

CX

**CX SERIES
CRAWLER EXCAVATORS**

CASE
CONSTRUCTION



CX Series

CUSTOMER SUPPORT



The Case dealer: Your professional partner

Start with world-class Case machinery and attachments

Your Case dealer will help you work smarter and faster by selecting equipment that delivers quality, performance and operator comfort. Your dealer has the knowledge and experience necessary to guide you in choosing the right attachments so you can...

- Work faster with less wear on your equipment
- Reduce the number of machines you need
- Increase your capabilities

Let your Case dealer service your machine on the jobsite

You'll be back on the job faster when your Case dealer services your equipment on the jobsite. Advantages include...

- Saving time and the cost of transporting machines to and from your dealer
- Reducing costs due to downtime
- Reducing service staff and stocking fewer parts

Manage your equipment better

The Case Care PlusPac™ is a pre-paid maintenance plan designed especially for your machine. Factory-trained

Case technicians perform routine inspections and regular service to detect problems before they start. Other plans, such as the Machine Protection PlusPac, can be purchased to extend protection beyond the base warranty. Add the GlobalTRACS® Fleet Management Communications System to complete your program. GlobalTRACS gives you the information to manage your fleet better while protecting it against theft. Ask your local Case dealer about adding value to your machine and peace of mind to your work day with these helpful programs.



OPERATOR ENVIRONMENT

Take command in total comfort

Taking command of the job at hand is easy in one of the most spacious cabs in the industry. Slip into the fully adjustable suspension seat and operate in total comfort, with ample room overhead, to your sides, and for your knees and legs.

The wide doorway and lift-up left control console make for easy cab entry and exit. The seat accommodates operators of all sizes and builds, and built-in lumbar support helps reduce operator fatigue. Plus, you can adjust the joysticks so they

stay in the same relative position as you adjust the seat, or position them independently, the choice is yours.

The low-effort control levers provide a natural grip and easy feathering with excellent feedback for outstanding controllability. With the control pattern selector valve, you can even adapt the control pattern to operator preference.

Soft-touch controls and a backlit LCD instrument panel with international symbols keep you in control and in touch with all key operating conditions, with messages displayed in a choice of 14 languages.

With 24 percent more front glass than earlier models, the CX Series provides excellent visibility to attachments overhead or in the trench. A window to the lower right lets you monitor the track position for easier positioning alongside a trench or when loading trailers. A roof hatch and unobstructed views in all directions help keep you in full command of the work area.

If you like quiet operation, you'll love the CX cab. The engine's quiet operation, vibration isolators, viscous fan drive, and the cab's sound-suppression system all contribute to the CX Series quiet comfort.



Whether you're positioning for work alongside a trench or boarding a trailer, the lower right window makes it easier with a clear view to the inside of the right track.



CX Series

CX80/CX130/CX160

Power, maneuverability, and value

The Case CX80 combines the power of a full-size excavator with the flexibility of a compact. Its center-swing boom, a feature normally found on compact excavators, generates consistent and easy operation. This digging feature makes the CX80 ideal for working in tight spaces, whether it's a cramped downtown construction site or along a foundation.

The versatile swing-boom can be positioned anywhere within a 130 degree arc. An operator can use the machine as a standard excavator or swing the boom on an angle to accommodate challenging applications. The solid boom and arm construction, along with optional auxiliary hydraulic packages, make this machine readily adaptable to a multitude of attachments.

With a boom length of 11 ft. 7 in. (3.50 m), the CX80 is one of the smaller members of the CX line of excavators. But with a bucket digging force of 12,792 lb. (56.9 kN) and a maximum dig depth of 15 ft. 2 in. (4.61 m) with the 6 ft. 11 in. (2.12 m)

arm, this small excavator offers the capacity of a much larger unit. A 5 ft. 7 in. (1.71 m) arm is also available and offers a dig depth of 13 ft. 9 in. (4.20 m).

The Case CX130 and CX160 offer the size, power, and versatility to take on a wide range of jobs in residential, commercial, and utility construction. Powered by the Case 4TA-3904 turbocharged and aftercooled engine, both units have earned their stripes as dependable performers delivering 106 horsepower (79 kW) and sure-footed maneuverability in confined areas.

The CX130 offers a boom length of 15 ft. 2 in. (4.63 m) with either an 8 ft. 2 in. (2.5 m) or 10 ft. (3.05 m) arm with up to 20 ft. (6.3 m) of dig depth, and 22,848 lb. (101.6 kN) of bucket digging force (with power boost).

The CX160 comes with a 16 ft. 1 in. (5.15 m) boom and an 8 ft. 10 in. (2.7 m) or 10 ft. 2 in. (3.1 m) arm for digging up to 21 ft. 2 in. (6.45 m) with 26,144 lb. (116.3 kN) of bucket digging force (with power boost).

With operating weights of 27,057 and 36,226 lb. (12 273 and 16 432 kg), these two workhorses stand their ground in heavy digging and lifting applications.

For added versatility, these units offer three auxiliary hydraulics packages, a hydraulic attachment coupler, a wide array of buckets, teeth and adapters, a thumb kit, and other attachments. A dozer blade is standard on the CX80 and is available on the CX130. Your Case dealer can help you equip the CX80, CX130, or CX160 for a maximum return on your investment.



Power and performance in a compact package make the CX80, CX130 and CX160 excellent choices for working in tight spaces and congested job sites.



Like all CX excavators, two-pump flow on boom/arm circuits assist boom lowering and arm closing speed to trim work cycles. And features like free swing control help keep loads moving quickly and efficiently.



The standard Power Boost and Auto Work Mode on the CX130 and CX160 optimize productivity on any job site. And like all CX models, these machines offer a choice of three optional auxiliary hydraulics packages to meet your application needs: single-acting one pump, double-acting single or dual pump, and double-acting general purpose for use with the optional thumb kit.



CX Series

CX210/CX240/CX290

Brains and brawn for tough tasks

Powered by the Case six-cylinder 6TAA-5904 engine, the CX210, CX240, and CX290 come equipped to handle a wide range of applications, from light residential to heavy-duty utility projects, demolition, and more.

Rated at 147, 173, and 182 horsepower (110, 129, and 136 kW) respectively, these models provide full authority digital electronic engine control, an industry first in the 20-ton excavator class. A full authority digital electronic controlled engine improves cycle times, boosting productivity with quicker response to load changes.

Teamed with the CX Series advanced hydraulics design, you can work faster and more efficiently. Standard bucket digging forces of

28,533 lb. (126.9 kN) on the CX210, 35,432 lb. (157.6 kN) on the CX240, and 35,969 lb. (160 kN) on the CX290 keep your work moving smoothly. Auto Power Boost increases those figures by 10 percent to get you through tough spots with ease. Cushion control in all cylinders and through the full stroke assures maximum load retention and greater operator comfort.

Versatile productivity is the name of the game for the CX290. The powerful Case electronic engine and high-performance hydraulics keep it ahead of the competition wherever you put them to work. With a maximum dig depth of 24 ft. 11 in. (7.59 m), a working weight of more than 64,500 lbs. (29 250 kg), the CX290 is ready for tough assignments.

For specialty work such as ditch cleaning, dredging, and embankment grading projects, the CX210 and CX240 are available in a Long Reach configuration. Boom and arm lengths for the CX210 and CX240 extend to 49 ft. 7 in. (15.1 m) and 60 ft. 1 in. (18.3 m) respectively.

The CX210 is also available in a narrow configuration, powered by the Isuzu 6BG engine generating 138 horsepower (98 kW). With the same 8 ft. 2 in. (2.49 m) upper-structure width as the CX160, the CX210 Narrow offers easy transportability and compact dimensions for working in confined spaces.





CX Series

CX330/CX460/CX700/CX800

Top performance in a host of environments

Whether you need maximum digging power or maximum reach, or a mix of each, the largest members of the CX family are favorites for the assignment.

Driven by the turbocharged Isuzu engine, the CX330 generates 271 horsepower (202 kW) and offers a maximum dig depth of 26 ft. 8 in. (8.14 m), working weights exceeding 78,000 lb. (35 380 kg) and a standard bucket digging force of 51,436 lb. (228.8 kN).

The CX460 meets heavy workload demands head-on with more than 101,000 lb. (45 813 kg) of operating weight and bucket capacities up to 4.05 cubic yards (3.10 m³) with a standard bucket digging force of 55,528 lb. (247 kN).

With its 22 ft. 11 in. (6.98 m) boom, the CX460 offers a choice of three arms. The 13 ft. 1 in. arm (4.00 m) reaches a maximum dig depth of 27 ft. 4 in. (8.34 m) and provides

straight-wall dig depths of up to 23 ft. 6 in. (7.16 m). The 11 ft. 1 in. (3.38 m) arm yields a standard digging force of 46,985 lbs. (209 kN). And the 8 ft. 2 in. (2.48 m) arm delivers digging force up to 63,171 lb. (281 kN) (with Auto Power Boost).

The CX700 is powered by a high-performance, fuel efficient Isuzu engine that is Tier III certified. With an operating weight of 153,400 lbs. (69,500 kg) and 425 net horsepower (317 kW), the CX700 digs to 31 feet 11 inches (9.75 m) and reaches to 46 feet 11 inches (14.30 m) at ground line.

The CX700's frame is based on the larger CX800 to ensure optimum durability and reliability, especially given its powerful performance. The CX700 provides all the features customers associate with Case excavators—four work modes, auto power boost and a climate-controlled, iso-mounted cab—while including features that enhance performance and make the machine easier to maintain.

The 80-metric-ton Case CX800 excavator has the heavy muscle and reach for the big jobs. The largest

excavator offered by Case, the CX800 takes productivity to a whole new level for mass excavation, quarry and aggregates, material handling, and road and bridge work.

Powered by a fuel-efficient, 495 net horsepower (369 kW) electronic engine, the CX800 delivers high production and low cost of operation. All of this size and power come with the same ease of use, smart Pro Control System operation, and operator comfort features as the rest of the CX line.

With two boom sizes up to 27 ft. 7 in. (8.4 m) and arm lengths up to 18 ft. 5 in. (5.62 m), the CX800 is equipped to match a broad range of job demands. Dig depths up to 35 ft. (10.66 m) and a maximum dig radius of 53 ft. 1 in. (16.2 m) help the CX800 deliver maximum digging performance.

Bucket digging forces top 81,000 lb. (361 kN) with power boost, helping the CX800 cut through tough material and deliver loads up to nearly 6 cubic yards (4.52 m³) per cycle. Lifting capacity of 78,000 pounds (35 380 kg) provides plenty of power for craning or material handling.

The CX800 redefines the rules by proving size and intelligence do go together.





In the long tradition of Case excavator design, engineering, and manufacturing, the CX330 is built for long-term durability and reliability in the most demanding applications. From its rugged undercarriage to its heavy-duty boom and arm, to its productive, comfortable cab, it's ready for your heavy-duty assignments.



The CX460 is powered by a 316 horsepower (235.4 kW), six-cylinder, Isuzu, electronic engine, combining robust performance with fuel-efficient operation.

The CX700 features a switch that allows the operator to give priority to either the boom or swing functions. By flipping the boom priority switch, the operator channels flow and speed to the boom, a great feature for lifting materials out of a deep trench or into a high truck.



CX Series

ENGINE/UNDERCARRIAGE

Boost performance and economy

At the heart of each CX excavator is a turbocharged diesel engine with charge-air cooling designed and built for outstanding productivity, reliability, and economy, along with simplified maintenance.

Powered by the proven performance of the Case 4TA-3904 engine, the CX130 and CX160 produce 106 horsepower (79 kW) for a variety of applications.

At 5.9 liters, the six-cylinder, Case 6TAA-5904 in the CX210 through CX290 features full authority, digital, electronic control to optimize fuel injection, air, timing, and firing to match the load. The value to the operator is reduced fuel consumption, noise, vibration, and emissions without sacrificing power.

The Isuzu-powered engines in the CX80, CX210 Narrow and CX330 through CX800 perform their tasks with responsive power while meeting the latest emission regulations. Like their Case counterparts, these electronically controlled engines offer high fuel efficiency, with low noise and vibration.

For cold weather operation, all CX excavator engines come with Auto Warm-up to prevent overworking the engine before it reaches the proper operating temperature. All CX models provide automatic emergency engine shutdown in case any critical function, such as engine oil pressure or coolant temperature, goes beyond normal operating range.



The 24-valve cylinder head in the Case engine features centered fuel injection, which improves combustion and produces 20 percent better low-end torque and response. Electronic injection supplies higher injection pressure for better fuel atomization, resulting in a cleaner burn, superior fuel economy, and outstanding engine performance.



CX Series excavators provide simplified maintenance with convenient access to service points. Extended service intervals provide maximum uptime for your equipment.

The rugged CX undercarriage is built for strength, durability, and high tractive effort. Travel priority assures straight travel even when swinging the upperstructure or operating other functions. Auto travel speed automatically matches torque and speed to ground conditions, shifting to low speed for muddy conditions, steep slopes or rough terrain, and high speed in more favorable conditions.



ATTACHMENTS

Dig in with confidence in all kinds of applications and soil conditions with the full line of buckets, teeth, adapters, and accessories Case offers. Designed and built for maximum breakout capacity, fill factors, and clean dumping, choose from general purpose, heavy duty, extreme duty, and ditching buckets, all available in a variety of widths and capacities.

General Purpose (STDP)



Heavy-Duty (HDP)



Severe-Duty (SDP)



Ditching (DTCH)



Compacting Wheel

Finish off your utility/pipe laying applications with a compaction wheel. When combined with a quick coupler, you can quickly switch from digging to compacting, getting greater value from your CX excavator.



Slide-Loc® Coupler

For quick, convenient changes of buckets and other attachments, outfit your CX Series excavator with the Case/JRB hydraulic Slide-Loc coupler to get the job done fast, all from the comfort of the cab. A mechanical coupler is also available.

Thumb

When equipped with auxiliary hydraulics, a CX Series excavator can partner with a multitude of available attachments, including a thumb. Ideal for grasping loose loads like timber and scrap, a thumb will add valuable versatility to CX Series excavators.



**CX SERIES CRAWLER EXCAVATOR
QUICK SPECS**

CX80

Engine	52 net hp (39 kW)
Dig depth	15 ft 2 in (4.61 m)
Operating weight	18,298 lb (8300 kg)

CX130

Engine	106 net hp (79 kW)
Dig depth	20 ft 0 in (6.10 m)
Operating weight	27,057 lb (12 273 kg)

CX160

Engine	106 net hp (79 kW)
Dig depth	21 ft 2 in (6.45 m)
Operating weight	36,226 lb (16 432 kg)

CX210

Engine	147 net hp (110 kW)
Dig depth	22 ft 0 in (6.71 m)
Operating weight	45,109 lb (20 461 kg)

CX240

Engine	173 net hp (129 kW)
Dig depth	22 ft 0 in (6.71 m)
Operating weight	53,240 lb (24 149 kg)

CX290

Engine	182 net hp (136 kW)
Dig depth	24 ft 11 in (7.59 m)
Operating weight	64,725 lb (29 359 kg)

CX330

Engine	271 net hp (202 kW)
Dig depth	26 ft 8 in (8.14 m)
Operating weight	78,043 lb (35 400 kg)

CX460

Engine	362 net hp (270 kW)
Dig depth	27 ft 4 in (8.34 m)
Operating weight	102,974 lb (46 708 kg)

CX700

Engine	425 net hp (317 kW)
Dig depth	31 ft 11 in (9.75 m)
Operating weight	153,400 lb (69 500 kg)

CX800

Engine	495 net hp (369 kW)
Dig depth	35 ft 0 in (10.66 m)
Operating weight	177,106 lb (80 534 kg)

NOTE: All engines meet current EPA emission regulations.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

IMPORTANT: CNH America LLC 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.



**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.

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