D-SERIES CRAWLER EXCAVATORS
CX750D / CX750D ME
STAGE V

IT’S TIME FOR MORE

www.casece.com
EXPERTS FOR THE REAL WORLD
SINCE 1842
1842 CASE is founded.
1869 The first CASE portable steam engine - road construction is born.
1957 The first factory - integrated loader/backhoe in the world: a CASE industry first.
1969 CASE begins skid steer loader production.
1992 Sumitomo becomes supplier to CASE Corporation distributing excavators ranging from 7 to 80 tons.
1998 Global Alliance signed between CASE Corporation and Sumitomo.
2001 CASE introduces the first of its CX excavators, powerful new “thinking machines” designed to enhance productivity through onboard intelligence features.
2007 CX210B is awarded the «Good Desing Award» by the design Academy of Japan.
2008 CX210B wins the 18th «Energy Conservation Award» from the Agency for Natural Resources and Energy of the Japanese Ministry of Economy.
2011 CASE becomes the first construction equipment manufacturer to offer both selective catalytic reduction and cooled exhaust gas recirculation as solutions to meet stringent emissions standards.
2015 CASE launches the new “D series” Tier 4 final/ EU Stage IV Crawler Excavators.
2018 Stage V production for models CX350D and above.
HIGH RELIABILITY

Improved Design for Durable Performances

- The boom and arm have been redesigned according to the latest stress analysis criteria to reduce stress points.
- The undercarriage is built with high-tensile strength steel for long term durability to work in the toughest heavy duty applications.

HIGH QUALITY

Accurate, simple and robust design for high durability

- True to CASE’s enviable reputation for reliability and durability, the D-Series delivers leading design solutions and manufacturing quality.

HIGH PRECISION AND CONTROLLABILITY

Smooth control with the CASE Intelligent Hydraulic System

The proven CASE Intelligent Hydraulic System (CIHS) delivers energy savings in all cycle time phases (digging, boom up and swing, dumping).
D-SERIES
CRAWLER EXCAVATORS

High performance hydraulics control
- The new electrically controlled pumps deliver faster cycle times.
- Oil flow can be adjusted according to working needs, or increased smoothly while starting travel and boom down.
- As a result, the machine responsiveness to operation load is multiplied, resulting in cycle times 11% faster than the previous generation.

Working modes easily adapt to every work load
- **A** MODE for grading, lifting and precision work.
- **H** MODE the best balance between productivity and fuel economy.
- **SP** MODE extra speed and power for the most demanding jobs that require maximum productivity.
- **Auto Power Boost** automatically increases hydraulic pressure according to the operation's demands.

Optimized retractable undercarriage
Increased track gauge width (3350 mm) for better lifting capacity. Width with retracted condition during transportation is 2740 mm.

CX750D ME MASS EXCAVATOR
A dedicated model for mass excavation provides outstanding breakout force performance. With a special heavy duty shorter boom and dipper and a bigger bucket cylinder and optimized kinematics, the CX750D ME works with larger buckets than the CX750D, delivering industry leading speed, productivity and efficiency.
HIGH EFFICIENCY: THE SECRET

Great performances with low fuel consumption

CASE Intelligent Hydraulic System (CIHS) reads continuously the load pressure through strategic sensors and like an ORCHESTRA DIRECTOR gives always and in real time the right balance for any type of job, providing solid fuel saving opportunities. It consists of 5 Energy Saving controls:

- Torque control decreases main pump loads to prevent a drop in engine rpm, with improved sensitivity to control.
- Boom Economy Control (BEC) increases fuel efficiency during boom lower and swing operations, like dump unloading
- Swing Relief Control (SWC) carefully manages the hydraulic power distribution in slewing operations.
- Spool Stroke Control (SSC) creates an automatic pressure adjustment during digging and leveling operations.
- Idle functions: the Auto Idle function lowers engine rpm after 5 seconds of lever inactivity whatever the throttle position, while the Idle Shutdown function shuts the engine down after a pre-setted time of inactivity. Both are manually switchable.

CLEANER (STAGE V)

EU Stage V compliant CASE engines

- The new STAGE V engine meets the latest EU standards for engine exhaust emissions that sets new limit for particle number (PN) and further reduced particulate matter (PM) levels.
- Water separator sensor linked to a dedicated message on machine monitor to drain water when level in filter is too high
- New safety filter (maintenance free) to protect the engine from dust during the main filter replacement
- The closed circuit ventilation system make sure the oil gas are filtered, separated and sent back to the crankcase, avoiding dispersion into the air.
- Engine of the latest generation, electronically controlled with Variable Geometry Turbocharger, high pressure common rail with multi-injection engine ensures great performances and low fuel consumption.
- Large Adblue® tank allows longer working time without stopping for Adblue refill (5-6 fuel refils before a stop). With CASE no time is wasted and your refill is more efficient and safe.
COMFORTABLE AND SAFE CAB
The ultimate interior cab configuration

- Superior cab structure with ample legroom for the operator.
- Fully adjustable workstation.
- New ergonomically designed high back seat with air suspension for excellent comfort.
- Optional seat tilting adjustment and seat heater.
- Top class features include the 178 mm colour LED Monitor, bluetooth tuner and Radio, spacious storage compartment, 12v accessory plug, clipboard holder, mobile phone holder, warm and cool box, fuse box service connection, storage tray and ergonomic arm rest.
- FOPS level II standard
- Wide offering of optional front guards.

OUSTANDING VISIBILITY & QUITE WORK ENVIRONMENT

- Outstanding visibility with ample glazed surface, right and rear camera
- Soundproof pressurised cab
- The cushioning system lowers noise and vibration levels for the operator’s ultimate comfort.
COMFORT RULES
FIRST CLASS CAB AND SEAT
CASE MAXIMUM VIEW MONITOR

option with its bird’s eye and panoramic view improves operator’s safety by:
- 270° wide vision
- 3 cameras
- 7 inch full color monitor
- Blind spots eliminated by image processing
- Led lighting package LED lights for increased visibility in low light conditions

STANDARD HYDRAULIC REVERSABLE FAN

Engine layout inversion
- The new layout made it possible to accommodate two wider radiators with tank & oil cooler / fuel cooler in parallel location opposite side of the Cabin assuring better cooling performance.
- The hydraulically-driven cooling fan contributes to lower noise output and improvements in fuel consumption. The reversing mode helps to reduce maintenance needs.
SAFE ACCESS TO UPPERCARRIAGE

Solid and robust platform and handrails

- Wide, robust and comfortable steps and ladders for safe access to the top of the hood.
- Solid handrail for protection on the top of the hood.
- Non-slip plates and top hood cover are supported by 2 gas pistons and secured by 2 mechanical stops when open.
- Solid platform (80 cm wide) on top of the engine compartment to provide a stable base for the technician working on the engine compartment.

EASY MAINTENANCE

CASE stays «grounded»

- All filters and regular fill points are grouped for easy access.
- Engine oil change intervals set at 500 hours.
- Radiator and cooler mounted side by side for easy access.
- Standard 100 l/min refueling pump with automatic cut off.
- Optional hydraulic and engine oil sampling port for easy oil check.
- Battery Shutdown Switch for safe maintenance on the electrical system.
- All the D-series crawler excavators feature the Extended Maintenance System (EMS) bushings, providing 1,000 hour greasing intervals on all pins except the attachment linkage.
MAIN REASONS TO CHOOSE THE D-SERIES

THE SECRET FOR HIGH PRECISION AND CONTROLLABILITY
is the CASE Intelligent Hydraulics System (CIHS) which is the result of continuous pursuit of perfection of a legendary brand. CASE is synonymous and reference in the market for its fastest cycle times, best energy saving performance and smooth control.

HIGH VERSATILITY
- Mass excavation available (CX750D ME) for outstanding breakout force
- Wide track gauge (3350 mm) for better lifting
- Four arm lengths options

MORE EFFICIENT MUSCLE BEHIND
- 512 HP engine power
- Top class productivity without compromising fuel efficiency
- New electronically controlled hydraulic pumps for outstanding responsiveness (11% faster than previous series)

HIGH EFFICIENCY
- Energy saving system to take advantage of all fuel saving opportunities
- Large AdBlue tank (152 litres). Your refill is more efficient and safe
- Max torque value shifted to lower rpm (improved engine response)
STAGE V ENGINE
in line with the latest EU standard for engine exhaust emissions:
- New ATS with DPD filter (Diesel Particulate Diffuser)
- New closed PCV system (Positive Crankcase Ventilation)

HIGH RELIABILITY
- Arm, boom and undercarriage have been developed and improved year over year with best design elements and materials for more durability, dispersing stress concentration
- Standard hydrostatic reversible fan to match the real cooling demand, reducing power absorption and reducing maintenance needs thanks to the reversing mode
- Side by side radiators improve cooling and are easily accessible

SAFE OPERATION AND MAINTENANCE
- All filters now located in the pump compartment
- Wider catwalk for a safer maintenance
- Optional factory fitted travel alarm for greater safety on the jobsite
- New Fuel filter supply line with no need to flush after filter replacement
- Fuel prefilter Water sensor with dedicated message on Cabin monitor

BETTER VISIBILITY
- Standard rear camera
- Optional CASE maximum view monitor (270° rear & side view)
- New LED working light package, is more than three times brighter than its halogen equivalent

COMFORTABLE AND SAFE CAB
- Extra spacious cab
- Fully adjustable workstation
- New high back seat
- New layout of the power plant reduces Cab inside Noise (Engine fan: far from Cab)
TELEMATICS

SiteWatch: centralised fleet control benefits at your fingertips

- **Measure your true asset availability and optimise it**
  - Eliminate the “phantom fleet”: SiteWatch allows to identify spare units or under loaded machines on each site.
  - Become able to reallocate units where they are more needed.
  - Forward Maintenance Planning is easier since the actualised working hours are always available.
  - Extend the benefits of SiteWatch to the rest of your fleet: SiteWatch can be installed on the units of other brands as well.

- **Challenge your Total Cost of Ownership!**
  - Being able to compare the fuel usage of different machine types will allow you choose the right equipment.
  - Save on transport costs with planned and grouped maintenance tasks.
  - Peace of mind, optimised uptime and lower repair costs: with preventive maintenance you can for example be alerted if the engine needs to be serviced and avoid a disruptive breakdown.
  - Be able to compare your asset Return On Investment on different sites.
  - Your equipment is used only during working hours. You can set up alerts so that you know if it is in use during the weekend or at night.
  - Integrate with the programmed maintenance package, so that you can be sure every machine is at the right place at the right time.

- **More Safety, Lower Insurance Premium**
  - Keep thieves away: dissuade them from attacking your asset because it is geo-localised. SiteWatch is hidden so that thieves can’t find it quickly.
  - Your fleet is used only where you decide. You can define a virtual fence and receive an email when a machine exits that perimeter.

**THE SCIENCE BIT**

The CASE SiteWatch telematics system uses a high-tech control unit mounted on each machine to collate information from that machine and from GPS satellites. This data is then sent wirelessly through the mobile communication networks to the CASE Telematics Web Portal.
STANDARD EQUIPMENT

ENGINE
Isuzu 6-cylinder turbo-charged diesel
EU stage V Certified
Selective Catalytic Reduction (SCR)
Diesel Oxidation Catalyst (DOC)
Cooled Exhaust Gas Recirculation (CEGR)
Diesel Particulate Diffuser (DPD)
VGT turbocharger
Electronic fuel injection
High pressure common rail system
Neutral safety start
Auto-engine warm up, emergency stop
Glow-plug pre-heat
Engine Protection Feature (EPF)
Dual-stage fuel filtration
Dual element air filter
Remote oil filter
Green plug oil drain
500-hour engine oil change interval
24-Volt system
Battery disconnect switch
External Fuel and AdBlue gauges
Fuel cooler
Fuel filter restriction indicator
Fuel prefilter Water sensor with dedicated message on Cabin monitor
Idle start
Radiator, oil cooler, intercooler – protective Screen
Hydraulic reversing cooling fan
Refueling Pump

HYDRAULICS
Electronically controlled hydraulic pumps
Auto power boost
Auto travel speed change
Selectable work modes
Overload warning device
ISO pattern controls
Pre-set auxiliary pump settings
Switch controlled auxiliary selection
Auxiliary valve
Hydraulic filter restriction indicator
Oil cooler
5,000 hour hydraulic oil change interval
2,000 hour hydraulic filter change interval

UPPERSTRUCTURE
ISO mirrors
Handrail - RH access
Isolation mounted cab (fluid and spring)
Lockable fuel cap, service doors and toolbox
Rear view safety camera

OPERATOR STATION
ROPS protection
Catwalks
FOPS guard OPG level II
Pressurized cab
Retractable roller screen provision
One-touch lock front window
Sun visor & drain deflector
AC/heat/dersh w/auto climate control
HOF/coolbox, catch holder & ashtray
Interior dome light
Cloth covered air-suspension high-back seat
Sliding seat – 90 mm
Seat-belt
Adjustable armrests
Tilting consoles - 4-position
Low-effort joystick controls
Sliding cockpit 180 mm
Auxiliary select system
Aux-in port for personal electronics
Multifunction LED color monitor (180 mm)
28 selectable languages for monitor
Anti-theft system (start code system)
Rubber floor mat
12-volt electric socket
24-volt cigarette lighter
One-piece right hand window
Working lights (boom & upperstructure)
Cab top working lights
Windshield wiper / washer
Storage compartments
On-board diagnostic system

ATTACHMENTS
Standard boom 7.7 m (CX750D)
Mass Excavation boom 6.5 m (CX750D MASS)
HD arm 3.55 m (CX750D)
HD arm 4.11 m (CX750D)
Arm 5.00 m (CX750D)
HD Mass Excavation arm 3.02 (CX750D and CX750D MASS)

RETRACTABLE CHASSIS
650 mm double grouser
Full track guide

STANDARD AND OPTIONS

OPTIONAL EQUIPMENT

HYDRAULICS
Low-flow circuit, proportional control
Single acting pedal activated hammer circuit
Single acting hammer circuit with electrical proportional control
Multifunction (hammer/high flow) circuit with electrical proportional control

ATTACHMENTS
Hydraulic quick coupler provision
Safety valves and bucket linkage with hook

OPERATOR STATION
Front cab guard - vertical bars (OPG level 2)
Front cab guard - vertical bars (OPG level 1)
Front mesh screen
Travel alarm
AM/FM CD/radio with antenna and 2-speakers
LED working lights

UNDERCARRIAGE
Track shoes 750 mm double grouser
Track shoes 900 mm double grouser

TELEMATICS
Three years SiteWatch “Advanced” subscription with remote monitoring and one user’s licence

OTHERS
Engine and hydraulic oil sampling ports
Roller screen for rear cab window available through CNH parts (DIA kit)
Right view safety camera
### ENGINE

<table>
<thead>
<tr>
<th></th>
<th>CX750D</th>
<th>CX750D ME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>ISUZU VE-6WG1X</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Water-cooled, 4-cycle diesel, 6-cylinder in line, high pressure common rail system (electric control), Turbocharger with air cooled intercooler, without cooling fan, SCR &amp; DPD system</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders / Displacement (l)</td>
<td>6/15.7</td>
<td></td>
</tr>
<tr>
<td>Emissions level</td>
<td>EU N°2016/1628 STAGE V</td>
<td></td>
</tr>
<tr>
<td>Bore &amp; stroke (mm)</td>
<td>147 x 154</td>
<td></td>
</tr>
</tbody>
</table>

**Rated flywheel horse power**

- ISO 14396 (kW / hp): 382 / 512 at 1800 min⁻¹
- With fan pump (kW / hp): 343 / 460

**Maximum torque**

- ISO 14396 (Nm): 2090 Nm at 1450 min⁻¹

### HYDRAULIC SYSTEM

**Main pumps**

- 2 variable displacement axial piston pumps with regulating system

**Working circuit pressure**

- Boom/Arm/Bucket (MPa): 31.4
- With auto power boost (MPa): 34.3
- Swing circuit (MPa): 27.9
- Travel circuit (MPa): 34.3

**Pilot pump**

- 1 gear pump

**Boom Cylinders**

- Bore (mm): 190
- Stroke (mm): 1805

**Arm Cylinders**

- Bore (mm): 210
- Stroke (mm): 2055

**Bucket Cylinders**

- Bore (mm): 185
- Stroke (mm): 1465

**SWING**

- Maximum swing speed (min⁻¹): 6.7
- Swing torque (kNm): 241

### UNDERCARRIAGE

- High travel speed (km/h): 4.3
- Low travel speed (km/h): 3.0
- Drawbar pull (KN): 449
- Track shoes: 650 mm, 750 mm or 900 mm double grouser shoes

### CIRCUIT AND COMPONENT CAPACITIES

<table>
<thead>
<tr>
<th></th>
<th>CX750D</th>
<th>CX750D ME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank (l)</td>
<td>900</td>
<td></td>
</tr>
<tr>
<td>Hydraulic system (l)</td>
<td>650</td>
<td></td>
</tr>
<tr>
<td>Hydraulic reservoir (l)</td>
<td>310</td>
<td></td>
</tr>
<tr>
<td>Adblue tank (l)</td>
<td>152</td>
<td></td>
</tr>
</tbody>
</table>

### SOUND LEVEL

**External guaranteed sound level (EU Directive 2000/14/EC)**

- LwA 107 dB(A)

**Operator cab sound pressure level (ISO 6396)**

- LpA 72 dB(A)

### WEIGHT AND GROUND PRESSURE

With 7.70 m Boom, 3.55 m Arm, 3.3 m³ Heavy Duty bucket, 650 mm grouser shoes, operator, fluids, full fuel tank, and FOPS level 2 guard.

**CX750D**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>72000 kg</td>
<td>0.106 MPa</td>
</tr>
</tbody>
</table>

With 6.58 m Boom, 3.02 m Arm, 4.2 m³ Rock bucket, 650 mm grouser shoes, operator, fluids, full fuel tank, and FOPS level 2 guard.

**CX750D ME**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>72850 kg</td>
<td>0.107 MPa</td>
</tr>
<tr>
<td>Counterweight</td>
<td>10400 kg</td>
</tr>
</tbody>
</table>
### GENERAL DIMENSIONS

![Diagram of CASE CX750D Arm Excavator](image)

<table>
<thead>
<tr>
<th></th>
<th>Arm 3.55 m</th>
<th>Arm 3.02 m</th>
<th>Arm 4.11 m</th>
<th>Arm 5.00 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall length (with attachment)</td>
<td>mm 13370</td>
<td>13380</td>
<td>13350</td>
<td>13250</td>
</tr>
<tr>
<td>B Overall height (to top of boom)</td>
<td>mm 4320</td>
<td>4440</td>
<td>4590</td>
<td>5050</td>
</tr>
<tr>
<td>C Cab height</td>
<td>mm 3950</td>
<td>3950</td>
<td>3950</td>
<td>3950</td>
</tr>
<tr>
<td>D Overall height (to top of guardrail)</td>
<td>mm 4110</td>
<td>4170</td>
<td>4170</td>
<td>4170</td>
</tr>
<tr>
<td>D1 Upper structure overall width (without catwalk)</td>
<td>mm 4170</td>
<td>4170</td>
<td>4170</td>
<td>4170</td>
</tr>
<tr>
<td>E Upper structure overall width (with catwalk)</td>
<td>mm 4710</td>
<td>4710</td>
<td>4710</td>
<td>4710</td>
</tr>
<tr>
<td>F Wheel base (center to center of wheels)</td>
<td>mm 4710</td>
<td>4710</td>
<td>4710</td>
<td>4710</td>
</tr>
<tr>
<td>G Track gauge (Extended)</td>
<td>mm 3590</td>
<td>3590</td>
<td>3590</td>
<td>3590</td>
</tr>
<tr>
<td>G1 Track gauge (Retracted)</td>
<td>mm 2740</td>
<td>2740</td>
<td>2740</td>
<td>2740</td>
</tr>
<tr>
<td>Undercarriage overall width (Extended) (with 650 mm shoes)</td>
<td>mm 4000</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
</tr>
<tr>
<td>Undercarriage overall width (Retracted) (with 650 mm shoes)</td>
<td>mm 3390</td>
<td>3390</td>
<td>3390</td>
<td>3390</td>
</tr>
<tr>
<td>Tail swing radius</td>
<td>mm 4050</td>
<td>4050</td>
<td>4050</td>
<td>4050</td>
</tr>
</tbody>
</table>
PERFORMANCE DATA

<table>
<thead>
<tr>
<th>CX750D</th>
<th>Arm 3.55 m</th>
<th>Arm 3.02 m</th>
<th>Arm 4.11 m</th>
<th>Arm 5.00 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom length</td>
<td>mm</td>
<td>7700</td>
<td>7700</td>
<td>7700</td>
</tr>
<tr>
<td>Arm length</td>
<td>mm</td>
<td>3550</td>
<td>3020</td>
<td>4110</td>
</tr>
<tr>
<td>A Maximum reach</td>
<td>mm</td>
<td>13070</td>
<td>12780</td>
<td>13630</td>
</tr>
<tr>
<td>B Max digging depth</td>
<td>mm</td>
<td>8400</td>
<td>7870</td>
<td>8970</td>
</tr>
<tr>
<td>C Max digging height</td>
<td>mm</td>
<td>11630</td>
<td>12100</td>
<td>11970</td>
</tr>
<tr>
<td>D Max dumping height</td>
<td>mm</td>
<td>7810</td>
<td>8090</td>
<td>8110</td>
</tr>
<tr>
<td>E Min. Swing radius</td>
<td>mm</td>
<td>5810</td>
<td>5830</td>
<td>5730</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>CX750D ME</th>
<th>Arm 3.02 m</th>
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<tbody>
<tr>
<td>Boom length</td>
<td>mm</td>
</tr>
<tr>
<td>Arm length</td>
<td>mm</td>
</tr>
<tr>
<td>A Maximum reach</td>
<td>mm</td>
</tr>
<tr>
<td>B Max digging depth</td>
<td>mm</td>
</tr>
<tr>
<td>C Max digging height</td>
<td>mm</td>
</tr>
<tr>
<td>D Max dumping height</td>
<td>mm</td>
</tr>
<tr>
<td>E Min. Swing radius</td>
<td>mm</td>
</tr>
</tbody>
</table>

DIGGING FORCE (ISO 6015)

<table>
<thead>
<tr>
<th>CX750D</th>
<th>Arm 3.55 m</th>
<th>Arm 3.02 m</th>
<th>Arm 4.11 m</th>
<th>Arm 5.00 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm digging force</td>
<td>kN</td>
<td>259</td>
<td>289</td>
<td>233</td>
</tr>
<tr>
<td>with auto power up</td>
<td>kN</td>
<td>283</td>
<td>316</td>
<td>254</td>
</tr>
<tr>
<td>Bucket digging force</td>
<td>kN</td>
<td>306</td>
<td>306</td>
<td>307</td>
</tr>
<tr>
<td>with auto power up</td>
<td>kN</td>
<td>334</td>
<td>334</td>
<td>335</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CX750D ME</th>
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<tbody>
<tr>
<td>Arm digging force</td>
<td>kN</td>
</tr>
<tr>
<td>with auto power up</td>
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<tr>
<td>Bucket digging force</td>
<td>kN</td>
</tr>
<tr>
<td>with auto power up</td>
<td>kN</td>
</tr>
</tbody>
</table>
# CX D-SERIES
## CX750D - CX750D ME

### CX750D

**HEAVY DUTY BUCKETS (DIRECT MOUNT)**

<table>
<thead>
<tr>
<th>Capacity (ISO7451 Heaped)</th>
<th>Width</th>
<th>Weight</th>
<th>Arm 3.02 m</th>
<th>Arm 3.55 m</th>
<th>Arm 4.11 m</th>
<th>Arm 5.00 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.70 m³</td>
<td>1450 mm</td>
<td>3140 kg</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>●</td>
</tr>
<tr>
<td>3.00 m³</td>
<td>1600 mm</td>
<td>3350 kg</td>
<td>○</td>
<td>○</td>
<td>●</td>
<td>■</td>
</tr>
<tr>
<td>3.30 m³</td>
<td>1750 mm</td>
<td>3510 kg</td>
<td>●</td>
<td>●</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>3.60 m³</td>
<td>1900 mm</td>
<td>3650 kg</td>
<td>●</td>
<td>■</td>
<td>■</td>
<td>×</td>
</tr>
</tbody>
</table>

### ROCK BUCKETS (DIRECT MOUNT)

<table>
<thead>
<tr>
<th>Capacity (ISO7451 Heaped)</th>
<th>Width</th>
<th>Weight</th>
<th>Arm 3.02 m</th>
<th>Arm 3.55 m</th>
<th>Arm 4.11 m</th>
<th>Arm 5.00 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00 m³</td>
<td>1600 mm</td>
<td>3590 kg</td>
<td>○</td>
<td>●</td>
<td>●</td>
<td>■</td>
</tr>
<tr>
<td>3.30 m³</td>
<td>1750 mm</td>
<td>3750 kg</td>
<td>●</td>
<td>●</td>
<td>■</td>
<td>×</td>
</tr>
<tr>
<td>3.60 m³</td>
<td>1900 mm</td>
<td>3960 kg</td>
<td>●</td>
<td>■</td>
<td>×</td>
<td>×</td>
</tr>
</tbody>
</table>

○ Rated material density up to 2 ton/m³  ● Rated material density up to 1.8 ton/m³  ■ Rated material density up to 1.6 ton/m³  × Not applicable

### CX750D ME

**HEAVY DUTY BUCKETS (DIRECT MOUNT)**

<table>
<thead>
<tr>
<th>Capacity (ISO7451 Heaped)</th>
<th>Width</th>
<th>Weight</th>
<th>Arm 3.02 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.95 m³</td>
<td>1850 mm</td>
<td>3750 kg</td>
<td>○</td>
</tr>
<tr>
<td>4.20 m³</td>
<td>2000 mm</td>
<td>4000 kg</td>
<td>●</td>
</tr>
<tr>
<td>4.60 m³</td>
<td>2200 mm</td>
<td>4200 kg</td>
<td>●</td>
</tr>
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</table>

### ROCK BUCKETS (DIRECT MOUNT)

<table>
<thead>
<tr>
<th>Capacity (ISO7451 Heaped)</th>
<th>Width</th>
<th>Weight</th>
<th>Arm 3.02 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.95 m³</td>
<td>1850 mm</td>
<td>3980 kg</td>
<td>○</td>
</tr>
<tr>
<td>4.20 m³</td>
<td>2000 mm</td>
<td>4260 kg</td>
<td>●</td>
</tr>
</tbody>
</table>

○ Rated material density up to 2 ton/m³  ● Rated material density up to 1.8 ton/m³  ● Rated material density up to 1.6 ton/m³
### LIFTING CAPACITY

**CX750D - CX750D ME**

#### RTC UNDERCARRIAGE - Super long arm 5.0 m length, 650 mm shoes. Maximum reach 12.40 m

<table>
<thead>
<tr>
<th>Reach (m)</th>
<th>2 m</th>
<th>4 m</th>
<th>6 m</th>
<th>8 m</th>
<th>10 m</th>
<th>12 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20040*</td>
<td>11750*</td>
<td>10120*</td>
</tr>
<tr>
<td>8.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20040*</td>
<td>11750*</td>
<td>9640*</td>
</tr>
<tr>
<td>6.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12330*</td>
<td>11670</td>
<td>9590*</td>
</tr>
<tr>
<td>4.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12330*</td>
<td>11670</td>
<td>8560</td>
</tr>
<tr>
<td>2.0 m</td>
<td>12640*</td>
<td>26660*</td>
<td>14800*</td>
<td>11420*</td>
<td>9890*</td>
<td>8540</td>
<td></td>
</tr>
<tr>
<td>0.0 m</td>
<td>12640*</td>
<td>26660*</td>
<td>14800*</td>
<td>11420*</td>
<td>9890*</td>
<td>8540</td>
<td></td>
</tr>
<tr>
<td>-2.0 m</td>
<td>10800*</td>
<td>21180*</td>
<td>13950</td>
<td>10090</td>
<td>8160</td>
<td>7440</td>
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<tr>
<td>-4.0 m</td>
<td>19190*</td>
<td>29000*</td>
<td>18550*</td>
<td>13420</td>
<td>9660</td>
<td>8140</td>
<td></td>
</tr>
<tr>
<td>-6.0 m</td>
<td>30330*</td>
<td>28620*</td>
<td>20640*</td>
<td>14910*</td>
<td>13810</td>
<td>12170</td>
<td></td>
</tr>
</tbody>
</table>

The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

#### RTC UNDERCARRIAGE - Long arm 4.11 m length, 650 mm shoes. Maximum reach 11.50 m

<table>
<thead>
<tr>
<th>Reach (m)</th>
<th>2 m</th>
<th>4 m</th>
<th>6 m</th>
<th>8 m</th>
<th>10 m</th>
<th>12 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13230*</td>
<td>11740</td>
<td>13150*</td>
</tr>
<tr>
<td>8.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13230*</td>
<td>11740</td>
<td>11430</td>
</tr>
<tr>
<td>6.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12390*</td>
<td>11510</td>
<td>9720</td>
</tr>
<tr>
<td>4.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>22380*</td>
<td>17070*</td>
<td>16520</td>
</tr>
<tr>
<td>2.0 m</td>
<td>25960</td>
<td>22170</td>
<td>18890*</td>
<td>14650</td>
<td>15100</td>
<td>12170</td>
<td></td>
</tr>
<tr>
<td>0.0 m</td>
<td>27430*</td>
<td>21110</td>
<td>19390*</td>
<td>13990</td>
<td>14710</td>
<td>12440</td>
<td></td>
</tr>
<tr>
<td>-2.0 m</td>
<td>11940*</td>
<td>21000*</td>
<td>19720*</td>
<td>13700</td>
<td>14580</td>
<td>13520</td>
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</tr>
<tr>
<td>-4.0 m</td>
<td>23290*</td>
<td>26880*</td>
<td>25110*</td>
<td>20540</td>
<td>18550*</td>
<td>13890</td>
<td></td>
</tr>
<tr>
<td>-6.0 m</td>
<td>23400*</td>
<td>23400*</td>
<td>17620*</td>
<td>13810</td>
<td>12670*</td>
<td>12670*</td>
<td></td>
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</tbody>
</table>

#### RTC UNDERCARRIAGE - Standard arm 3.55 m length, 650 mm shoes. Maximum reach 11.00 m

<table>
<thead>
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<th>Reach (m)</th>
<th>2 m</th>
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<th>6 m</th>
<th>8 m</th>
<th>10 m</th>
<th>12 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15150*</td>
<td>15150*</td>
<td>13150*</td>
</tr>
<tr>
<td>8.0 m</td>
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<td></td>
<td></td>
<td></td>
<td>15150*</td>
<td>15150*</td>
<td>13150*</td>
</tr>
<tr>
<td>6.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13540*</td>
<td>11510</td>
<td>11430</td>
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<tr>
<td>4.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>23650*</td>
<td>21360</td>
<td>21360</td>
</tr>
<tr>
<td>2.0 m</td>
<td>26770*</td>
<td>21840</td>
<td>17780*</td>
<td>15390</td>
<td>15040</td>
<td>12320</td>
<td></td>
</tr>
<tr>
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<td>21040</td>
<td>20110*</td>
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<td>14710</td>
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<td>22940*</td>
<td>22340*</td>
<td>26130*</td>
<td>20920</td>
<td>19470*</td>
<td>13460</td>
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<tr>
<td>-4.0 m</td>
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<td>29730*</td>
<td>22510*</td>
<td>21290</td>
<td>16680*</td>
<td>14550</td>
<td></td>
</tr>
<tr>
<td>-6.0 m</td>
<td>23400*</td>
<td>23400*</td>
<td>17620*</td>
<td>13810</td>
<td>12670*</td>
<td>12670*</td>
<td></td>
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</table>

#### RTC UNDERCARRIAGE - Short arm 3.0 m length, 650 mm shoes. Maximum reach 10.70 m

<table>
<thead>
<tr>
<th>Reach (m)</th>
<th>2 m</th>
<th>4 m</th>
<th>6 m</th>
<th>8 m</th>
<th>10 m</th>
<th>12 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15630*</td>
<td>15630*</td>
<td>16360*</td>
</tr>
<tr>
<td>8.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15630*</td>
<td>15630*</td>
<td>16360*</td>
</tr>
<tr>
<td>6.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15630*</td>
<td>15630*</td>
<td>16360*</td>
</tr>
<tr>
<td>4.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20680*</td>
<td>16800*</td>
<td>16800*</td>
</tr>
<tr>
<td>2.0 m</td>
<td>24650*</td>
<td>23000</td>
<td>18240</td>
<td>15100</td>
<td>15040</td>
<td>14820</td>
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</tr>
<tr>
<td>0.0 m</td>
<td>27210*</td>
<td>21440</td>
<td>19690*</td>
<td>14320</td>
<td>14940</td>
<td>13580</td>
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<td>14720</td>
<td>14020</td>
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<td>19010*</td>
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<td>20390</td>
<td>18990*</td>
<td>14670</td>
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<tr>
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<td>20910*</td>
<td>20910*</td>
<td>15170*</td>
<td>13820</td>
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</tr>
</tbody>
</table>

#### RTC UNDERCARRIAGE - ME Short arm 3.0 m length, 650 mm shoes. Maximum reach 9.53 m

<table>
<thead>
<tr>
<th>Reach (m)</th>
<th>2 m</th>
<th>4 m</th>
<th>6 m</th>
<th>8 m</th>
<th>10 m</th>
<th>12 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17720*</td>
<td>16520</td>
<td>16730*</td>
</tr>
<tr>
<td>6.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17720*</td>
<td>16520</td>
<td>16730*</td>
</tr>
<tr>
<td>4.0 m</td>
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<td></td>
<td></td>
<td></td>
<td>24190*</td>
<td>19020*</td>
<td>16310*</td>
</tr>
<tr>
<td>2.0 m</td>
<td>27400</td>
<td>22900</td>
<td>20360*</td>
<td>15050</td>
<td>15050</td>
<td>16020</td>
<td></td>
</tr>
<tr>
<td>0.0 m</td>
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<td>21990</td>
<td>20690*</td>
<td>14550</td>
<td>14550</td>
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<td></td>
</tr>
<tr>
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<td>22530*</td>
<td>22530*</td>
<td>37070*</td>
<td>26240*</td>
<td>21840</td>
<td>17350</td>
<td></td>
</tr>
<tr>
<td>-4.0 m</td>
<td>27620*</td>
<td>27620*</td>
<td>19740*</td>
<td>19740*</td>
<td>15970*</td>
<td>15970*</td>
<td></td>
</tr>
</tbody>
</table>

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.
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

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