

# CX

**CX B SERIES COMPACT EXCAVATORS**  
**CX17B | CX27B | CX31B**  
**CX36B | CX50B**

**CASE**  
CONSTRUCTION



# Compact CX B Series

## CUSTOMER SUPPORT



Your Case dealer provides product support that keeps your machine on the jobsite.

### The Case dealer: Your professional partner

Your success starts with world-class Case machinery and attachments. Your Case dealer will help you work smarter and faster by selecting equipment that delivers performance and operator comfort. Your dealer has the knowledge and experience necessary to help you choose the right attachments so you can...

- Work faster and extend equipment life.
- Increase machine utilization.
- Increase your capabilities.

Let your Case dealer service your machine on the jobsite. You'll be back on the job faster. Advantages include...

- Responsive job site service to keep your equipment running.
- Increase machine uptime.
- Certified service staff and improved parts availability.

Manage your equipment better. The Case Care PlusPac<sup>SM</sup> is a prepaid maintenance plan designed especially for your machine. Factory-trained Case technicians perform routine

inspections and regular service to prevent problems. Other plans, such as the Machine Protection PlusPac<sup>SM</sup>, can be purchased to extend protection beyond the base warranty. Add the GlobalTRACS<sup>®</sup> Fleet Management Communications System to give you the information to better manage your fleet while protecting it against theft.

Ask your local Case dealer about adding value to your machine and peace of mind to your workday with these helpful products.





## AT-A-GLANCE

### Performance where others won't tread

Sometimes your biggest challenge in construction is finding enough room to work — or acquiring machines to work in the restricted spaces so commonly found on jobsites.

Either way, Case delivers the ideal solution with its line of compact excavators. With a full range of dig depths, buckets and attachment options, Case CX B Series compact excavators have one thing in common — the ability to travel and work within tight, restricted areas.

The key to these excavators is a small footprint and zero tail swing. They turn 360 degrees with no part

of the upper structure extending beyond the tracks. These machines are as easy to trailer as a skid steer, yet have big excavator features.

Plus, you can count on CX B Series compact excavators to deliver all the power and performance you need. With increased engine horsepower, hydraulic pressure and hydraulic flow, the CX17B, CX27B, CX31B, CX36B and CX50B provide more power and speed for better cycle times than ever before, getting you through the toughest jobs — quickly.

That's the definition of compact — and performance.

# Compact CX B Series

## POWER AND CONTROL



### Ultimate maneuverability, power and performance

Imagine working tight to a foundation or fence line and not worrying about having enough room to turn or maneuver. With zero tail swing, Case compact excavators rotate within the width of

their own tracks. Even in tight quarters, they dig, turn and unload with great efficiency.

While outstanding maneuverability is key to impressive cycle times, power and speed also enter into the equation. The B Series models offer improved power and speed, delivering faster cycle times than ever before. The B Series machines boast an average of 19 percent higher engine horsepower than previous models.

These models also feature more hydraulic flow than before, increased hydraulic horsepower, and an 11 percent increase in arm digging force. These improvements result in significantly faster cycle times which means you can move more material per hour for faster job completion.



# TOTAL PRODUCTION MACHINES

## Center-swing boom delivers precision

Accurately digging alongside a building or around fixed objects can pose big challenges, but not for Case CX B Series Compact Excavators. The unique design of the center-swing boom allows the operator to dig, or operate attachments, directly parallel to building foundations, fences, trees or other obstacles.

On the CX27B and larger models, a conveniently-located swing-boom control button on the left control

handle allows easy operation and flexibility to tackle any restricted job site. The swing tower is made from heavy-duty cast steel for long days of precision performance.

Combine this flexibility with improved arm digging forces on the B Series models, outstanding lift capacities, and superior balance, and you have big excavator performance with a compact footprint.



### BOOM SWING

<b>CX17B</b>	80° LEFT/50° RIGHT
<b>CX27B</b>	55° LEFT/60° RIGHT
<b>CX31B</b>	70° LEFT/60° RIGHT
<b>CX36B</b>	70° LEFT/60° RIGHT
<b>CX50B</b>	70° LEFT/60° RIGHT

## CX17B has retractable tracks

Need to move through a narrow opening with your excavator?

It's no problem for the Case CX17B, with hydraulic retractable tracks. Retract the tracks, move through the narrow opening, then expand them for digging power and stability.

With low ground pressure of only 3.9 psi (27.5 kPa) and bucket digging force of 3,417 pounds (1550 kg), the CX17B is the ultimate compact package.

### RETRACTED



### EXPANDED



Tracks retract (above) to allow passage through narrow openings and expand (right) to provide added stability.

# Compact CX B Series

**ZERO TAIL SWING, BIG PERFORMANCE**



## **Auxiliary hydraulics**

Auxiliary hydraulics and plumbing to the arm provide power for a range of attachments, such as hammers, augers and thumbs.



## **Two-speed travel**

All CX B Series Compact Excavators are equipped with a two-speed drive function to match speed and performance to jobsite conditions. Two-speed travel is automatic on the CX31B, CX36B and CX50B, and manual on the CX17B and CX27B.



## **Center-swing boom**

For precise digging or attachment operation, the center-swing boom can operate directly alongside buildings or other objects. Engaged by a convenient switch located on the joystick, the center-swing feature swings the boom up to 80 degrees left and 65 degrees right.



## **Rubber tracks**

Standard, durable rubber tracks easily move CX B Series Compact Excavators without damaging asphalt, concrete sidewalks or other surfaces. The machines feature ground pressures from 3.1 to 4.5 psi (21 to 31 kPa) for minimal ground disturbance. Short-pitch rubber on the tracks delivers low travel vibration and low noise levels.



## **Backfill blade**

CX B Series Compact Excavators are equipped with a hydraulically-controlled backfill blade for added machine stability and light dozing work. The blade makes the excavators ideal machines for digging trenches and then backfilling.

## **Improved cycle times**

The B Series compact models reduce cycle times for impressive productivity. With higher engine horsepower, more hydraulic flow, greater hydraulic horsepower and improved arm digging force, B Series compact excavators tear through the toughest jobs with ease.





### Select control pattern

A standard feature control pattern selector valve lets the operators choose the preferred operating pattern to match their skill set, without interruptions to production.



### Easy to operate

A superior hydrostatic drive system and pilot-operated joystick controls make CX B Series Compact Excavators easy to operate. Operators will find the controls smooth and intuitive for responsive performance and low fatigue.



### Zero tail swing

A smart, compact design lets Case compact excavators fully rotate within the width of their tracks. With the advantage of zero tail swing, operators concentrate on the work at hand instead of obstacles behind.



# Compact CX B Series

## SUPERIOR MAINTENANCE AND PERFORMANCE



Ground-level fluid checks make daily maintenance quick and easy.

### **Easy maintenance. Maximum uptime.**

Ease of service is critical to Case for all products because we realize it helps you maximize your profitability. Case CX B Series compact excavators feature swing-out access panels and ground line fuel, coolant and hydraulic fluid fills. For added protection, the fuel cap and all access panels are lockable.

Heavy-duty travel motors provide excellent speed and traction. These are efficient, two-speed axial-piston motors with planetary gear reduction. Heavy plate guards prevent damage to the hydraulic piping and components — added assurance that Case CX Series compact excavators are built for dependable performance.



The engine access door allows easy access to the air filter, oil level check and fill, coolant overflow and the fuel filter.



A one-piece, swing-out side access panel gives access to cooling components, valves and the operator control pattern change valve.



## OPERATOR ENVIRONMENT

### Comfort with commanding views

New B Series models have a larger operator platform — 20 percent larger than on previous compact models! With more room to work, the operator will feel more comfortable and be more productive.

The three-post ROPS design on the B Series models makes it easy to get in and out of the excavators, providing a 40 percent wider entry area. Plus, the three-post ROPS gives the operator commanding views of the entire surrounding worksite.

For the ultimate in operating comfort, a heater and floor-to-ceiling glass cabs are available on all models.

One-touch engine deceleration is standard on the CX27B through CX50B models, allowing quick reduction in engine RPMs to conserve fuel and reduce exhaust. A display panel includes readouts on engine oil pressure, water temperature, low-fuel warning, hour meter and more.



Pilot-operated hand controls deliver comfortable, highly responsive operation. A standard control-pattern selector valve lets the operator choose the most familiar pattern, excavator-style or loader/backhoe-style controls. An adjustable seat and standard arm rests help keep the operator comfortable.



The cab front glass is six percent wider than on previous models for improved sight lines. A wide door frame offers easier entry and exit.

# Compact CX B Series

## BUCKETS

### Buckets

With a wide range of bucket sizes and bucket digging forces up to 7,936 pounds (3600 kg), CX Series compact excavators deliver the power to dig anywhere you need it.

Bucket widths from 10 to 36 inches (254-914 mm) or more handle applications from trenching for utilities to general excavation.

### BUCKET SIZES

<b>CX17B</b>	0.9 – 1.3 ft <sup>3</sup> / 0.02 – 0.04 m <sup>3</sup>
<b>CX27B</b>	1.4 – 3.0 ft <sup>3</sup> / 0.04 – 0.09 m <sup>3</sup>
<b>CX31B</b>	2.1 – 4.3 ft <sup>3</sup> / 0.06 – 0.12 m <sup>3</sup>
<b>CX36B</b>	2.1 – 6.6 ft <sup>3</sup> / 0.06 – 0.19 m <sup>3</sup>
<b>CX50B</b>	3.0 – 9.8 ft <sup>3</sup> / 0.09 – 0.28 m <sup>3</sup>





## CX B SERIES COMPACT EXCAVATOR

### QUICK SPECS

<b>CX17B</b>	<b>Standard arm</b>	<b>Optional long arm</b>
Engine	15.2 net hp (11.3 kW)	15.2 net hp (11.3 kW)
Dig depth	7 ft 1 in (2.2 m)	7 ft 9 in (2.4 m)
Dig radius	12 ft 9 in (3.9 m)	13 ft 6 in (4.1 m)
Bucket digging force	3,417 lb (1550 kg)	3,417 lb (1550 kg)

### **CX27B**

Engine	21.3 net hp (15.9 kW)	21.3 net hp (15.9 kW)
Dig depth	8 ft 4 in (2.5 m)	9 ft 2 in (2.8 m)
Dig radius	15 ft 3 in (4.6 m)	16 ft 0 in (4.9 m)
Bucket digging force	6,351 lb (2881 kg)	6,351 lb (2881 kg)

### **CX31B**

Engine	28.4 net hp (21.2 kW)	28.4 net hp (21.2 kW)
Dig depth	9 ft 2 in (2.8 m)	10 ft 2 in (3.1 m)
Dig radius	16 ft 2 in (4.9 m)	17 ft 1 in (5.2 m)
Bucket digging force	8,430 lb (3824 kg)	8,430 lb (3824 kg)

### **CX36B**

Engine	28.4 net hp (21.2 kW)	28.4 net hp (21.2 kW)
Dig depth	10 ft 1 in (3.1 m)	11 ft 0 in (3.4 m)
Dig radius	17 ft 2 in (5.1 m)	18 ft 0 in (5.5 m)
Bucket digging force	8,430 lb (3824 kg)	8,430 lb (3824 kg)

### **CX50B**

Engine	39.8 net hp (9.7 kW)	39.8 net hp (9.7 kW)
Dig depth	11 ft 9 in (3.6 m)	12 ft 10 in (3.9 m)
Dig radius	19 ft 3 in (5.9 m)	20 ft 4 in (6.2 m)
Bucket digging force	11,128 lb (5048 kg)	11,128 lb (5048 kg)

NOTE: All engines meet current EPA emission regulations.

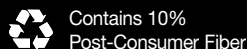
NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

IMPORTANT: 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.



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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**CX17B**



**CX27B**



**CX31B**



**CX36B**



**CX50B**