# **D-SERIES CRAWLER EXCAVATORS**

**CX250D I CX300D** 





# 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.

# CRAWLER EXCAVATORS D-NA BUILT TO LAST AND CONTROL





# **HIGH RELIABILITY**

## Improved D-esign for D-urable perfomances

- The boom and arm have been re-designed according to the latest stress analysis criteria, to reduce stress points while maintaining weight optimization to ensure the best lifting performance.
- New high strength casting parts with joined hinge flanges reduce stress and increase durability.
- The undercarriage has been re-designed and re-shaped to facilitate the welding process, enhancing the reliability of the fabricated structures.
- The One-Side-Slope lower frame design reduces the time needed to clean the undercarriage.
- The thickness of the structural plates has been increased, especially in those parts where a high level of protection is required for components.

## **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.
- Wide choice of arm solutions, including the Heavy-Duty arm with reinforcement plate and bars on the bottom side.
- Standard Heavy-Duty boom and arm on the CX370D.



# **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 VERSATILITY**

Working modes easily adapt to every work load

The familiar working mode systems offers 3 power modes to match different customer needs.

- A MODE: for grading, lifting and precision work.
- H MODE: the best balance between productivity and fuel economy.
- 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.



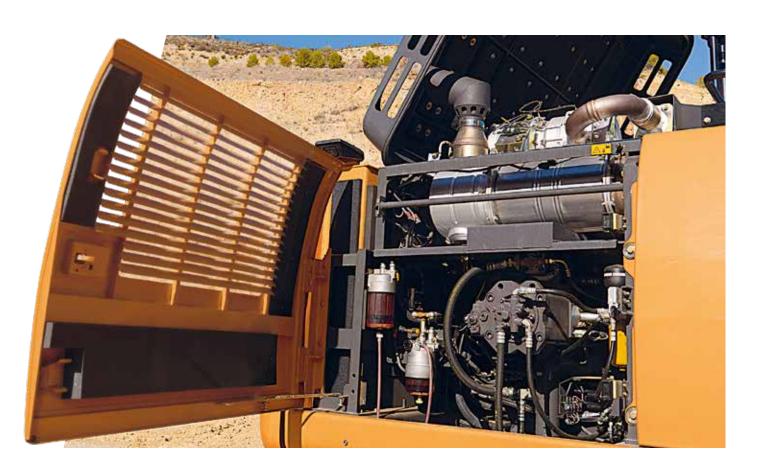
# **FAST CYCLES**

# High Performance Hydraulics control

- The new electrically controlled pumps and a bigger main control valve 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 up to 12% faster than the previous generation.

# PRODUCTIVITY

# **BIGGER PERFORMANCE**





## **HIGH EFFICIENCY**

### Great performances with low fuel consumption

CASE advanced energy management provides solid fuel saving opportunities and lower emissions and helps to prolong the life of the machine. 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/monitor main pump loads.
- Boom Economy Control (BEC) increased fuel efficiency during boom lower and swing operations, like dump unloading.
- Swing Relief Control (SWC) carefully manages the hydraulic power distribution in slewing operations to deliver the most efficient flow and pressure.
- 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.



# **CLEAN AND MAINTENANCE-FREE POWER**

# EU STAGE IV/TIER4 FINAL compliant CASE engines

- Maintenance-free SCR and DOC-only solution.
- No Diesel Particulate Filter (DPF) or regeneration are required as no solid particles remain trapped into the system, resulting in maximum uptime and lower operating costs.
- The high engine efficiency of the latest generation, electronically controlled, high pressure common rail with multiinjection engine ensures great performance and low fuel consumption.
- CASE adds a Variable Geometry Turbocharger to ensure a fast transient response of the engine while minimizing fluid consumption".
- The largest Adblue tank in the industry allows the lowest frequency of Adblue refilling and thus a great operator autonomy.

# D-SERIES CRAWLER EXCAVATORS



# COMFORT RULES FIRST CLASS CAB AND SEAT



# D-SERIES CRAWLER EXCAVATORS





# **SAFE OPERATION**

## ROPS Cab and FOPS level II

A safe working environment for the operator:

- Reinforced structure of the cab compliant with ROPS/FOPS requirements.
- Standard head protection approved to FOPS Level 2.
- Wide offering of optional front guards.
- Optional factory fitted travel alarm for greater safety on the jobsite around the machine.



# **OUTSTANDING VISIBILITY**

## Safety-minded cab structure

Cab designed to create a perceptibly safe and secure working environment:

- · Ample glazed surface.
- Rear and side view camera.
- Unique 178 mm LED monitor with continuous camera view.
- Efficient use of space with grouped engine, cooling and after-treatment systems to provide excellent rear visibility.
- Optional LED lighting package provides a deeper and wider visibility coverage of the area around the machine when working after dark.



# **SAFETY AND MAINTENANCE**

# **WORK SAFELY IN ALL CONDITIONS**





# **SAFE ACCESS TO UPPERCARRIAGE**

## Solid and robust platform and handrails

- Wide, robust and comfortable steps or 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 supported by 2 gas pistons and secured by 2 mechanical stops when open.
- · A wide platform (up to 60 cm) on top of the engine compartment to work safely on the engine box.



# **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 cores mounted side by side for easy access for cleaning and more efficient cooling.
- Standard100 I/min refueling pump with automatic cut off reduces downtime for regular fills.
- Optional hydraulic and engine oil sampling port accessible at ground level 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**



#### **HIGH EFFICIENCY**

- Energy saving system to take advantage of all fuel saving opportunities: up to 8% more fuel efficiency
- High levels of AdBlue autonomy with larger AdBlue tank and low additive consumption



# HIGH PRECISION AND CONTROLLABILITY

CASE Intelligent Hydraulic System (CIHS) Synonymous with high performance smooth control.



### **HIGH RELIABILITY**

Reliability and durability thanks to the new redesigned arm, boom and undercarriage.



### **FAST CYCLES**

- New electronically controlled hydraulic pumps
- New larger main valve



# 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.
- 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.





# STANDARD AND OPTIONS

#### STANDARD EOUIPMENT

Isuzu 4 cylinders (CX250D), 6 cylinders (CX300D)

turbo-charged diesel

Tier 4 Final/EU stage IV Certified

Selective Catalytic Reduction (SCR)

Diesel Oxidation Catalyst (DOC)

Cooled Exhaust Gas Recirculation (CEGR)

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

High ambient temperature cooling package

External Fuel and AdBlue gauges

Fuel cooler

Fuel filter restriction indicator

Fuel shut-off valve

Idle start

Radiator, oil cooler, intercooler – protective Screen

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

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)

Lifting eyes for counterweight

Lockable fuel cap, service doors and toolbox

Rear and side view safety camera

#### **OPERATOR STATION**

**ROPS** protection

FOPS guard OPG level II

Pressurized cab

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

Auxiliary select system

Aux-in port for personal electronics

Multifunction LED color monitor (180 mm)

26 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

Clear (Lexan) roof window w/sunshade

Storage compartments

On-board diagnostic system

#### **ATTACHMENTS**

Standard boom 5850 mm (CX250D)

10300 mm (CX250D LR)

Standard boom 6150 mm (CX300D)

CX250D: arm 3.0 m

CX250D LR: arm 8.0 m

CX300D: arm 3.2 m

Auxiliary pipe brackets

Centralized lube bank

Attachment cushion valve

#### **UNDERCARRIAGE**

600 mm steel triple grouser shoes

Sealed link chain

Lashing points

#### **OPTIONAL EQUIPMENT**

#### **HYDRAULICS**

Clamshell circuit

Low-flow circuit, proportional control

Single acting pedal activated hammer circuit

Single acting hammer circuit with electrical proportional control

proportional control

Multifunction (hammer/high flow) circuit with electrical

#### **ATTACHMENTS**

CX250D: arm 2.5 m: 3.52 m CX300D: 2.65 m: 3.7 m

Hydraulic quick coupler provision

Safety valves and bucket linkage with hook Heavy Duty Bucket link without hook

#### **OPERATOR STATION**

Air suspension heated and tilt seat

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

Side view camera with LED lights (right and left) CMVM (Case Maxi View Monitor)

#### **UNDERCARRIAGE**

700 mm steel triple grouser shoes 800 mm steel triple grouser shoes (all models versions except CX250D LR) 900 mm steel triple grouser shoes (only for CX300D LC and CX250D LR) Track guide single

#### **TELEMATICS AND OTHERS**

Three years SiteWatch "Advanced" subscription with remote monitoring and one user's licence Pre cleaner /cyclone type (except for CX250D LR) Engine oil and hydraulic oil sample port Reversible Variable angle fan (only for CX250D LR)

# CX D-SERIES CX250D LC-NLC

#### **ENGINE**

Model	ISUZU AQ-4HK1X
Type	Water-cooled, 4-cycle
diesel, 4-cylinder in line, High	h pressure common rail system (electric
control), Turbocharger	with air cooled intercooler, SCR system.
Number of cylinders / Displacement (I)	4 / 5,52
Emissions level	Tier 4 final / Eu stage IV
Bore & stroke (mm)	
Rated flywheel horse power	
SAE J1349, ISO 9249	132.1 kW / 177 hp at 2000 min <sup>-1</sup>
ISO 14396	140 kW / 188 hp at 2000 min <sup>-1</sup>
Maximum torque	•
SAE J 1349, ISO 9249	621 N-m at 1800 min <sup>-1</sup>
ISO 14396	642 N-m at 1800 min <sup>-1</sup>
HADDVIII IC GAGLEM	

ISO 14396	642 N-m at 1800 min <sup>-1</sup>
HYDRAULIC SYS	TEM
Main pumps	2 variable displacement axial piston pumps with
regulating system	0 004 1/25; + 0000 : 1
Working circuit pressure	2 x 234 l/min at 2000 min <sup>-1</sup>
	34.3 MPa - 37.3 MPa with auto power boost
Swing circuit	28.9 MPa
Travel circuit	34.3 MPa
Pilot pump	1 gear pump
Max. oil flow (I/min)	20
Working circuit pressure	3.9 MPa
Boom Cylinders	
Bore	130 mm
Stroke	1335 mm
Arm Cylinder	
Bore	145 mm
Stroke	1660 mm
Bucket Cylinaer	
Bore	130 mm
Stroke	1070 mm

#### **SWING**

Swing Motor	Fixed displacement axial piston motor
Maximum swing speed	10.6 min <sup>-1</sup>
Swing torque	74,900 Nm

#### **PERFORMANCE DATA**

		Arm	Arm	Arm
		3.00 m	2.50 m	3.52 m
Boom length	mm	5850	5850	5850
Bucket radius	mm	1570	1570	1570
Bucket wrist action	0	175°	175°	175°
A Maximum reach at GRP	mm	10100	9630	10620
B Maximum reach	mm	10280	9820	10790
C Max. digging depth	mm	6900	6400	7420
D Max. digging height	mm	9760	9560	10070
E Max. dumping height	mm	6760	6550	7060
F Min. swing radius	mm	4030	3980	4050

## **DIGGING FORCE (ISO 6015)**

		Arm 3.00 m	Arm 2.50 m	Arm 3.52 m
Arm digging force	kN	120	141	107
with Auto power boost	kN	130	153	116
Bucket digging force	kN	162	162	162
with Auto power boost	kN	176	176	176

#### **FILTERS**

Suction filter	105 μm
Return filter	6 μm
Pilot line filter	8 μm

#### **ELECTRICAL SYSTEM**

Voltage	24 V
Alternator	50 Amp
Starter	24 V 5.0 kW
Battery	2X12V 128 Ah/5 HR

#### **UNDERCARRIAGE**

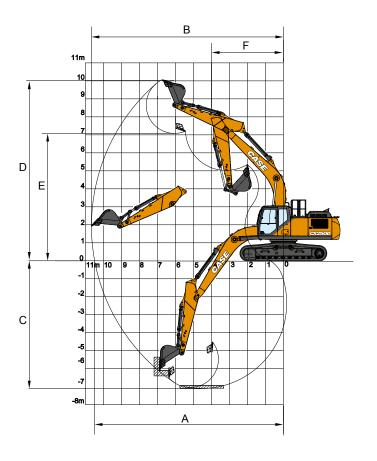
Travel motorV	ariable displacement axial piston motor
	peed shifting) (km/h) 5.5
Low travel speed (km/h)	3.5
Drawbar pull (KN)	200
Number of carrier rollers (each side)	2
Number of track rollers (each side)	9
Number of shoes (each side)	51
Type of shoes	Triple grouser shoes
Grade ability	70 % (35°)
•	, ,

#### **SOUND LEVEL**

External guaranteed sound level	
(EU Directive 2000/14/EC)	LwA 102 dB(A)
Operator cab sound pressure level (ISO 6396)	LpA 70 dB(A)

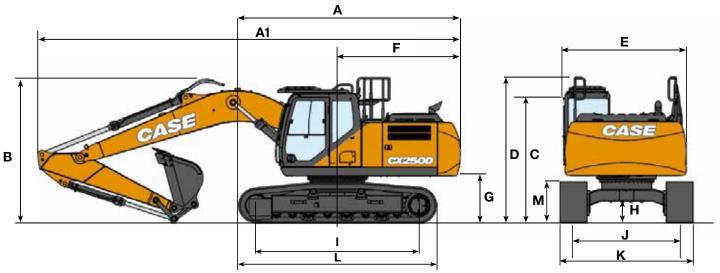
#### **CIRCUIT AND COMPONENT CAPACITIES**

Fuel tank_	410
Hydraulic system	250 l
Hydraulic tank	147 I
Adblue tank	120 l



# **SPECIFICATIONS**

# **GENERAL DIMENSIONS**



		Arm 3.00 m	HD arm 2.50 m	Arm 3.52 m
A Overall length (without attachment)	mm	5270	5270	5270
A1 Overall length (with attachment)	mm	9880	9950	9910
B Overall height (to top of boom)	mm	3200	3350	3360
C Cab height	mm	3130	3130	3130
D Overall height (to top of guardrail)	mm	3340	3340	3340
E Upper structure overall width (LC/NLC)	mm	2770	2770	2770
F Swing (rear end radius)	mm	2950	2950	2950
G Clearance height under upper structure	mm	1100	1100	1100
H Minimum ground clearance	mm	440	440	440
I Wheel base (Center to center of wheels)	mm	3840	3840	3840
L Crawler overall length	mm	4650	4650	4650
M Crawler tracks height	mm	940	940	940
J Track gauge (LC/NLC)	mm	2590 / 2390	2590 / 2390	2590 / 2390
K Undercarriage overall width (LC/NLC with 600 mm shoes)	mm	3190 / 2990	3190 / 2990	3190 / 2990

#### **WEIGHT AND GROUND PRESSURE**

With 3.00 m Arm, 1.1  $\,m^3$  bucket, operator, lubricant, coolant, full fuel tank and FOPS protection level 2.

LC	Weight	<b>Ground pressure</b>
600 mm grouser shoes	25.400 kg	0.050 MPa
700 mm grouser shoes	25.700 kg	0.044 MPa
800 mm grouser shoes	26.000 kg	0.039 MPa
900 mm grouser shoes	26.400 kg	0.035 MPa

NLC	Weight	<b>Ground pressure</b>
600 mm grouser shoes	25.300 kg	0.050 MPa
700 mm grouser shoes	25.600 kg	0.043 MPa

Counterweight 5.220 kg

# LIFTING CAPACITY CX250D LC-NLC

2.					REACH				
	0 m	4.0	) m	1	) m	8.0	) m	I.	x reach
ļΝ	-	Ψ	-	Ψ	<b>#</b>	Ψ	<b>#</b>	Ψ	<b>#</b>
RCARRIA	AGE - Stand	lard arm 3.0	00 m, 600 ı	mm shoes,	max reach	8.71 m			
				5560*	5560*			4700*	4700*
								4200*	4200*
				7600*	6790	6290	4360	4120*	3980
		14220*	11460	9140*	6360	6120	4200	4320*	3700
		16030*	10880	9150	6050	5980	4070	4850*	3750
10350*	10350*	15580*	10820	9040	5950			6000*	4220
19880*	19880*	13140*	11070	8620*	6100			7770*	5660
RCARRIA	AGE - Short	arm 2.50 n	n, 600 mm	shoes, max	x reach 8.2	25 m			
								6920*	6920*
				7100*	7020			6070*	5260
		11180*	11180*	8120*	6700			5950*	4320
		4.04-	400.5	9420	6290	6090	4180	5820	4000
10000+	10000+	14210*	10840	9130	6030	6000	4090	5980	4080
10880*	10880*	15100*	10880	9080	5980			6910	4680
		11990*	11220					8000*	6670
₹CARRIA	AGE - Long	arm 3.52 m	, 600 mm	shoes, max	reach 9.2	1 m			
								3740*	3740*
						4500*	4480	3370*	3370*
				6980*	6870	6270*	4380	3300*	3300*
		13130*	11660	8630*	6390	6110	4190	3440*	3370
22224	20004	15640*	10860	9140	6020	5940	4030	3810*	3400
9280* 16710*	9280* 16710*	15790*	10690 10860	8960 9040	5870 5940	5880	3970	4580*	3770
		13980*						6460*	4820
ERCARR	IAGE - Star	ndard arm 3	8.00 m, 600	) mm shoes	s, max read	ch 8.71 m			
				5560*	5560*			4700*	4700*
								4200*	4200*
				7600*	6240	6270	4010	4120*	3650
		1/220	10330	9140*	5820	6100	3850	4320*	3390
		14220*		0400			0700	4050+	0.400
10250*	10250*	16030*	9770	9130	5510	5960	3730	4850*	3430
10350*	10350*	16030* 15580*	9770 9720	9010	5510 5420		3730	6000	3860
19880*	19880*	16030* 15580* 13140*	9770 9720 9960	9010 8620	5510 5420 5570	5960	3730		
19880*	19880*	16030* 15580*	9770 9720 9960	9010 8620	5510 5420 5570	5960	3730	6000 7770*	3860 5170
19880*	19880*	16030* 15580* 13140*	9770 9720 9960	9010 8620 <b>m shoes, m</b>	5510 5420 5570 ax reach 8	5960	3730	6000 7770*	3860 5170 6920*
19880*	19880*	16030* 15580* 13140* rt arm 2.50	9770 9720 9960 <b>m, 600 mr</b>	9010 8620 <b>m shoes, m</b>	5510 5420 5570 <b>ax reach 8</b>	5960	3730	6000 7770* 6920* 6070*	3860 5170 6920* 4840
19880*	19880*	16030* 15580* 13140*	9770 9720 9960	9010 8620 <b>m shoes, m</b> 7100* 8120*	5510 5420 5570 <b>ax reach 8</b> 6470 6150	.25 m		6000 7770* 6920* 6070* 5950*	3860 5170 6920* 4840 3970
19880*	19880*	16030* 15580* 13140* rt arm 2.50	9770 9720 9960 <b>m, 600 mr</b>	9010 8620 <b>m shoes, m</b> 7100* 8120* 9400	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750	.25 m	3830	6920* 6970* 6920* 5950* 5800	3860 5170 6920* 4840 3970 3660
19880*	19880*	16030* 15580* 13140* rt arm 2.50	9770 9720 9960 <b>m, 600 mr</b>	9010 8620 <b>m shoes, m</b> 7100* 8120*	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750 5490	.25 m		6000 7770* 6920* 6070* 5950*	3860 5170 6920* 4840 3970
19880* ERCARR	19880*  IAGE - Sho	16030* 15580* 13140*  rt arm 2.50  11180*	9770 9720 9960 <b>m, 600 mr</b> 11180*	9010 8620 <b>m shoes, m</b> 7100* 8120* 9400 9100	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750	.25 m	3830	6000 7770* 6920* 6070* 5950* 5800 5960	3860 5170 6920* 4840 3970 3660 3730
19880* ERCARR	19880* IAGE - Sho	16030* 15580* 13140*  rt arm 2.50  11180*  14210* 15100* 11190*	9770 9720 9960 <b>m, 600 mr</b> 11180* 9740 9780 10100	9010 8620 <b>m shoes, m</b> 7100* 8120* 9400 9100 9050	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750 5490 5450	.25 m 6070 5980	3830	6000 7770* 6920* 6070* 5950* 5800 5960 6890	3860 5170 6920* 4840 3970 3660 3730 4280
19880* ERCARR	19880* IAGE - Sho	16030* 15580* 13140*  rt arm 2.50  11180*  14210* 15100*	9770 9720 9960 <b>m, 600 mr</b> 11180* 9740 9780 10100	9010 8620 <b>m shoes, m</b> 7100* 8120* 9400 9100 9050	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750 5490 5450	.25 m 6070 5980	3830	6000 7770* 6920* 6070* 5950* 5800 5960 6890	3860 5170 6920* 4840 3970 3660 3730 4280
19880* ERCARR	19880* IAGE - Sho	16030* 15580* 13140*  rt arm 2.50  11180*  14210* 15100* 11190*	9770 9720 9960 <b>m, 600 mr</b> 11180* 9740 9780 10100	9010 8620 <b>m shoes, m</b> 7100* 8120* 9400 9100 9050	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750 5490 5450	.25 m 6070 5980	3830	6920* 6920* 6070* 5950* 5800 5960 6890 8000*	3860 5170 6920* 4840 3970 3660 3730 4280 6090
19880* ERCARR	19880* IAGE - Sho	16030* 15580* 13140*  rt arm 2.50  11180*  14210* 15100* 11190*	9770 9720 9960 <b>m, 600 mr</b> 11180* 9740 9780 10100	9010 8620 <b>m shoes, m</b> 7100* 8120* 9400 9100 9050	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750 5490 5450	5960  .25 m  6070 5980	3830 3740	6920* 6920* 6070* 5950* 5800 5960 6890 8000*	3860 5170 6920* 4840 3970 3660 3730 4280 6090
19880* ERCARR	19880* IAGE - Sho	16030* 15580* 13140*  rt arm 2.50  11180*  14210* 15100* 11190*	9770 9720 9960 <b>m, 600 mr</b> 11180* 9740 9780 10100	9010 8620 m shoes, m 7100* 8120* 9400 9100 9050 n shoes, ma	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750 5490 5450 <b>ax reach 9</b> .	.25 m 6070 5980 21 m	3830 3740 4120	6000 7770* 6920* 6070* 5950* 5800 5960 6890 8000* 3740* 3370*	3860 5170 6920* 4840 3970 3660 3730 4280 6090 3740* 3370*
19880* ERCARR	19880* IAGE - Sho	16030* 15580* 13140*  rt arm 2.50  11180*  14210* 15100* 11990*  g arm 3.52	9770 9720 9960 <b>m, 600 mr</b> 11180* 9740 9780 10100 <b>m, 600 mn</b>	9010 8620 m shoes, m 7100* 8120* 9400 9100 9050 n shoes, ma	5510 5420 5570 <b>ax reach 8</b> 6470 6150 5750 5490 5450 <b>ax reach 9.</b>	5960  .25 m  6070 5980  21 m  4500* 6270*	3830 3740 4120 4020	6000 7770* 6920* 6070* 5950* 5800 5960 6890 8000* 3740* 3370* 3300*	3860 5170 6920* 4840 3970 3660 3730 4280 6090 3740* 3370* 3300*

<sup>\*</sup> 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.

5410

6460\*

4410

7.05

9020

-4.0 m

16710\*

16710\*

13980\*

9750

# BUCKETS CX250D LC-NLC

#### CX250D LC

#### **HEAVY DUTY BUCKET (PIN ON)**

CAPACITY m <sup>3</sup> (ISO7451 HEAPED)	WIDTH mm	WEIGHT kg	ARM 2.50 m	ARM 3.00 m	ARM 3.52 m
0.48	600	710	0	0	0
0.66	750	790	0	0	0
0.84	900	880	0	0	0
1.06	1100	1020	0	0	•
1.20	1200	1030	0	•	
1.40	1350	1120	•		×
1.62	1500	1200			×
1.85(*)	1700	1320		×	×

#### (\*) not suitable for digging application

#### **ROCK BUCKET (PIN ON)**

0.48	600	780	0	0	0
0.66	750	840	0	0	0
0.84	900	920	0	0	0
1.06	1100	1050	0	0	•
1.20	1200	1080	0	•	
1.40	1350	1180	•		×
1.62	1500	1250			×

#### **DITCH CLEANING BUCKET (PIN ON)**

0.89 (**)	1020	760	0	0	0
	1830	910 (*)	0	0	0
1.48 (**)	2130 -	830	•	•	
		1020 (*)	•		

#### **TILTABLE DITCH CLEANING BUCKET (PIN ON)**

1.13	1800	1100	0	•	
1.26	2000	1160	•		×
1.39	2200	1250			×
1.51	2400	1310		×	×
1.58	2500	1370		×	×

Tilt angle  $45^{\circ}$  L/R - Connect to Low-Flow Auxiliary Hydraulic Circuit

#### **HD SCOOP BUCKET (QUICK COUPLED)**

0.48	600	710	0	0	0
0.66	750	770	0	0	0
0.84	900	860	0	0	•
1.06	1100	960	0	•	
1.20	1200	1020	•		×
1.40	1350	1100			×
1.62	1500	1180		×	×

#### **ROCK SCOOP BUCKET (QUICK COUPLED)**

0.48	600	760	0	0	0
0.66	750	820	0	0	0
0.84	900	910	0	0	
1.06	1100	1020	•	•	×
1.20	1200	1060	•		×
1.40	1350	1160		X	X

#### **FP DITCH CLEANING BUCKET (QUICK COUPLED)**

0.89 (**)	1830	810	0	0	•
	1030	970 (*)	0	0	
1.40	2120	890			×
1.48	2130	1080 (*)		×	×

#### CX250D NLC

#### **HEAVY DUTY BUCKET (PIN ON)**

CAPACITY m³ (ISO7451 HEAPED)	WIDTH mm	WEIGHT kg	ARM 2.50 m	ARM 3.00 m	ARM 3.52 m
0.48	600	710	0	0	0
0.66	750	790	0	0	0
0.84	900	880	0	0	0
1.06	1100	1020	0	•	
1.20	1200	1030	•	•	
1.40	1350	1120	•		×
1.62	1500	1200		×	×

#### **ROCK BUCKET (PIN ON)**

600	780	0	0	0
750	840	0	0	0
900	920	0	0	0
1100	1050	0	•	
1200	1080	•	•	
1350	1180			×
1500	1250		×	×
	750 900 1100 1200 1350	750 840 900 920 1100 1050 1200 1080 1350 1180	750 840 ○ 900 920 ○ 1100 1050 ○ 1200 1080 ● 1350 1180 ■	750 840 ○ ○ 900 920 ○ ○ 1100 1050 ○ ● 1200 1080 ● ■

#### **DITCH CLEANING BUCKET (PIN ON)**

0.89 (**)	1020	760	0	0	0
	1830	910 (*)	0	0	0
1 //0 (**)	2130	830	•		
1.48 (**)		1020 (*)			×

#### **TILTABLE DITCH CLEANING BUCKET (PIN ON)**

1.13	1800	1100	•	•	
1.26	2000	1160			×
1.39	2200	1250			×
1.51	2400	1310		×	×

Tilt angle 45° L/R - Connect to Low-Flow Auxiliary Hydraulic Circuit

#### **HD SCOOP BUCKET (QUICK COUPLED)**

0.48	600	710	0	0	0
0.66	750	770	0	0	0
0.84	900	860	0	0	
1.06	1100	960	•		×
1.20	1200	1020			×
1.40	1350	1100		×	×

#### **ROCK SCOOP BUCKET (QUICK COUPLED)**

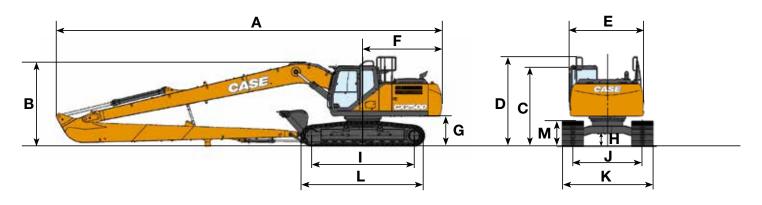
0.48	600	760	0	0	0
0.66	750	820	0	0	0
0.84	900	910	0	0	
1.06	1100	1020	•		×
1.20	1200	1060			×
1.40	1350	1160		×	×

#### FP DITCH CLEANING BUCKET (QUICK COUPLED)

	0.89 (**)	1830	810	0	0	
		1030	970 (*)	0	•	
1.48	2130	890		X	×	
	2130	1080 (*)		X	×	

# CX D-SERIES CX250D LONG REACH

#### **GENERAL DIMENSIONS**



#### Arm 8.00 m

Overall length (without attachment)	mm	5270
A Overall length (with attachment)	mm	14380
B Overall height (to top of boom)	mm	3130
C Cab height	mm	3020
D Overall height (to top of handrail)	mm	3220
E Upper structure overall width	mm	2770
F Swing (rear end radius)	mm	2950
G Clearance height under upper structure	mm	1100
H Minimum ground clearance	mm	440
I Wheel base (Center to center of wheels)	mm	3840
L Crawler overall length	mm	4650
M Crawler tracks height	mm	940
J Track gauge	mm	2590
K Undercarriage overall width (LC with 800 mm shoes)	mm	3390

#### **PERFORMANCE DATA**

		Arm 8.00 m
Boom length	mm	10300
Bucket radius	mm	1200
Bucket wrist action	0	178
A Maximum reach at GRP	mm	18220
B Maximum reach	mm	18320
C Max. digging depth	mm	14560
D Max. digging height	mm	13950
E Max. dumping height	mm	11780
F Min. swing radius	mm	6220

#### **WEIGHT AND GROUND PRESSURE**

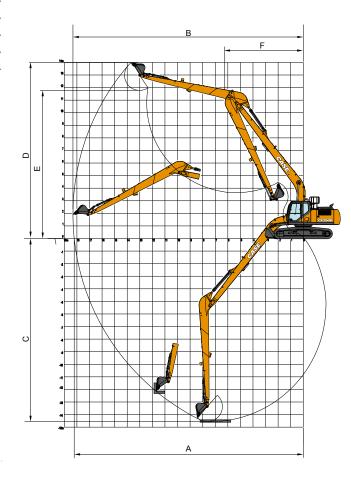
With 8.00 m Arm, 0.37  $\mbox{m}^{3}$  bucket, operator, lubricant, coolant, full fuel tank and FOPS protection level 2.

	Weight	<b>Ground pressure</b>
800 mm grouser shoes	28.100 kg	0.042 MPa

Counterweight 7.350 kg

## **DIGGING FORCE (ISO 6015)**

	Arm 8.00 m
Arm digging force	40.0 kN
Bucket digging force	77 kN



# LIFTING CAPACITY **CX250D LONG REACH**

Front		REACH																			
Front	0.0	m	2.0	) m	4.0	0 m	6.	0 m	8.	0 m	10	0 m	12.	.0 m	14.	.0 m	16.	.0 m	At ma	k reach	
Side	ابا	<b>#</b>	Į	<del>  </del>  -	Įμ	<del>-</del>	Ψ	<b>*</b>	ļμ	<b>†</b>	ļμ	<del></del> -	ļ	<del>  </del>  -	ļμ	<del>-</del>	ļΨ	<del>-</del>	Į	<b>#</b>	m

#### LR UNDERCARRIAGE - Super long arm 8.00 m, 800 mm shoes, max reach 17.10 m

12.0 m																			1750*	1750*	13.79
10.0 m															1980*	1980*			1700*	1700*	15.06
8.0 m															2040*	2040*			1700*	1700*	15.98
6.0 m													2260*	2260*	2170*	2170*	2120*	1660	1730*	1510	16.61
4.0 m											2830*	2830*	2540*	2540*	2340*	2090	2220*	1580	1790*	1370	16.98
2.0 m					4250*	4250*	5590*	5590*	4090*	4090*	3310*	3310*	2850*	2550	2550*	1940	2330	1490	1900*	1280	17.11
0 m					2400*	2400*	6850*	6000	4830*	4150	3780*	3060	3160*	2330	2750*	1800	2240	1400	2010	1240	17.01
-2.0 m			1530*	1530*	2600*	2600*	5540*	5410	5400*	3740	4170*	2780	3350	2140	2670	1680	2170	1330	2030	1240	16.66
-4.0 m	2050*	2050*	2260*	2260*	3200*	3200*	5560*	5150	5630	3510	4140	2600	3220	2020	2580	1600	2130	1300	2120	1290	16.06
-6.0 m	2670*	2670*	3020*	3020*	4000*	4000*	6260*	5100	5530	3420	4050	2520	3150	1950	2550	1570			2290	1400	15.17
-8.0 m	3360*	3360*	3850*	3850*	4980*	4980*	7460*	5200	5560	3440	4060	2520	3160	1960					2600	1620	13.97
-10.0 m			4810*	4810*	6120*	6120*	7140*	5420	5390*	3570	4160	2620	3270	2070					3190	2020	12.26
-12.0 m					7880*	7880*	5950*	5790	4520*	3840									3470*	2890	9.91

# **BUCKETS CX250D LONG REACH**

#### **GENERAL PURPOSE BUCKET (PIN ON)**

CAPACITY m <sup>3</sup> (ISO7451 HEAPED)	WIDTH mm	WEIGHT kg	ARM 8.00 m
0.21	450	250	0
0.31	600	290	0
0.41	750	330	0
0.52	900	360	•

#### **GP SCOOP BUCKET (QUICK COUPLED)**

CAPACITY m <sup>3</sup> (ISO7451 HEAPED)	WIDTH mm	WEIGHT kg	ARM 8.00 m
0.21	450	250	0
0.31	600	280	0
0.41	750	310	0
0.52	900	360	

#### **DITCH CLEANING BUCKET (PIN ON)**

(**) 0.54	1830	350	•
		4810 (*)	•

#### **FP DITCH CLEANING BUCKET (QUICK COUPLED)**

(**\ O 54	1020	370	
( ) 0.54	1030	500 (*)	

#### **TILTABLE DITCH CLEANING BUCKET (PIN ON)**

0.46 1500 640 ■				
	0.46	1500	640	

Tilt angle 45° L/R - Connect to Low-Flow Auxiliary Hydraulic Circuit

# **CX D-SERIES CX300D LC-NLC**

#### **ENGINE**

Model	ISUZU AQ-6HK1X
Type	Water-cooled, 4-cycle
diesel, 6-cylinder in line, High pressur	re common rail system (electric
control), Turbocharger with air cooled i	
Number of cylinders / Displacement	6/7,791
Bore & stroke	115 mm x 125 mm
Rated flywheel horse power	
SAE J1349, ISO 9249	
ISO 14396	_ 161 kW / 216 hp at 1800 min-1
Maximum torque	-
SAE J 1349, ISO 9249	849 Nm at 1500 min <sup>-1</sup>
ISO 14396	880 Nm at 1500 min <sup>-1</sup>

HYDRAULIC SYSTEM
Main pumps2 variable displacement axial piston pumps with regulating system
Max. oil flow 2 x 243 liter/min at 1800 min <sup>-1</sup>
Working circuit pressure
Boom/Arm/Bucket _ 34.3 MPa - 37.3 MPa with auto power boost
Swing circuit 30.4 MPa
Travel circuit 34.3 MPa
Pilot pump27 liter/min
Working circuit pressure3.9 MPa
Boom Cylinders
Bore140 mm
Stroke 1369 mm
Arm Cylinder
Bore150 mm
Stroke1650 mm
Bucket Cylinder
Bore135 mm
Stroke 1078 mm
OWING

#### **SWING**

Swing Motor	_ Fixed displacement axial piston motor
Maximum swing speed	10.0 min <sup>-1</sup>
Swing torque	92,400 Nm

### **PERFORMANCE DATA CX300D**

		Arm 3.2 m	Arm 2.65 m	<b>Arm 3.7 m</b>
Boom length	mm	6150	6150	6150
Bucket radius	mm	1570	1570	1570
Bucket wrist action		176°	176°	176°
A Maximum reach at GRP	mm	10490	10030	10980
B Maximum reach	mm	10670	10220	11160
C Max. digging depth	mm	7100	6570	7580
D Max. digging height	mm	10050	9930	10390
E Max. dumping height	mm	7080	6930	7390
F Min. swing radius	mm	4030	3980	4080

# **DIGGING FORCE (ISO 6015)**

		Arm 3.2 m	Arm 2.65 m	<b>Arm 3.7 m</b>
Arm digging force	kN	128.4	147.0	114.3
with Auto power boost	kN	139.6	159.9	124.3
Bucket digging force	kN	175.0	175.0	175.0
with Auto power boost	kN	190.3	190.3	190.3

#### **FILTERS**

Suction filter	105 μm
Return filter	6 μm
Pilot line filter	

#### **ELECTRICAL SYSTEM**

Voltage	24 V
Alternator	50 Amp
Starter	24 V 5.0 kW
Battery	2X12V 128 Ah/5 HR

### **UNDERCARRIAGE**

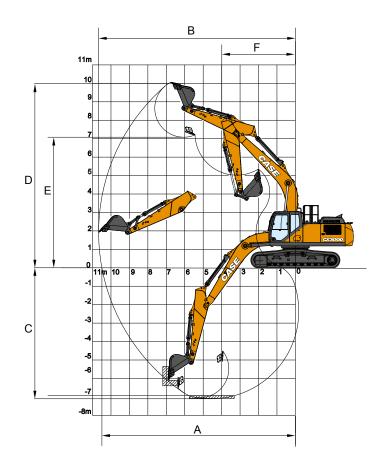
Travel motor	Variable displaceme	nt axial piston motor
High travel speed (Auto	omatic travel speed shiftin	g) 5.4 km/h
Low travel speed	-	3.2 km/h
Drawbar pull		233 KN
Number of carrier rolle	ers (each side)	2
Number of track rollers	s (each side)	9
Number of shoes (eacl	n side)	50
Type of shoes		Triple grouser shoes
Grade ability		70 % (35°)

## **SOUND LEVEL**

External guaranteed sound level	
(EU Directive 2000/14/EC)	LwA 102 dB(A)
Operator cab sound pressure level (ISO 6396)	LpA 70 dB(A)

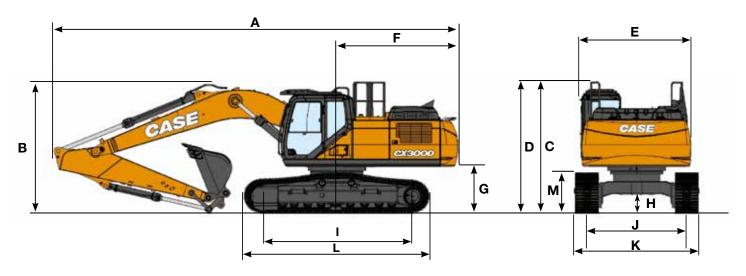
### **CIRCUIT AND COMPONENT CAPACITIES**

Fuel tank	457 I
Hydraulic system	300 I
Hydraulic tank	147 I
Adblue tank	120



# **SPECIFICATIONS**

### **GENERAL DIMENSIONS**



LC/NLC		Arm 3.2 m	Arm 2.65 m	Arm 3.7 m
Overall length (without attachment)	mm	5580	5580	5580
A Overall length (with attachment)	mm	10510	10520	10500
B Overall height (to top of boom)	mm	3350	3340	3460
C Cab height	mm	3210	3210	3210
D Overall height (to top of guardrail)	mm	3420	3420	3420
E Upper structure overall width	mm	2890	2890	2890
F Swing (rear end radius)	mm	3160	3160	3160
G Clearance height under upper structure	mm	1190	1190	1190
H Minimum ground clearance	mm	460	460	460
I Wheel base (Center to center of wheels)	mm	3980	3980	3980
L Crawler overall length	mm	4850	4850	4850
M Crawler tracks height	mm	1040	1040	1040
LC		Arm 3.2 m	Arm 2.65 m	Arm 3.7 m
J Track gauge	mm	2600	2600	2600
K Undercarriage overall width (with 600 mm shoes)	mm	3200	3200	3200
NLC		Arm 3.2 m	Arm 2.65 m	Arm 3.7 m
J Track gauge	mm	2390	2390	2390
K Undercarriage overall width (with 600 mm shoes)	mm	2990	2990	2990

## **WEIGHT AND GROUND PRESSURE CX300D**

with 3.20 m Arm, 1.1  $\mbox{m}^{3}$  bucket, 600 mm grouser shoe, operator, lubricant, coolant, full fuel tank and FOPS protection level 2.

CX300D LC	Weight	<b>Ground pressure</b>
	30.000 kg	0.057 MPa
CX300D NLC	Weight	<b>Ground pressure</b>
	29.900 kg	0.057 MPa

Counterweight 5.100 kg

# **LIFTING CAPACITY**

# **CX300D LC-NLC**

I, I						REACH					
Front	2.	.0 m	4.	0 m	6.0	6.0 m		8.0 m At max		x reach	
Side	ĮΨ	<b>₩</b>	ĮΠ	<del>   </del>	Į.	<del>   </del>	ĮΠ	<del>     </del>	Į.	<b>₩</b>	m

#### LC UNDERCARRIAGE - Standard arm 3.2 m, 600 mm shoes, max reach 9.10 m

8.0 m									6080*	6080*	6.72
6.0 m							6310*	5410	5690*	5270	8.12
4.0 m			13320*	13320*	9620*	8160	7810	5270	5730*	4480	8.85
2.0 m			15990*	13640	11380*	7610	7560	5050	6130*	4180	9.1
0 m			13740*	12990	11310	7230	7370	4870	6340	4220	8.89
-2.0 m	9910*	9910*	18170*	12940	11150	7090	7310	4830	7080	4690	8.19
-4.0 m	18660*	18660*	14910*	13190	10250*	7210			8430*	6060	6.85

#### LC UNDERCARRIAGE - Short arm 2.65 m, 600 mm shoes, max reach 8.65 m

8.0 m					8450*	8450*			7930*	7930*	6.1
6.0 m					8930*	8530			7290*	5820	7.61
4.0 m			14840*	14840*	10290*	8090	7790	5270	7210	4880	8.39
2.0 m					11710	7590	7580	5080	6750	4540	8.65
0 m			11770*	11770*	11350	7270	7430	4940	6910	4610	8.43
-2.0 m	10260*	10260*	17430*	13130	11270	7200			7860	5210	7.69
-4.0 m			13510*	13460	9170*	7420			8550*	7050	6.24

#### LC UNDERCARRIAGE - Long arm 3.7 m, 600 mm shoes, max reach 9.58 m

8.0 m									4870*	4870*	7.37
6.0 m							6530*	5460	4560*	4560*	8.66
4.0 m					8970*	8240	7690*	5280	4570*	4090	9.35
2.0 m			16920*	13850	10850*	7640	7550	5030	4820*	3820	9.58
0 m			14380*	12940	11270	7190	7310	4820	5410*	3850	9.39
-2.0 m	8860*	8860*	18580*	12760	11050	6990	7210	4720	6390	4220	8.73
-4.0 m	15850*	15850*	15920*	12940	10870*	7050			7970*	5260	7.49
-6.0 m									8010*	8010*	4.86

#### NLC UNDERCARRIAGE - Standard arm 3.2 m, 600 mm shoes, max reach 9.10 m

8.0 m									6080*	6080*	6.72
6.0 m							6310*	4970	5690*	4840	8.12
4.0 m			13320*	13320*	9620*	7480	7790	4840	5730*	4110	8.85
2.0 m			15990*	12240	11380*	6940	7550	4620	6130*	3820	9.1
0 m			13740*	11610	11280	6560	7350	4450	6320	3850	8.89
-2.0 m	9910*	9910*	18170*	11560	11130	6430	7300	4400	7070	4270	8.19
-4.0 m	18660*	18660*	14910*	11810	10250*	6550			8430*	5520	6.85

#### NLC UNDERCARRIAGE - Short arm 2.65 m, 600 mm shoes, max reach 8.65 m

8.0 m					8450*	7910			7930*	7690	6.1
6.0 m					8930*	7840			7290*	5350	7.61
4.0 m			14840*	13460	10290*	7410	7770	4830	7200	4480	8.39
2.0 m					11690	6920	7570	4650	6740	4160	8.65
0 m			11770*	11700	11320	6610	7410	4510	6890	4220	8.43
-2.0 m	10260*	10260*	17430*	11750	11240	6540			7840	4750	7.69
-4.0 m			13510*	12070	9170*	6750			8550*	6430	6.24

#### NLC UNDERCARRIAGE - Long arm 3.7 m, 600 mm shoes, max reach 9.58 m

8.0 m									4870*	4870*	7.37
6.0 m							6530*	5020	4560*	4360	8.66
4.0 m					8970*	7550	7960*	4850	4570*	3740	9.35
2.0 m			16920*	12430	10850*	6970	7530	4600	4820*	3490	9.58
0 m			14380*	11560	11250	6520	7300	4390	5410*	3500	9.39
-2.0 m	8860*	8860*	18580*	11380	11020	6330	7190	4290	6380	3840	8.73
-4.0 m	15850*	15850*	15920*	11560	10870*	6380			7970*	4780	7.49
-6.0 m									8010*	8010*	4.86

<sup>\*</sup> 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.

# BUCKETS CX300D LC-NLC

#### **CX300D LC**

#### **HEAVY DUTY BUCKET (PIN ON)**

CAPACITY m <sup>3</sup> (ISO7451 HEAPED)	WIDTH mm	WEIGHT kg	ARM 2.65 m	ARM 3.18 m	ARM 3.66 m
0.85	900	1040	0	0	0
1.11	1100	1150	0	0	0
1.24	1200	1240	0	0	0
1.43	1350	1310	•	•	
1.63	1500	1460	•	•	
1.88 (*)	1700	1570			×

(\*) not suitable for digging application

#### **ROCK BUCKET (PIN ON)**

0.85	900	1080	0	0	0
1.11	1100	1190	0	0	0
1.24	1200	1280	0	0	•
1.43	1350	1360	•	•	
1.63	1500	1500	•		

#### **DITCH CLEANING BUCKET (PIN ON)**

0.89 (**)	1830	760	0	0	0
		910 (*)	0	0	0
1.48 (**)	2130	830	0	0	•
		1020 (*)	0	•	•

#### **TILTABLE DITCH CLEANING BUCKET (PIN ON)**

1.13	1800	1100	0	0	•
1.26	2000	1160	0	•	•
1.39	2200	1250	•	•	
1.51	2400	1310	•		
1.58	2500	1370			

Tilt angle 45° L/R - Connect to Low-Flow Auxiliary Hydraulic Circuit

#### **HD SCOOP BUCKET (QUICK COUPLED)**

0.85	900	1030	0	0	0
1.11	1100	1140	0	•	•
1.24	1200	1230	•	•	
1.43	1350	1310	•		
1.63	1500	1450		×	×

#### **ROCK SCOOP BUCKET (QUICK COUPLED)**

0.85	900	1070	0	0	0
1.11	1100	1180	0	•	•
1.24	1200	1270	•	•	
1.43	1350	1350			×
1.63	1500	1490		×	×

#### **FP DITCH CLEANING BUCKET (QUICK COUPLED)**

0.00 (**)	1020	810	0	0	0	_	
	0.89 (**)	1830	970 (*)	0	0	0	_
	1.48	2130	890	•	•		_
	1.40	2130	1080 (*)	•			-

#### CX300D NLC

#### **HEAVY DUTY BUCKET (PIN ON)**

CAPACITY m <sup>3</sup> (ISO7451 HEAPED)	WIDTH mm	WEIGHT kg	ARM 2.65 m	ARM 3.18 m	ARM 3.66 m
0.85	900	1040	0	0	0
1.11	1100	1150	0	0	•
1.24	1200	1240	0	•	•
1.43	1350	1310	•		
1.63	1500	1460			×

#### **ROCK BUCKET (PIN ON)**

0.85	900	1080	0	0	0
1.11	1100	1190	0	0	•
1.24	1200	1280	0	•	
1.43	1350	1360	•		
1.63	1500	1500			×

#### **DITCH CLEANING BUCKET (PIN ON)**

0.89 (**)	1020	760	0	0	0
	1830	910 (*)	0	0	0
1.48 (**)	2130	830	0	•	•
		1020 (*)	•	•	

#### **TILTABLE DITCH CLEANING BUCKET (PIN ON)**

1.13	1800	1100	0	•	•
1.26	2000	1160	•	•	
1.39	2200	1250	•		
1.51	2400	1310			×
1.58	2500	1370			×

Tilt angle 45° L/R - Connect to Low-Flow Auxiliary Hydraulic Circuit

#### **HD SCOOP BUCKET (QUICK COUPLED)**

0.85	900	1030	0	0	•
1.11	1100	1140	•	•	•
1.24	1200	1230	•		
1.43	1350	1310		×	×

#### **ROCK SCOOP BUCKET (QUICK COUPLED)**

0.85	900	1070	0	0	•
1.11	1100	1180	•	•	
1.24	1200	1270	•		×
1.43	1350	1350		×	×

#### **FP DITCH CLEANING BUCKET (QUICK COUPLED)**

0.89 (**)	1020	810	0	0	0
0.09()	1830	970 (*)	0	0	•
1.48	2130	890	•		
1.40	2130	1080 (*)			





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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.