C-SERIES MINI EXCAVATORS
CX17C I CX18C

READY FOR THE CHALLENGE

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EXPERTS FOR THE REAL WORLD
SINCE 1842
CASE BRAND HERITAGE
MORE THAN 175 YEARS OF PRIDE AND COMMITMENT

EXPERTS FOR THE REAL WORLD
SINCE 1842

1842  Jerome Increase Case founded Racine Threshing Machine Works in Racine, Wisconsin, USA.
1912  CASE manufactures road building equipment.
1969  CASE begins skid steer loader production.
1988  CASE recognized by Fortune magazine: listed by Fortune magazine among the “100 Products America Makes Best.”
1995  CASE expands attachment offering: co-branding and supply agreements with several key attachment suppliers.
2011  CASE leads Tier 4 solutions.
2011  Long Enters Hall of Fame: CASE engineer, “father of the loader/backhoe”, is inducted into the Construction Equipment Hall of Fame.
2016  CASE starts the production of C-Series mini excavators up to 5t in San Mauro Plant for the global market.

SAN MAURO PLANT AWARDS

ISO 9001  Product quality since 2008
ISO 14001  Environment quality 2004
ISO 18001  Safety management 2007
ISO 50001  Energy management 2011
DESIGNED TO SAVE YOUR TIME

Agility is the name of the game

- **Reaching the jobsite:** easy with variable undercarriage width. Quick folding of blade extensions.

- **Digging:** superior hydraulic flow delivers unparalleled digging efficiency. (+ 5% vs B-Series).
  - Excellent boom swing angles (CX17C left/right: 70/54; CX18C left/right: 60/60) contribute to high versatility.
  - Choice of short and long arms available to match customer needs: high breakout force or outstanding digging depth and reach.

- **Loading:** superior dump height together with ample bucket rollback angle result efficient truck loading and maximum material retention.

- **Dozing:** blade height (250 mm) and blade maximum lifting height (285 mm) are best-in-class on CX17C.

- **Lifting:** CX18C is a conventional model with superior lifting capacity. CX17C can be fitted with an additional bolt-on counterweight that further increases stability and lifting capacity.

- **Travel:** features the «auto shift-down» feature that optimizes travel speed and traction. Travelling in 2nd speed the machine automatically shifts to 1st gear if it needs more traction, and then automatically shifts back to 2nd gear when no extra traction is required.

- **Transportation:** convenient tie-down points make transportation easy and safe.
C-SERIES MINI EXCAVATORS

COMFORT COUNTS
Ergonomic operator station with suspension seat
• CASE CX17C and CX18C feature smooth pilot controls, ergonomically placed joysticks and adjustable wrist rests that make it easy and pleasant to operate them.
• Accessibility to the operator compartment is easy; operators can access the CX18C from both sides
• The suspension seat is standard on both models.

MODERN AND FUNCTIONAL CLUSTER
Easy-to-read digital cluster
The digital cluster is easy to read, confers a modern look to the operator station and provides useful information:
• Gauges: fuel level, engine coolant temperature
• Info and warning lamps: hydraulic QC lamp, travel speed, engine coolant temperature, engine oil pressure, battery charging, low fuel level

PEACE OF MIND
ESL Anti-theft
• All C-Series minis are equipped with a standard anti-theft. It is an Engine Start Limitation (ESL) requiring a 5-digit code that can be set by the operator
• 3 possible settings:
  1. Always: ESL is engaged every time the machine is shut off
  2. Interval: ESL is engaged after a pre-defined interval of shut off engine
  3. Disabled ESL: ESL is not active
SAFETY FIRST
C-Series Minis: no compromise on safety

- **TOPS / FOPS:** CX17C and CX18C comply with Tip-Over and Falling Objects -Protective-Structure requirements.
- **Emergency stop switch:** CX17C has as a standard feature a switch that immediately stops the engine in case of an emergency.
- **Pilot system with accumulator:** this standard feature allows the operator to put the attachment down safely even with engine turned off for greater safety.
- **Travel alarm:** an acoustic alarm alerts the people near the machine when it moves forward or backward. This feature is optional on every model.
- **2-post canopy:** good visibility is essential to work safely. CX17C Canopy and CX18C Canopy have a unique 2-post design that provides unobstructed front and side views.
- **Double-flange rollers:** de-tracking can be dangerous for the operator and the people near the machine. CASE C-Series minis have a double-flange roller design that minimizes the risk of de-tracking.
- **Zero Tail Swing (ZTS):** the ZTS design (CX17C only) means no risk of hitting obstacles with the rear of the machine when swinging, and creates less obstruction to road traffic.
- **Standard anti-theft:** for a safe storage of the machine, all models are equipped with a standard Engine Start Limit, that, if activated, requires the input of a password to start the machine.

All models are Site Watch telematics pre-wired.
MAIN REASONS TO CHOOSE THE C-SERIES

SAFETY FIRST
- TOPS / FOPS certified Cab and Canopy
- Emergency stop switch (CX17C)
- Pilot circuit with accumulator

360° VISIBILITY
- 2-post canopy design
- Large glazed area on CX18C cab version

SAFETY FIRST
- TOPS / FOPS certified Cab and Canopy
- Emergency stop switch (CX17C)
- Pilot circuit with accumulator

COMFORT COUNTS
- Proportional auxiliary hydraulics control (CX17C)
- Digital cluster
- Suspension seat

EASY SERVICEABILITY
- Easy access to battery, hydraulic valves and all regular service components
- Easy-to-read check points on left side
- Two-piece blade hydraulic hose

VARIABLE TRACK GAUGE
- Hydraulically retractable tracks
- Inner routing of hydraulic hoses
EXCELLENT WORKING RANGE
- Long and short arms available
- Ample boom swing angles
- Ample bucket rollback angle

EASY TO TRANSPORT
- Tie down hooks
- Less than 1,0 meter wide with retracted undercarriage

HIGH VERSATILITY
- Offering of integrated attachments
  Mono or bi-directional hydraulic oil flow
- Additional counterweight available (CX17C)

BLADE EFFECTIVENESS
- 2-pin blade folding design
- Superior blade height and lift

GREAT RELIABILITY
- X-frame undercarriage
- Cylinder protections
- Low risk of de-tracking with double-flange rollers

OPTIMIZED TRACTION AND SPEED
- Auto shift-down (CX17C)
GREAT RELIABILITY: A GIVEN ON CASE EXCAVATORS

World class components and a well-organized plant

- **World class components**: C-Series minis are designed for reliability, components are sourced from the best suppliers on the market and assembled in CASE’s Excavator Hub, a World Class Manufacturing production plant. The result: simply highly reliable machines.

- **Boom and arm reinforced mounting pin**: the pivot pin that holds boom and arm together is a critical point on any excavator. On CASE C-Series the pin is secured from both sides minimizing the risk of play between boom and arm.

- **Protected travel motor hoses**: travel motor hoses are well protected inside the track frame.

- **Protected cylinders**: boom, arm, bucket and blade cylinders are well protected with a steel cover.

EASY AND SAFE SERVICEABILITY

Grouped service points under the hood

C-Series are designed for serviceability:

- Rationalized service points layout
- Convenient check points on left side of the excavator
- Easy-to-remove side panels for full maintenance and repair access
- Two-piece blade hydraulic hoses (CX17C)
- Extended life of components:
  - Bushings: 250h, Hydraulic filters: 1000 h, Hydraulic oil: 2000h
GET THE JOB DONE NOW
AND FOR MANY YEARS TO COME

STANDARD EQUIPMENT

- Short arm (960 mm)
- Rubber tracks 230 mm
- TOPS / FOPS certified Cab / Canopy
- Emergency stop switch (CX17C)
- Pilot system with accumulator
- 2 speed travel with auto shift-down system (CX17C)
- 1st auxiliary 2-way circuit controlled with pedal
- Foldable boom swing pedal
- Variable undercarriage with extendable dozer blade
- Suspension seat with seatbelt
- Standard anti-theft with interval setting function
- Waterproof digital instrument cluster
- Centralized greasing inlet

OPTIONAL EQUIPMENT

- Long arm (1120 mm)
- 1st auxiliary 2-way circuit controlled with joystick (CX17C)
- Hydraulic quick coupler provision
- Beacon (CX17C and CX18C Cab)
- Travel alarm
- Additional counterweight (CX17C)
- Radio with USB (CX18C Cab)

Standard and Optional equipment may vary. Consult your CASE dealer for details.
C-SERIES
MINI EXCAVATORS

SPECIFICATIONS

ENGINE

<table>
<thead>
<tr>
<th>Model</th>
<th>CX17C</th>
<th>CX18C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Displacement (cm³)</td>
<td>Kubota D902</td>
<td>Mitsubishi L3E</td>
</tr>
<tr>
<td>Rated gross horse power (hp/kW)</td>
<td>16.8 / 12.5</td>
<td>16.8 / 12.5</td>
</tr>
<tr>
<td>ISO 14396</td>
<td>898</td>
<td>952</td>
</tr>
<tr>
<td>Max torque (Nm/rpm)</td>
<td>2300</td>
<td>54 / 1900</td>
</tr>
<tr>
<td>Emissions level</td>
<td>Tier 4F / Stage V</td>
<td>Tier 3 / Transition Stage V</td>
</tr>
</tbody>
</table>

HYDRAULIC SYSTEM

Variable displacement axial piston pumps
- Pump delivery (l/min) | CX17C: 2 x 18.8 | CX18C: 2 x 17 |
- Pressure (bar)        | 210          | 210         |
Gear pump delivery
- Pump delivery (l/min) | CX17C: 11.3 | CX18C: 10.4 |
- Pressure (bar)        | 170          | 170         |
1st Auxiliary 2-way Circuit
- Pump delivery (l/min) | CX17C: 30.1 | CX18C: 27.4 |
- Pressure (bar)        | 170          | 170         |

SLEWING & TRAVEL SPEED

<table>
<thead>
<tr>
<th>CX17C</th>
<th>CX18C</th>
</tr>
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<tbody>
<tr>
<td>Slewing speed (rpm)</td>
<td>9.5</td>
</tr>
<tr>
<td>Boom slewing angle (left/right)</td>
<td>70° / 54°</td>
</tr>
<tr>
<td>Travel Speed - Low (1st) (km/h)</td>
<td>2.1</td>
</tr>
<tr>
<td>Travel Speed - High (2nd) (km/h)</td>
<td>4.3</td>
</tr>
</tbody>
</table>

OPERATING WEIGHT

(includes operator, full fuel tank and one bucket)
- Cab (kg) | CX17C: 1770 | CX18C: 1720 |
- Canopy (kg) | 1890       | 1860       |

TRANSPORT FEATURE

(Weight is with full fuel tank, without operator, without bucket)
- Weight (Cab) (kg) | CX17C: 1680 | CX18C: 1630 |
- Weight (Canopy) (kg) | 3840 | 3855* |
- Max length (mm) | CX17C: 3480 | CX18C: 3510* |
- Max height (mm) | CX17C: 2320 | CX18C: 2300 |
- Max width (mm) | CX17C: 990-1300 | CX18C: 980-1250 |

GENERAL DIMENSIONS

<table>
<thead>
<tr>
<th>CX17C</th>
<th>CX18C</th>
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<tbody>
<tr>
<td>R Rear end swing radius (mm)</td>
<td>645</td>
</tr>
<tr>
<td>R' Min front slew radius (mm)</td>
<td>1570 - 1600</td>
</tr>
<tr>
<td>H Track width (mm)</td>
<td>230</td>
</tr>
<tr>
<td>I Ground clearance of rear end (mm)</td>
<td>440</td>
</tr>
<tr>
<td>J Overall Length of Crawler (mm)</td>
<td>1590</td>
</tr>
<tr>
<td>K Center distance of tumblers (mm)</td>
<td>1230</td>
</tr>
<tr>
<td>L Blade max lifting (mm)</td>
<td>285</td>
</tr>
<tr>
<td>M Blade max lowering (mm)</td>
<td>225</td>
</tr>
<tr>
<td>N Blade width (mm)</td>
<td>990-1300</td>
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<tr>
<td>O Blade height (mm)</td>
<td>250</td>
</tr>
<tr>
<td>O’ Ground clearance of undercarriage (mm)</td>
<td>170</td>
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* Long arm
**DIGGING PERFORMANCES**

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<thead>
<tr>
<th></th>
<th>CX17C</th>
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<tbody>
<tr>
<td>Dipperstick</td>
<td>mm</td>
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<tr>
<td>Breakout force (ISO) kN</td>
<td>8.5</td>
<td>7.6</td>
</tr>
<tr>
<td>Bucket</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>Breakout force (ISO) kN</td>
<td>15.5</td>
<td>15.5</td>
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<tr>
<td>D Max reach</td>
<td>mm</td>
<td></td>
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<tr>
<td>at ground level</td>
<td>3900</td>
<td>4030</td>
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<tr>
<td>D' Max reach</td>
<td>mm</td>
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<tr>
<td>E Max digging depth</td>
<td>2200</td>
<td>2350</td>
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<tr>
<td>F Max dump height</td>
<td>2570</td>
<td>2670</td>
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<tr>
<td>G Max digging height</td>
<td>3580</td>
<td>3680</td>
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**LIFTING CAPACITIES**

<table>
<thead>
<tr>
<th>Lift point height (m)</th>
<th>Arm</th>
<th>LIFT-POINT RADIUS</th>
<th>1.5 m</th>
<th>2.0 m</th>
<th>3.0 m</th>
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<tr>
<td></td>
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<td>1.0 m kg</td>
<td>500</td>
<td>470</td>
<td>270</td>
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<td></td>
<td>Blade up</td>
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All models are equipped with long arm, no bucket, std counterweight, rubber tracks.

ISO 10567: Lifting capacity does not exceed 75% of tipping load or 87% of full hydraulic capacity.

* Indicates load limited by hydraulic capacity.

**ATTACHMENTS**

CASE offers an integrated range of attachments:

- Standard buckets from 0.025 to 0.060 m³ SAE Heaped capacity (width from 250 to 600 mm)
- Ditch cleaning buckets
- Mechanical and hydraulic quick couplers (Klac and Lehnhoff-compatible)
- Hydraulic hammers
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 Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 2006/42/EC

The call is free from a land line. Check in advance with your Mobile Operator if you will be charged. Toll free number not available from all calling areas.