D-SERIES CRAWLER EXCAVATORS

CX750D / CX750D ME STAGE V





IT'S TIME FOR MORE

WWW.casece.com
EXPERTS FOR THE REAL WORLD
SINCE 1842

HERITAGE

A TRADITION OF INDUSTRY FIRSTS





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.

CRAWLER EXCAVATORS D-NA BUILT TO LAST AND CONTROL





HIGH RELIABILITY

Improved D-esign for D-urable perfomances

- 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 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



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.



FAST CYCLES

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.



HIGH VERSATILITY

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.

PRODUCTIVITY

IT'S TIME FOR BIGGER PERFORMANCE





HIGH EFFICENCY: 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.

D-SERIES CRAWLER EXCAVATORS



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 VISIBLITY & QUITE WORK ENVIRONMENT

 Oustanding 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



D-SERIES

CRAWLER EXCAVATORS





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 accomodate two wider radiators with tank & oil cooler / fuel cooler in parallel location oppositie 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.





SAFETY AND MAINTENANCE WORK SAFELY IN ALL CONDITIONS





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 I/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.









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)



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



BETTER VISIBILI

- 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)



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 Cranckcase Ventilation)



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

TELEMATICS





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.

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.
- Able to reallocate units where they are more needed.
- Maintenance planning is easier since the actual machine hours are available and alerts will be sent when a service is due.
- 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 service interventions.
- Peace of mind, optimised uptime and lower repair costs: with preventive maintenance you can 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 receive alerts
 when is in use during the weekend or at night.

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.
- Geo-fencing your asset. You can define a virtual fence and receive an email when a machine exits that perimeter.
- Recover your asset if it is taken away, thanks to the asset's continuous tracking.





STANDARD AND OPTIONS

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

FUEL ECONOMY SYSTEMS

Engine Idle/Fuel Economy System:

Auto-idle One-touch idle Auto-idle shut-down Torque control

Boom Economy Control (BEC) Swing Relief Control (SWC) Spool Stroke Control (SSC) **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

Manual lever for auxiliary selection outside cab

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)

Lifting eyes for counterweight

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

Tempered safety glass

One-touch lock front window

Sun visor&rain deflector

AC/heat/defrost w/auto climate control

Hot&coolbox, cup 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

Aux-in port for personal electronics

Multifunction LED color monitor (180 mm)

28 selectable languages for monitor

Anti-theft system (start code system)

Rubber floormat

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

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, manual 3-way valve selection

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
CNHI parts (DIA kit)
Right view safety camera



CX D-SERIES

CX750D - CX750D ME

Model	ENGINE	CX750D	CX750D ME
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 & DPD system 6/15.7	Model	ISUZU	VE-6WG1X
line,high pressure common rail system (electric control), Turbocharger with air cooled intercooler, without cooling fan, SCR & DPD system Number of cylinders / Displacement (l)	Type Wa	ater-cooled, 4-	cvcle diesel, 6-cvlinder in
(electric control), Turbocharger with air cooled intercooler, without cooling fan, SCR & DPD system Number of cylinders / Displacement (I) 6/15.7 Emissions level	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ine.high pressu	re common rail system
Intercooler, without cooling fan, SCR & DPD system Number of cylinders / Displacement (I) 6/15.7 Emissions level			
Number of cylinders / Displacement (I)			
Number of cylinders / Displacement (I)			,
Emissions level	Number of cylinders / Displace	ement (I)	6/15.7
Bore & stroke (mm)	Emissions level	EU Nº2016	6/1628 STAGE V
Rated flywheel horse power SO 14396 (kW / hp)	Rore & stroke (mm)	14	7 x 154
Maximum torque S0 14396 (Nm) 2090 Nm at 1450 min ⁻¹ HYDRAULIC SYSTEM	Rated flywheel horse power		
Maximum torque S0 14396 (Nm) 2090 Nm at 1450 min ⁻¹ HYDRAULIC SYSTEM	ISO 14396 (kW / hp)	382 / 512	2 at 1800 min ⁻¹
Maximum torque S0 14396 (Nm) 2090 Nm at 1450 min ⁻¹ HYDRAULIC SYSTEM	With fan pump (kW / hp)	34	3 / 460
HYDRAULIC SYSTEM Main pumps 2 variable displacement axial piston pumps with regulating system Max. oil flow (l/min) 2 x 472 at 1800 min ⁻¹ 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 Max. oil flow (l/min) 27 Working circuit pressure (MPa) 4.4 Boom Cylinders Bore (mm) 190 Stroke (mm) 210 Stroke (mm) 210 Stroke (mm) 2055 Bucket Cylinders Bore (mm) 2055 Bucket Cylinders Bore (mm) 1465 1450 SWING Maximum swing speed (min ⁻¹) 6.7 5 Wing torque (kNm) 241 UNDERCARRIAGE High travel speed (km/h) 3.0 3.0 Drawbar pull (KN) 449 1 Track shoes 650 mm, 750 mm or 900 mm	Maximum torque		
Main pumps 2 variable displacement axial piston pumps with regulating system Max. oil flow (l/min) 2 x 472 at 1800 min ⁻¹ 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 Max. oil flow (l/min) 27 Working circuit pressure (MPa) 4.4 Boom Cylinders 300 Bore (mm) 1805 Arm Cylinders 210 Bore (mm) 2055 Bucket Cylinders 200 Bore (mm) 185 200 Stroke (mm) 1465 1450 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	ISO 14396 (Nm)	2090 Nm	n at 1450 min ⁻¹
Main pumps 2 variable displacement axial piston pumps with regulating system Max. oil flow (l/min) 2 x 472 at 1800 min ⁻¹ 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 Max. oil flow (l/min) 27 Working circuit pressure (MPa) 4.4 Boom Cylinders 300 Bore (mm) 1805 Arm Cylinders 210 Bore (mm) 2055 Bucket Cylinders 200 Bore (mm) 185 200 Stroke (mm) 1465 1450 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	HVDDAIII IO CVCTI	CB#	
Max. oil flow (I/min) 2 x 472 at 1800 min-1 Working circuit pressure 31.4 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 Max. oil flow (I/min) 27 Working circuit pressure (MPa) 4.4 Boom Cylinders 190 Bore (mm) 1805 Arm Cylinders 210 Stroke (mm) 2055 Bucket Cylinders 200 Bore (mm) 185 200 Stroke (mm) 1465 1450 SWING Maximum swing speed (min-1) 6.7 Swing torque (kNm) 241 UNDERCARRIAGE High travel speed (km/h) 3.0 Drawbar pull (KN) 449 Track shoes 650 mm, 750 mm or 900 mm			
Sow Stroke Sow Stroke Sow Stroke Sow Stroke Sow Stroke Stroke	Main pumps 2 vai	riable displacei	ment axial piston pumps
Sow Stroke Sow Stroke Sow Stroke Sow Stroke Sow Stroke Stroke		with regu	ılating system
Sow Stroke Sow Stroke Sow Stroke Sow Stroke Sow Stroke Stroke	Max. oil flow (I/min)	2 x 472	at 1800 min ⁻¹
Travel circuit (MPa)	Working Circuit pressure		
Travel circuit (MPa)	Boom/Arm/Bucket (MPa)		31.4
Travel circuit (MPa)	With auto power boost (MPa)		34.3
Travel circuit (MPa)	Swing circuit (MPa)		27.9
Max. oil flow (l/min) 27 Working circuit pressure (MPa) 4.4 Boom Cylinders 190 Stroke (mm) 1805 Arm Cylinders 210 Bore (mm) 2055 Bucket Cylinders 200 Bore (mm) 185 200 Stroke (mm) 1465 1450 SWING Maximum swing speed (min-1) 6.7 Swing torque (kNm) 241 UNDERCARRIAGE High travel speed (km/h) 3.0 Drawbar pull (KN) 449 Track shoes 650 mm, 750 mm or 900 mm	Iravel circuit (MPa)		34.3
Working circuit pressure (MPa) 4.4 Boom Cylinders 190 Stroke (mm) 1805 Arm Cylinders 210 Stroke (mm) 2055 Bucket Cylinders 200 Stroke (mm) 185 200 Stroke (mm) 1465 1450 SWING Maximum swing speed (min-1) 6.7 Swing torque (kNm) 241 UNDERCARRIAGE High travel speed (km/h) 3.0 Drawbar pull (KN) 449 Track shoes 650 mm, 750 mm or 900 mm	Pilot pump	1 ge	ear pump
Boom Cylinders Bore (mm)	Max. oil flow (I/min)	,	. 27
Bore (mm)			4.4
Stroke (mm) 1805 Arm Cylinders 210 Stroke (mm) 2055 Bucket Cylinders 200 Bore (mm) 185 200 Stroke (mm) 1465 1450 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			400
Arm Cylinders Bore (mm)	Bore (mm)		190
Bore (mm)			1805
Stroke (mm)			010
Bucket Cylinders Bore (mm)	Bore (mm)		.210
Bore (mm)	Stroke (mm)	·	2055
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	Bucket Cylinders	105	
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	Ctroke (mm)	185	200
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	Stroke (IIIII)	1405	1450
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	SWING		
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	Maximum swing speed (min-1)		6.7
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	Swing torque (kNm)		241
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	• ,		
Low travel speed (km/h) 3.0 Drawbar pull (KN) 449 Track shoes 650 mm, 750 mm or 900 mm			
Low travel speed (km/h) 3.0 Drawbar pull (KN) 449 Track shoes 650 mm, 750 mm or 900 mm	High travel speed (km/h)		4.3
Drawbar pull (KN) 449 Track shoes 650 mm, 750 mm or 900 mm double grouser shoes	Low travel speed (km/h)		3.0
Track shoes 650 mm, 750 mm or 900 mm double grouser shoes	Drawbar pull (KN)		449
double grouser shoes	Track shoes	_ 650 mm, 75	0 mm or 900 mm
		double g	rouser shoes

CX750D

CX750D ME

CIRCUIT AND COMPONENT CAPACITIES

Fuel tank (I)	900
Hydraulic system (I)	650
Hydraulic reservoir (I)	310
Adblue tank (I)	152

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 m 3 Heavy Duty bucket, 650 mm grouser shoes, operator, fluids, full fuel tank, and FOPS level 2 guard.

CX750D	Weight	Ground pressure
	72000 kg	0,106 MPa

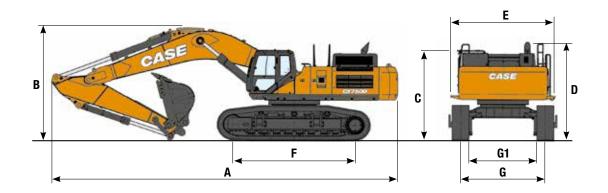
With 6.58 m Boom, 3.02 m Arm, 4.2 m 3 Rock bucket, 650 mm grouser shoes, operator, fluids, full fuel tank, and FOPS level 2 guard.

CX750D ME	Weight	Ground pressure
	72850 kg	0,107 MPa

Counterweight 10400 kg

SPECIFICATIONS

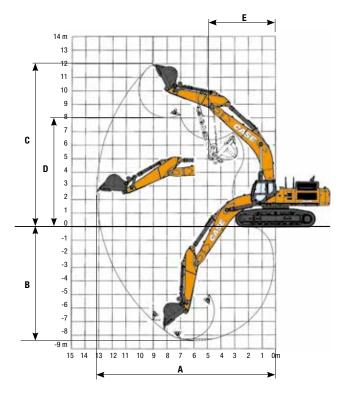
GENERAL DIMENSIONS



CX750D		Arm 3.55 m	Arm 3.02 m	Arm 4.11 m	Arm 5.00 m
A Overall lenght (with attachment)	mm	13370	13380	13350	13250
B Overall height (to top of boom)	mm	4320	4440	4590	5050
C Cab height	mm	3590	3590	3590	3590
D Overall height (to top of guardrail)	mm	3950	3950	3950	3950
Upper structure overall width (without catwalk)	mm	3700	3700	3700	3700
E Upper structure overall width (with catwalk)	mm	4170	4170	4170	4170
F Wheel base (center to center of wheels)	mm	4710	4710	4710	4710
G Track gauge (Extended)	mm	3350	3350	3350	3350
G1 Track gauge (Retracted)	mm	2740	2740	2740	2740
Undercarriage overall width (Extended) (with 650 mm shoes)	mm	4000	4000	4000	4000
Undercarriage overall width (Retracted) (with 650 mm shoes)	mm	3390	3390	3390	3390
Tail swing radius	mm	4050	4050	4050	4050

CX750D ME		Arm 3.02 m
A Overall lenght (with attachment)	mm	12250
B Overall height (to top of boom)	mm	4960
C Cab height	mm	3590
D Overall height (to top of guardrail)	mm	3950
Upper structure overall width (without catwalk)	mm	3700
E Upper structure overall width (with catwalk)	mm	4170
F Wheel base (center to center of wheels)	mm	4710
G Track gauge (Extended)	mm	3350
G1 Track gauge (Retracted)	mm	2740
Undercarriage overall width (Extended) (with 650 mm shoes)	mm	4000
Undercarriage overall width (Retracted) (with 650 mm shoes)	mm	3390
Tail swing radius	mm	4050

PERFORMANCE DATA



CX750D		Arm 3.55 m	Arm 3.02 m	Arm 4.11 m	Arm 5.00 m
Boom lenght	mm	7700	7700	7700	7700
Arm lenght	mm	3550	3020	4110	5000
A Maximum reach	mm	13070	12780	13630	14450
B Max digging depth	mm	8400	7870	8970	9850
C Max digging height	mm	11630	12100	11970	12280
D Max dumping height	mm	7810	8090	8110	8400
E Min. Swing radius	mm	5810	5830	5730	5710

CX750D ME		Arm 3.02 m
Boom lenght	mm	6580
Arm lenght	mm	3020
A Maximum reach	mm	11730
B Max digging depth	mm	7180
C Max digging height	mm	11060
D Max dumping height	mm	6990
E Min. Swing radius	mm	5150

DIGGING FORCE (ISO 6015)

CX750D		Arm 3.55 m	Arm 3.02 m	Arm 4.11 m	Arm 5.00 m
Arm digging force	kN	259	289	233	202
with auto power up	kN	283	316	254	220
Bucket digging force	kN	306	306	307	307
with auto power up	kN	334	334	335	335

CX750D ME		Arm 3.02 m
Arm digging force	kN	281
with auto power up	kN	307
Bucket digging force	kN	335
with auto power up	kN	366

CX D-SERIES CX750D - CX750D ME

CX750D

HEAVY DUTY BUCKETS (DIRECT MOUNT)

CAPACITY (ISO7451 HEAPED)	WIDTH	WEIGHT	ARM 3.02 m	ARM 3.55 m	ARM 4.11 m	ARM 5.00 m
2.70 m ³	1450 mm	3140 kg	0	0	0	•
3.00 m ³	1600 mm	3350 kg	0	0	•	
3.30 m ³	1750 mm	3510 kg	•	•		
3.60 m ³	1900 mm	3650 kg	•			×

ROCK BUCKETS (DIRECT MOUNT)

CAPACITY (IS07451 HEAPED)	WIDTH	WEIGHT	ARM 3.02 m	ARM 3.55 m	ARM 4.11 m	ARM 5.00 m
3.00 m ³	1600 mm	3590 kg	0	•	•	
3.30 m ³	1750 mm	3750 kg	•	•		×
3.60 m ³	1900 mm	3960 kg	•		×	×

O 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

CX750D ME

HEAVY DUTY BUCKETS (DIRECT MOUNT)

CAPACITY (IS07451 HEAPED)	WIDTH	WEIGHT	ARM 3.02 m
3.95 m ³	1850 mm	3750 kg	0
4.20 m ³	2000 mm	4000 kg	•
4.60 m ³	2200 mm	4200 kg	•

ROCK BUCKETS (DIRECT MOUNT)

CAPACITY (IS07451 HEAPED)	WIDTH	WEIGHT	ARM 3.02 m
3.95 m ³	1850 mm	3980 kg	0
4.20 m ³	2000 mm	4260 kg	•

O 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

[■] Rated material density up to 1.2 ton/m³ × Not applicable

LIFTING CAPACITY CX750D - CX750D ME

REACH													
Front.	2 m 4 m		6 m	8 m	10 m	12 m	At max reach						
Side		₩ #-	₽	₽ †	₽	₽	₽	m					

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

10.0 m													10120*	10120*	9.81
8.0 m									11750*	11750*			9640*	9640*	11.07
6.0 m									12330*	11670			9590*	8560	11.86
4.0 m					20040*	20040*	15670*	15670*	13350*	11140	11420*	8160	9890*	7840	12.27
2.0 m					24230*	22660	17780*	14800	14430*	10570	11350	7900	10550*	7540	12.34
0 m			12640*	12640*	26660*	21180	19270*	13950	14610	10090	11130	7690	11030	7610	12.08
-2.0 m	10800*	10800*	19940*	19940*	26930*	20550	19660*	13490	14330	9830			11810	8140	11.46
-4.0 m	19190*	19190*	29900*	29900*	25110*	20540	18550*	13420	13860*	9860			12860*	9360	10.42
-6.0 m	30330*	30330*	28620*	28620*	20640*	20640*	14910*	13810					12580*	12170	8.81

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

10.0 m												13150*	13150*	8.75
8.0 m									13230*	11740		12440*	11430	10.14
6.0 m							15150*	15150*	13540*	11510		12390*	9720	11
4.0 m					22380*	22380*	17070*	15620	14370*	11050		12560	8850	11.44
2.0 m					25980*	22170	18890*	14650	15100	10570		12170	8510	11.52
0 m					27430*	21110	19930*	13990	14710	10210		12440	8660	11.24
-2.0 m	11940*	11940*	21000*	21000*	26700*	20820	19720*	13700	14580	10080		13520	9380	10.57
-4.0 m	23290*	23290*	32680*	32680*	23800*	21040	17700*	13810				13890*	11120	9.43
-6.0 m			23400*	23400*	17620*	17620*						12870*	12870*	7.6

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

8.0 m											14220*	12640	9.49
6.0 m						15990*	15990*	14220*	11340		14030*	10570	10.41
4.0 m				23650*	23610	17780*	153902	14890*	10940		13550	9550	10.87
2.0 m				26770*	21840	19390*	14510	15040	10510		13120	9180	10.95
0 m				27520*	21040	20110*	13950	14730	10220		13460	9370	10.65
-2.0 m		22940*	22940*	26130*	20920	19470*	13770				14740*	10280	9.95
-4.0 m		29730*	29730*	22510*	21290	16680*	14020				14550*	12520	8.73
-6.0 m				14840*	14840*						12720*	12720*	6.71

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

				_	•								
10.0 m											16360*	16360*	7.58
8.0 m						15630*	15630*				15220*	13150	9.16
6.0 m				20680*	20680*	16680*	16050	14860*	11120		14820*	10910	10.1
4.0 m				24650*	23000	18320*	15130	15290*	10800		14010	9850	10.58
2.0 m				27210*	21440	19690*	14320	14940	10420		13580	9490	10.67
0 m				27230*	20880	20080*	13850	14720	10210		14020	9760	10.36
-2.0 m		19010*	19010*	25240*	20390	18990*	13780				14670*	10820	9.63
-4.0 m		26380*	26380*	20910*	20910*	15170*	14210				13820*	13470	8.36

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

8.0 m											16730*	16730*	7.78
6.0 m							17720*	16520			16020*	13800	8.88
4.0 m					24190*	24190*	19020*	15810			16310*	12170	9.42
2.0 m					27400	22900	20360*	15050			16580	11650	9.51
0 m					28270*	21990	20690*	14550			17280	12060	9.17
-2.0 m	22530*	22530*	37070*	37070*	26240*	21840	18690*	14520			17350*	13790	8.33
-4.0 m			27620*	27620*	19740*	19740*					15970*	15970*	6.82

^{*} 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.

EXPERTS FOR THE REAL WORLD SINCE 1842





CNH INDUSTRIAL
DEUTSCHLAND GMBH
Case Baumaschinen
Benzstr. 1-3 - D-74076 Heilbronn
DEUTSCHLAND

CNH INDUSTRIAL MAQUINARIA SPAIN, S.A. Avenida Aragón 402 28022 Madrid - ESPAÑA CNH INDUSTRIAL FRANCE, S.A. 16-18 Rue des Rochettes 91150 Morigny-Champigny FRANCE

CNH INDUSTRIAL ITALIA SPA Lungo Stura Lazio 19 10156, Torino ITALIA CASE CONSTRUCTION EQUIPMENT Cranes Farm Rd Basildon - SS14 3AD UNITED KINGDOM

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.