



# CX B-SERIES HYDRAULIC EXCAVATORS

**CX17B | CX27B | CX31B | CX36B**





# 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 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.





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## 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.



## 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.

	BOOM SWING
CX17B	80° LEFT/50° RIGHT
CX27B	55° LEFT/60° RIGHT
CX31B	70° LEFT/60° RIGHT
CX36B	70° LEFT/60° RIGHT

### RETRACTED



### EXPANDED



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

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## SUPERIOR MAINTENANCE AND PERFORMANCE

### 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.



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



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



# 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 CX36B 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.





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## 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 and CX36B 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.





## 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.







## 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.**





## Parts

When you're looking for superior parts options to maximize the performance and lower the operating costs of your Case machinery, turn to CNH Original Parts to keep you equipped for success.

CNH Original Parts fit better, install faster and last longer and in an industry where "high impact" and "heavy lifting" are the norm, the smallest mechanical differences can lead to big problems.

CNH Original Parts from Case are manufactured from superior materials and specifically designed for Case construction equipment to continually and reliably withstand the punishment of everyday construction. So steer clear of mechanical problems and future breakdowns, by choosing CNH Original Parts from Case. They're the only parts that are field-tested and proven to keep your Case equipment performing its best.

## Service. Rely on Case to Deliver for You

Your commitment to your operation is evident every day, but that doesn't minimize the enormous pressure you face to reduce operating costs and improve productivity. So when you're on the job, make sure you have top-notch service and support of Case behind you every step of the way.

With our factory trained technicians, you can ensure that top-notch service professionals are working on your maintenance needs, so you can focus on your business and the big job challenges ahead, not on the tasks of servicing your equipment.

With your Case Service, you get more than mere oil changes. A Case Service ensures your Case equipment receives a thorough service that meets all requirements of its service schedules and properly maintains it for the day-in, day-out punishment of construction work.

Don't give another thought to time-consuming maintenance tasks. Simply rest easy and make certain that your service needs are taken care of by a Case factory trained technician





When the unexpected occurs, you need to know your equipment is protected. At Case Construction we understand the importance of your machinery being in good working order when it counts.

ProCover is designed to help keep your equipment working well beyond the manufacturer's base warranty period while taking away the concerns of the cost and inconvenience of mechanical failure.

## WHAT ARE THE ADVANTAGES OF PROCOVER?

### PEACE OF MIND

Provides protection beyond the Manufacturer's Base Warranty Period.

### FLEXIBLE OPTIONS

Plans can be customised to meet individual needs.

### DEPENDABLE SERVICE

Eligible repairs completed by an authorised Case Construction Dealership and their trained service technician's using genuine OEM parts & lubricants.

### TRANSFERABLE PROTECTION

New Equipment Plans may be transferred to a new owner at no charge

## COVERAGE

- **STANDARD PROTECTION PLAN** 3 Year / 3000 Hour

Additional years/hours can be purchased. Please contact your local Case Construction dealer for further information.



# STANDARD PROCOVER PLUS PROTECTION PLAN CONSTRUCTION EQUIPMENT MASTER PARTS SCHEDULE

This plan provides coverage for the components listed below when a failure occurs due to a defect in material or workmanship, and may provide coverage for additional components not listed when the damage is caused by or resulting from a covered failure of a listed component.

## PREMIER COMPONENTS COVERED

ENGINE AND ALL INTERNAL LUBRICATED COMPONENTS WITHIN	TRANSMISSIONS/AXLES/HYDROSTATICS	ELECTRICAL	HYDRAULICS
Accessory Gears	Axle Housing	Alternator	Accumulator And Related Relief Valve
Air Intake Hose	Axle Shaft	Gauges	Brake Accumulator
Camshaft	Clutch Discs (Wet Only)	Horn	Brake Pressure Sensor
Camshaft Bearings	Clutch Plates (Wet Only)	Indicators	Brake Pump, Brake Valve
Camshaft Drive Gear	Control Rods	Instruments	Differential Lock Valve
Catalytic Converter	Counter Shaft Clutch	Electronic Joysticks	Fan Pumps And Motors
Charge Air Cooler	Differential Housing	Electric Motors	Hydraulic Cylinders
Cold Start Enrichment Systems	Differential Pinion Gear / Ring Gear	Factory Installed Telematics	Hydraulic Hoses and Piping
Connecting Rods & Bearings	Drive Axle Hub	Sensors	Hydraulic Motors
Crankshaft Bearings & Gear	Drive Shaft Support Bearing	Solenoid Valves	Hydraulic Oil Coolers
Crankshaft Including Front And Rear Crankshaft Seals	Drive Shaft with Universal Joints	Starter And Starter Solenoid	Hydraulic Pumps
Cylinder Heads/ Head Gaskets	Electronic Transmission Controller and Valve	Switches	Hydraulic Reservoir
Cylinder Liners	Enclosed Oil Immersed Chains and Sprockets	Traction Control System	Hydraulic Valves
Diesel Exhaust Fluid Tank and Dispensing System	External Oil Lines	Voltage Regulator	Internal O-Rings and Bonded Washers
Diesel Particulate Filter	Filler Tubes (Transmission)	Wiring Harnesses	Pilot Control
EGR System Manifold	Final Drive Pinion	Wiring Harnesses Exclusions	Pressure Reducing Valves
Electronic Engine Control Module	Final Drive Planetary Gears	Rubbing, Chafing, Loose Or Corroded Connections	Unloading Valves
Engine Block	Front Wheel Drive Sensors	<b>FACTORY INSTALLED HEAT AND AIR CONDITIONING</b>	<b>STRUCTURAL</b>
Engine Mounts And Supports	Hydraulic Drive / Travel Motor	Accumulator	Backhoe Booms
Engine Oil Cooler	Hydraulic Drive Pump	Clutch	Backhoe/Excavator Dipper Sticks
Engine Speed Controls, Linkages, and Cables	Hydraulic Transmission-Control Valve	Compressor	C Frame
Exhaust Manifold and Muffler	Hydrostatic Motor	Condenser	Car Body
Fan And Fan Drive	Hydrostatic Transmission Charge Pump	Dryer	Chassis
Filter Mount	Hydrostatic Transmission Pump	Evaporator	Circle Frame
Flywheel, Ring Gear	Hydrostatic/Hydraulic Pump Drives	Expansion Valve	Engine Frame
Front And Rear Engine Covers And Seals	Internal Lubricated Clutch Housings	Heater Core	Equipment Frame
Front Damper	Internal Transmission Control Linkage	Hoses	Excavator Booms
Fuel Lines	Internal Wet Service Brakes	Pulley	Falling Object Protection Structure (FOPS)
Fuel Tank	MFWD Axle/Differential Assembly including Driveshaft and U Joint	Seals & Gaskets	Forklift Masts
Fuel Transfer Pump & Gasket	Planetary Gear Carrier	Temperature Control Programmers and Valves	Inner and Outer Dipper Arms of the Extendable Boom (Backhoe Loader)
Injection Pump	Pneumatic Valves	<b>OPERATOR AREA</b>	Main Frame
Injectors	Rotary Hydraulic Manifold	Covers and Panels	Rollover Protection Structure (ROPS)
Intake and Exhaust Manifold And Gaskets	Splitter Drive/Drop Box	Exterior/Interior Door/Panel Latches, Hinges & Struts	Swing Frame
Oil Filler Tube	Steering Clutches (Wet)	Exterior/Interior Moldings	Swing Tower Castings (Backhoe Loader)
Oil Lines	Swing Motor And Swing Gear Box	Knobs for Switches and Handles	Track Frame
Oil Pan And Gasket	Torque Converter	Mirrors	Wheel Loader/Skid steer Loader Arms
Oil Pump	Torque Converter Pump	Seat Frame & Suspension	
Pistons & Rings	Transfer Drive		
Pre-Cleaner/Air Cleaner Housing	Transmission Case		
Pressure/Temperature Sensors & Sending Units	Transmission Gears, Bearings, & Shafts		
Pulleys	Transmission Pump		
Radiator	Travel & Swing Sections (only) Of Main Control Valve		
Rocker Arm Assembly	Travel Control Valve		
Selective Catalytic Reduction System	Turntable Bearing		
Thermostats	Undercarriage Roller And Idler Seals And Bearings		
Timing Gears	Undercarriage Tensioners		
Turbocharger And Gasket	UNDERCARRIAGE EXCLUSIONS: Sprocket, Tracks, Pads, Bolts, Chains, Or Any Failure Due To Wear, Or Breakage Caused By Wear		
Valve Cover And Gasket			
Water Piping			
Water Pumps			

This plan excludes coverage for any failure to any component caused by or resulting from the failure of a component not listed as a covered component, including any resulting damage to a listed component. See the Terms and Conditions document for complete plan details.



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# QUICK SPECS



CX17B	Standard Arm	Optional Long Arm
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	Standard Arm	Optional Long Arm
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	Standard Arm	Optional Long Arm
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	Standard Arm	Optional Long Arm
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)



# You can count on Case

You can count on Case and your Case dealer for full-service solutions-productive equipment, expert advice, flexible financing, genuine Case parts and fast service.

We're here to provide you with the ultimate ownership experience.

To locate a Case dealer or learn more about Case equipment or customer service, go to [www.casece.com](http://www.casece.com). For flexible financing options, dependable parts and fast service, your Case dealer is here to meet your needs.

It all adds up. You can count on Case.



**AUSTRALIA:**  
31-53 Kurradjong Road  
St. Marys NSW 2760

**CASE** Customer Assistance  
**1300 99 CASE**

**NOTE:**  
Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore, CNH reserves the right to modify machine specifications without incurring any obligation relating to such changes.



Conforms to directive 2006/42/EC



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[www.casece.com](http://www.casece.com)