Ground Level	28 ft 9 in (8 770 mm)	30 ft 4 in (9 240 mm)	31 ft 7 in (9 640 mm)	32 ft 0 in (9 760 mm)



**CX130D**



**CX160D**



**CX210D**



**CX250D**

<b>CX300D STD</b>	<b>CX350D STD</b>	<b>CX490D STD</b>	<b>CX500D ME</b>
Isuzu AQ-6HK1X	Isuzu AQ-6HK1X	Isuzu AQ-6UZ1X	Isuzu AQ-6UZ1X
6	6	6	6
475 (7.8)	475 (7.8)	600 (9.8)	600 (9.8)
207 (154)	268 (200)	362 (270)	362 (270)
42,781 (190)	56,157 (250)	60,700 (270)	70,400 (313)
31,383 (140)	40,196 (179)	49,500 (220)	60,000 (267)
78,515 (35 614)	98,779 (44 814)	131,300 (59 600)	133,800 (60 700)
52,380 (232)	61,373 (273)	76,200 (339)	76,000 (338)
10	9.7	9.1	9.1
3.4 (5.4)	3.4 (5.5)	3.3 (5.3)	3.3 (5.3)
<b>CX300D STD</b>	<b>CX350D STD</b>	<b>CX490D STD</b>	<b>CX500D ME</b>
11 ft 0 in (3 350 mm)	11 ft 5 in (3 470 mm)	11 ft 11 in (3 650 mm)	12 ft 6 in (3 800 mm)
10 ft 3 in (3 130 mm)	10 ft 5 in (3 180 mm)	10 ft 11 in (3 320 mm)	10 ft 11 in (3 320 mm)
34 ft 6 in (10 510 mm)	36 ft 8 in (11 170 mm)	39 ft 8 in (12 090 mm)	38 ft 4 in (11 680 mm)
18 ft 4 in (5 580 mm)	19 ft 9 in (6 010 mm)	21 ft 2 in (6 450 mm)	21 ft 2 in (6 450 mm)
9 ft 6 in (2 890 mm)	9 ft 11 in (3 030 mm)	10 ft 0 in (3 060 mm)	10 ft 0 in (3 060 mm)
15 ft 11 in (4 850 mm)	16 ft 4 in (4 980 mm)	17 ft 11 in (5 450 mm)	17 ft 11 in (5 450 mm)
11 ft 2 in (3 400 mm)	11 ft 2 in (3 400 mm)	12 ft 0 in (3 650 mm)	12 ft 0 in (3 650 mm)
2 ft 7 in (800 mm)	2 ft 7 in (800 mm)	2 ft 11 in (900 mm)	2 ft 11 in (900 mm)
3 ft 11 in (1 190 mm)	4 ft 0 in (1 210 mm)	4 ft 4 in (1 330 mm)	4 ft 4 in (1 330 mm)
1 ft 6 in (460 mm)	1 ft 7 in (470 mm)	1 ft 9 in (535 mm)	1 ft 9 in (535 mm)
10 ft 4 in (3 160 mm)	11 ft 8 in (3 550 mm)	12 ft 3 in (3 730 mm)	12 ft 3 in (3 730 mm)
22 ft 9 in (6 940 mm)	24 ft 1 in (7 340 mm)	25 ft 4 in (7 720 mm)	21 ft 4 in (6 490 mm)
33 ft 0 in (10 050 mm)	34 ft 1 in (10 380 mm)	36 ft 5 in (11 100 mm)	34 ft 7 in (10 550 mm)



**CX300D**



**CX350D**



**CX490D**



**CX500D**



## ***BUILDING A STRONG CASE.***

Since 1842, we at CASE Construction Equipment have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity. We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development. This focus has led to numerous innovations like Ride Control™, EZ-EH controls, blade shake, PowerLift™, over-center boom design and the peace of mind that only CASE ProCare provides.

Every CASE machine is backed by more than 350 North American dealer locations, thousands of OEM, remanufactured and Gold Value™ parts, and flexible financing and insurance options that provide the kind of reliable, steadfast support you expect from a professional partner.

We are passionate about improving the lives of others, whether investing in our veterans or raising awareness about local infrastructure initiatives through Dire States. Our goal is to build both stronger machines — and stronger communities.

At the end of the day, we do what's right by our customers and our communities so that they can count on CASE.

***CaseCE.com/DSeries***

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Form No. CCE201612DEXC  
Replaces Form No. CCE201609DEXC

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CASE Construction Equipment is biodiesel-friendly  
NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



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