

**CASE**  
CONSTRUCTION

**Excavators**  
C SERIES



CX130C  
CX300C

CX145C SR  
CX350C

CX160C  
CX470C

CX210C  
CX700B\*

CX235C SR  
CX800B\*

CX250C

**SINCE 1842**

**\*B SERIES EXCAVATORS**



CX130C



CX160C



CX210C



CX250C



CX300C



CX350C



CX470C



CX700B



CX800B



CX145C SR



CX235 SR

# MORE DIRT MOVED, LESS FUEL USED

With a full line of conventional swing machines ranging from 8 to 80 tons and short-radius models up to 23 tons, CASE excavators combine the muscle and finesse that's required to get the job done as effectively and efficiently as possible in nearly any application or working environment. That means digging, dumping, swinging, lifting and loading faster, but without burning excess fuel or sacrificing precision and comfort. Less jolting and jerking. Fewer fill-ups. More jobs done. That's how CASE does it.

- + Up to 10% Fuel Efficiency
- + Unmatched Featherability
- + Simple Serviceability
- + Best-in-Class Cab Comfort
- + Protected by ProCare
- + CASE Intelligent Hydraulic System (CIHS)





## LOVE WHERE YOU WORK



Air suspension seat comes standard.

### **BEST-IN-CLASS OPERATOR ENVIRONMENT**

Climb inside a ROPS/FOPS-certified cab with spacious comfort. Features like a standard intelligent climate control system that automatically responds to sunlight, a five-position deluxe air-ride seat, cushioned armrests and an optional Bluetooth radio help keep you comfortable. All in a cab with up to 7% more space than the B Series, up to 25% more airflow and as much as 8% more cooling to give operators of any size more comfort and room to work.

### **360° VISIBILITY**

With a standard rear camera and optional side camera, ISO-compliant mirrors, and a roof skylight, C Series excavators deliver greatly improved visibility over previous generations so operators can see more and worry less.

### **INDUSTRY-LEADING DISPLAY**

Standard on all C Series excavators, a 7-inch full-color, anti-glare HD monitor gives operators access to onboard diagnostics, real-time fuel consumption and an Electronic Pressure Control (EPC) option\*. The EPC is a 10-memory recall control that lets you program and store pressure settings for up to 10 hydraulic attachments – no need to look up settings every time. The widescreen monitor also offers side-by-side views when equipped with multiple cameras.

\*Optional on CX210C through CX350C



7-inch anti-glare HD monitor offers a wealth of intuitive controls.

### **LOW NOISE, LESS VIBRATION**

Iso-mount® cushioning gives the C Series one of the quietest cabs in the industry – inside and out – with interior decibels as low as 70 dBA. And with a dramatic reduction in vibration and bouncing, this enhanced system will give your back a break too.

### **MORE CONTROL**

A new joystick with proportional controls is now available, with attachments memory.





Superior cab features  
made for operator  
comfort, control and  
efficiency.

Model CX145C SR



***HARNESS THE POWER***





"We switched excavator brands, bought a CASE and cut our fuel consumption by nearly two-thirds."

— **Dave Goodermote**, Goodermote Excavating



#### **DOLLAR-STRETCHING FUEL EFFICIENCY**

An efficient engine with CEGR (Cooled Exhaust Gas Recirculation) Tier 4 technology combines with intelligent hydraulics that manage RPMs and software that automatically monitors and reacts to engine load. The result is a cleaner-burning engine that achieves up to 10% in better fuel efficiency and a cycle time increase of up to 5% over our award-winning B Series, providing more power and speed with less fuel.



#### **INCREASED LIFTING CAPACITY**

Thanks to the front attachment optimization, lifting capacity has increased by 6%. The high-pressure hydraulic system is designed to provide reliability and outstanding controllability to tackle the toughest of work in short order. Superior performance, fast cycle times and smooth operation ensure that CASE Excavators deliver the productivity needed to get the job done.



#### **PHENOMENAL FEATHERABILITY**

The fine-tuned engine and hydraulic control matching of CASE excavators deliver remarkable responsiveness of the loader arm and bucket. Digging is smoother and craning is more controlled for faster, more precise placement when positioning pipes, basins or any material.



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

By blending four integrated hydraulic control systems throughout lift/dump and dig/curl movements, CASE excavators can move more dirt per gallon and load more trucks per shift.

- Boom Economy Control (BEC) reduces RPMs during boom down and swing
- Auto Economy Control (AEC) lowers RPMs during idle
- Swing Relief Control (SWC) manages hydraulic power at the swing start
- Spool Stroke Control (SSC) adjusts hydraulic pressure during digs



#### **THREE POWER MODES**

C Series excavators are designed with three selectable working modes to give operators the ideal mix of machine power and fuel efficiency for each application – Speed Priority (SP), Heavy Duty (H) and Automatic (A).



# SHORT-RADIUS EXCAVATORS

CX145C SR | CX235C SR







### ***BIG-TIME PRECISION SQUEEZED IN***

Few excavators can handle confined spaces as deftly as the CX145C SR and CX235C SR. A high-and-tight counterweight minimizes backend overhang, and the boom is mounted further back to allow for a tighter swing radius. This condenses the overall work envelope to better work in confined spaces while still maintaining the strength and performance of traditional excavators.







# ATTACHED TO STRENGTH

## ARMS FOR ANY APPLICATION

From short arms for faster production cycles to long arms and long reach models that maximize the work envelope, CASE excavators offer several arm lengths and setups to fit varying needs.

## CONVENIENT QUICK-COUPLER

An optional hydraulic quick-coupler allows operators to fasten and lock attachments from the safety and comfort of the cab.

## FULL LINE OF CASE ATTACHMENTS

CASE offers bucket 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.

## EVEN MORE OPTIONS

Additional attachments and hydraulic packages, including single, dual-pump or bi-directional flow options, are available. A full-width backfill blade is also available on select models, and the CX210C can be outfitted with a narrow undercarriage configuration. Talk to your CASE dealer for a complete list of excavator attachments and options.



## MAINTENANCE MADE EASY

### SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. CASE excavators are no exception. 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.



#### Easy access to everything

- |                              |                           |                    |
|------------------------------|---------------------------|--------------------|
| ① Engine air filter          | ④ Service points          | ⑦ Fuse box         |
| ② Grouped lubrication points | ⑤ Remote oil filter       | ⑧ Cabin air filter |
| ③ Green plug oil drain       | ⑥ Lubricated EMS bushings |                    |



### **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.



### **IMPRESSIVE SERVICE INTERVALS**

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

## GO BIG, WE'VE GOT YOU COVERED

CASE ProCare is the industry's most comprehensive and standard-from-the-factory heavy machine support program that's as powerful as the equipment it protects. Best of all, ProCare comes standard on all new C Series excavators and keeps you covered for up to three years. It's the assurance businesses need to stay competitive, productive and profitable.

Protected by  
**ProCare**

FACTORY WARRANTY  
PLANNED MAINTENANCE  
TELEMATICS



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

**3-yr/2000-hr  
Planned  
Maintenance**  
**STANDARD**

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





## **SUPPORT COMES STANDARD**



### **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.







## REMOTE CONTROL

PLAN FEATURES		BASIC	ADVANCED
 <b>Fleet Management</b>	Locating and pinging machines for project management	✓	✓
	Machine hour reporting	✓	✓
 <b>Planned Maintenance</b>	Plan and prepare for maintenance intervals (ordering parts, scheduling)	✓	✓
 <b>Security</b>	Geofencing: Real-time notification of unplanned movements	✓	✓
	Curfew	✓	✓
 <b>Utilization Analysis &amp; Reporting</b>	Reporting: Machine run times, idle time vs. operation, travel time, machine utilization by location	✓	✓
 <b>Performance Analysis</b>	Engine load data to compare machines and operators to identify operation trends		✓
 <b>Fuel Info &amp; Reporting</b>	Fuel rate and consumption data to track fuel use for one machine or a fleet		✓
 <b>Machine Health Parameters</b>	Track machine operating characteristics: Temperatures, pressures, alerts for out-of-range parameters and CAN-bus parameters for diagnostics and troubleshooting		✓

**SiteWatch™**

Included with ProCare on the CX130C and larger excavators, CASE SiteWatch™ telematics break the boundaries of fleet management by allowing you to monitor and manage multiple machines from your computer, wherever you may be. No more manually tracking down engine hours and fuel levels. Get real-time performance metrics, idle-time analytics, scheduled maintenance intervals and programmable security alerts sent to any computer, anytime, anywhere.





# SPECIFICATIONS AND DIMENSIONS

## C SERIES EXCAVATORS

SPECIFICATIONS	CX130C STD LC	CX160C STD LC	CX210C STD LC	CX250C STD LC	CX300C STD LC	CX350C STD LC	CX470C STD LC
<b>Engine</b>	Isuzu AP-4JJ1X	Isuzu AP-4JJ1X	Isuzu AM-4HK1X	Isuzu AL-4HK1X	Isuzu AL-6HK1X	Isuzu AL-6HK1X	Isuzu AL-6UZ1X
<b>Net Horsepower – hp (kW)</b>	100 (74.9) @ 2000 RPM	124 (92.2) @ 2200 RPM	160 (119.3) @ 1800 RPM	177 (132.1) @ 2000 RPM	207 (154) @ 1800 RPM	266 (198) @ 1900 RPM	362 (270) @ 2000 RPM
<b>Emissions Certification*</b>	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (CEGR/DPF)
<b>Bucket Digging Force – lb (kN)</b>	21,357 (95.0)	26,527 (118.0)	34,171 (152.0)	39,117 (174.0)	42,759 (190.2)	55,843 (248.4)	60,698 (270.0)
<b>Arm Digging Force – lb (kN)</b>	14,837 (66.0)	18,884 (84.0)	24,729 (110.0)	29,000 (129.0)	29,765 (132.4)	34,396 (153.0)	46,311 (206.0)
<b>Operating Weight – lb (kg)</b>	28,600 (12 973)	36,300 (16 465)	47,437 (21 517)	55,336 (25 100)	65,901 (29 892)	79,999 (36 287)	105,299 (47 763)
<b>Drawbar Pull – lb (kN)</b>	36,194 (161.0)	36,194 (161.0)	42,264 (188.0)	45,187 (201.0)	52,380 (233.0)	59,125 (263.0)	76,435 (340.0)
<b>Swing Speed – RPM</b>	0 – 14.3	0 – 11.5	0 – 11.8	0 – 10.6	0 – 10.0	0 – 9.7	0 – 9.1
<b>Maximum Travel Speed – mph (kph)</b>	3.5 (5.6)	3.4 (5.4)	3.5 (5.6)	3.4 (5.5)	3.4 (5.4)	3.4 (5.4)	3.3 (5.3)
DIMENSIONS	CX130C STD LC	CX160C STD LC	CX210C STD LC	CX250C STD LC	CX300C STD LC	CX350C STD LC	CX470C STD LC
<b>Overall Height with Attachment</b>	9 ft 3 in (2.83 m)	9 ft 9 in (2.98 m)	9 ft 10 in (3.00 m)	10 ft 6 in (3.20 m)	10 ft 8 in (3.26 m)	11 ft 10 in (3.62 m)	11 ft 11 in (3.62 m)
<b>Cab Height</b>	9 ft 3 in (2.83 m)	9 ft 9 in (2.98 m)	9 ft 10 in (2.90 m)	10 ft 0 in (3.05 m)	10 ft 3 in (3.12 m)	10 ft 2 in (3.11 m)	11 ft 3 in (3.44 m)
<b>Overall Length with Attachment</b>	25 ft 0 in (7.62 m)	27 ft 8 in (8.44 m)	30 ft 9 in (9.38 m)	32 ft 5 in (9.88 m)	34 ft 3 in (10.45 m)	40 ft 8 in (12.40 m)	39 ft 7 in (12.06 m)
<b>Overall Length without Attachment</b>	13 ft 2 in (4.10 m)	14 ft 6 in (4.41 m)	16 ft 3 in (4.96 m)	17 ft 3 in (5.27 m)	18 ft 4 in (5.58 m)	19 ft 9 in (6.01 m)	21 ft 2 in (6.45 m)
<b>Width of Upperstructure</b>	8 ft 4 in (2.54 m)	8 ft 4 in (2.54 m)	9 ft 1 in (2.77 m)	9 ft 1 in (2.77 m)	9 ft 6 in (2.89 m)	9 ft 11 in (3.02 m)	10 ft 0 in (3.06 m)
<b>Track Overall Length</b>	12 ft 4 in (3.76 m)	13 ft 1 in (3.99 m)	14 ft 8 in (4.47 m)	15 ft 3 in (4.65 m)	15 ft 11 in (4.85 m)	16 ft 4 in (4.98 m)	17 ft 11 in (5.45 m)
<b>Track Overall Width</b>	8 ft 6 in (2.59 m)	8 ft 6 in (2.59 m)	10 ft 6 in (3.19 m)	11 ft 1 in (3.39 m)	11 ft 2 in (3.40 m)	11 ft 2 in (3.40 m)	12 ft 0 in (3.65 m)
<b>Track Shoe Width</b>	23.6 in (600 mm)	23.6 in (600 mm)	31.5 in (800 mm)	31.5 in (800 mm)	31.5 in (800 mm)	31.5 in (800 mm)	35.4 in (900 mm)
<b>Upperstructure Ground Clearance</b>	2 ft 11 in (0.90 m)	3 ft 4 in (1.02 m)	3 ft 5 in (1.04 m)	3 ft 7 in (1.10 m)	3 ft 10 in (1.18 m)	4 ft 0 in (1.21 m)	4 ft 4 in (1.33 m)
<b>Minimum Ground Clearance</b>	17.3 in (0.44 m)	17.3 in (0.44 m)	17.3 in (0.44 m)	18.1 in (0.46 m)	18.5 in (0.47 m)	18.9 in (0.48 m)	21.3 in (0.54 m)
<b>Rear Tail Swing Radius</b>	7 ft 0 in (2.13 m)	8 ft 0 in (2.45 m)	9 ft 0 in (2.75 m)	9 ft 8 in (2.95 m)	10 ft 4 in (3.16 m)	11 ft 8 in (3.55 m)	12 ft 3 in (3.73 m)
<b>Maximum Digging Depth</b>	18 ft 2 in (5 540 mm)	19 ft 11 in (6 010 mm)	21 ft 10 in (6 650 mm)	22 ft 8 in (6 900 mm)	23 ft 4 in (7 100 mm)	26 ft 8 in (8 140 mm)	25 ft 4 in (7 720 mm)
<b>Maximum Reach @ Ground Level</b>	25 ft 7 in (7.80 m)	27 ft 8 in (8.43 m)	30 ft 6 in (9.30 m)	31 ft 7 in (9.63 m)	32 ft 11 in (10.03 m)	36 ft 8 in (11.17 m)	36 ft 7 in (11.15 m)
<b>STD Bucket Capacity – yd³ (m³)</b>	HD Bucket 0.32 - 0.96 (0.25 - 0.74)	HD Bucket 0.36 - 1.12 (0.28 - 0.86)	GP Bucket 0.65 - 1.53 (0.50 - 1.17)	GP Bucket 1.26 - 2.93 (0.96 - 2.24)	GP Bucket 1.26 - 2.93 (0.96 - 2.24)	GP Bucket 1.26 - 2.93 (0.96 - 2.24)	HD Bucket 2.03 - 2.63 (1.55 - 2.01)

NOTE: Measurements taken using standard equipment.

\*CEGR = Cooled Exhaust Gas Recirculation; DOC = Diesel Oxidation Catalyst; DPF = Diesel Particulate Filter.



# SPECIFICATIONS AND DIMENSIONS

## C SERIES SHORT-RADIUS EXCAVATORS

## B SERIES EXCAVATORS

SPECIFICATIONS	CX145C SR LC	CX235C SR LC	CX700B HD	CX800B HD
Engine	Isuzu AP-4JJ1X	Isuzu AM-4HK1X	AH-6WG1XYSS	AH-6WG1XYSS
Net Horsepower – hp (kW)	100 (74.9) @ 2000 RPM	160 (119.3) @ 1800 RPM	463 (345) @ 1800 RPM	532 (397) @ 1800 RPM
Emissions Certification*	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (CEGR/DPF)	Tier 3	Tier 3
Bucket Digging Force – lb (kN)	21,357 (95.0)	34,171 (152.0)	71,260 (317.0)	81,156 (361.0)
Arm Digging Force – lb (kN)	14,837 (66.0)	24,729 (110.0)	55,078 (245.0)	67,443 (300.0)
Operating Weight – lb (kg)	31,967 (14 500)	55,977 (25 400)	153,400 (69 518)	178,575 (81 000)
Drawbar Pull – lb (kN)	26,078 (116.0)	45,187 (201.0)	103,862 (462.0)	127,017 (565.0)
Swing Speed – RPM	0 – 10.6	0 – 11.8	0 – 6.5	0 – 6.4
Maximum Travel Speed – mph (kph)	3.5 (5.6)	3.1 (5.0)	2.5 (4.1)	2.6 (4.2)
DIMENSIONS	CX145C SR LC	CX235C SR LC	CX700B HD	CX800B HD
Overall Height with Attachment	9 ft 2 in (2.80 m)	10 ft 2 in (3.09 m)	14 ft 1 in (4.30 m)	15 ft 9 in (4.81 m)
Cab Height	9 ft 2 in (2.80 m)	10 ft 0 in (3.04 m)	11 ft 5 in (3.48 m)	11 ft 10 in (3.61 m)
Overall Length with Attachment	24 ft 1 in (7.35 m)	29 ft 0 in (8.83 m)	43 ft 7 in (13.30 m)	47 ft 1 in (14.36 m)
Overall Length without Attachment	12 ft 4 in (3.76 m)	14 ft 8 in (4.47 m)	22 ft 8 in (6.91 m)	24 ft 6 in (7.46 m)
Width of Upperstructure	8 ft 2 in (2.49 m)	9 ft 10 in (2.99 m)	13 ft 1 in (3.99 m)**	13 ft 11 in (4.25 m)
Track Overall Length	12 ft 4 in (3.76 m)	14 ft 8 in (4.47 m)	19 ft 3 in (5.88 m)	20 ft 10 in (6.36 m)
Track Overall Width	8 ft 6 in (2.59 m)	10 ft 6 in (3.19 m)	13 ft 7 in (4.15 m)	14 ft 4 in (4.36 m)
Track Shoe Width	23.6 in (600 mm)	31.5 in (800 mm)	35.5 in (900 mm)	29.5 in (750 mm)
Upperstructure Ground Clearance	2 ft 11 in (0.88 m)	3 ft 4 in (1.02 m)	4 ft 11 in (1.51 m)	5 ft 3 in (1.59 m)
Minimum Ground Clearance	17.3 in (0.44 m)	17.3 in (0.44 m)	32 in (0.83 m)	35 in (0.89 m)
Rear Tail Swing Radius	5 ft 1 in (1.55 m)	5 ft 8 in (1.72 m)	13 ft 2 in (4.00 m)	14 ft 1 in (4.30 m)
Maximum Digging Depth	18 ft 1 in (5 510 mm)	21 ft 10 in (6 650 mm)	27 ft 7 in (8 400 mm)	28 ft 6 in (8 690 mm)
Maximum Reach @ Ground Level	25 ft 6 in (7.77 m)	30 ft 3 in (9.22 m)	40 ft 4 in (12.6 m)	43 ft 3 in (13.18 m)
STD Bucket Capacity – yd <sup>3</sup> (m <sup>3</sup> )	HD Bucket 0.43 - 0.83 (0.33 - 0.64)	GP Bucket 0.65 - 1.53 (0.50 - 1.17)	HD Bucket 2.53 - 5.91 (1.93 - 4.25)	HD Bucket 2.53 - 5.91 (1.93 - 4.25)

NOTE: Measurements taken using standard equipment.

\*CEGR = Cooled Exhaust Gas Recirculation; DOC = Diesel Oxidation Catalyst; DPF = Diesel Particulate Filter.

\*\*Width includes catwalks.



## **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 300 North American dealer locations, thousands of OEM, remanufactured and all-makes 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/Excavator**

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Form No. CCE201908CEXC  
Replaces Form No. CCE201904CEXC

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.

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.