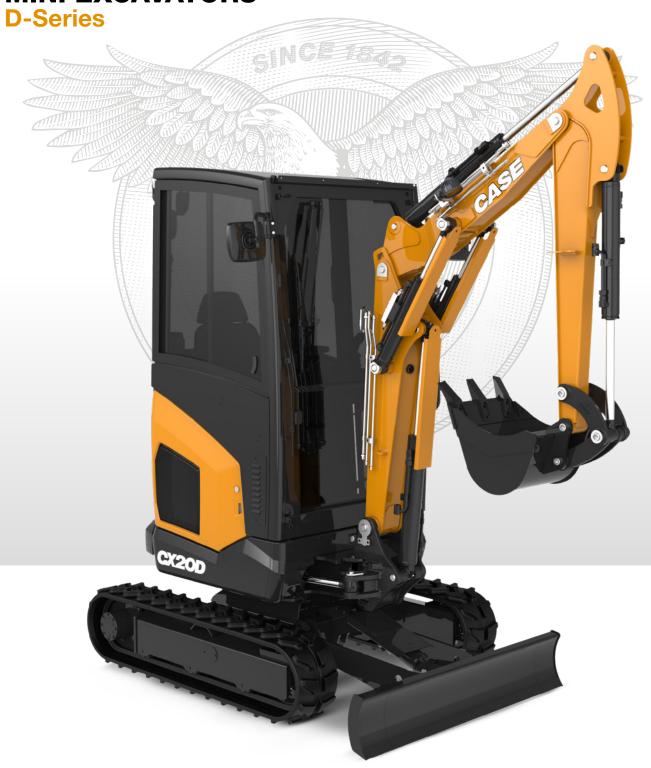
CX20D



MINI EXCAVATORS



Engine 3TNV76
Engine power 13.7 kW - 18.4 hp
Operating weight with canopy 2010 kg
Operating weight with cab 2120 kg

SPECIFICATIONS

CX20D

ENGINE

Type	YANMAR 3TNV76 - STAGE 5
Max. Power (2.200 rpm) (kW / hp) 13.7 - 18.4
Displacement (cm³)	1116
Number of cylinders (n°)	3
Cooling	Liquid
Consumption (I/h)	
Alternator (V)	12 (40 A)
Battery V (Ah)	

HYDRAULIC SYSTEM

Pump type	_ variable flow
Pump displacement (cm³)	9 + 9 + 6.6
Pump capacity (I/min)	_ 18 + 18 + 13.1
Max. circuit calibration pressure (bar)	240
Auxiliary system (max pressure):	
AUX 1 single or double effect (I/min)	_ 31.1 - 205 bar
AUX 2 - optional (I/min)	_ 13,1 - 205 bar
AUX 3 - optional (I/min)	18 - 240 bar

SLEWING & TRAVEL SPEED

Travelling speed	
(AUTO TWO SPEED) (km/h)	$1^{st}: 0 \div 2.3 / 2^{nd}: 0 \div 4.4$
Slew speed (rpm)	10.5

CONTROLS Room dinner stick

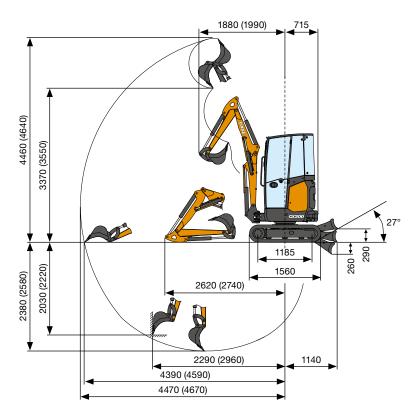
Boom, dipper stick,	
bucket and turret swing	2 pilot joysticks
Positioner two pieces boom	electroproportional
	switch on right joystick
Track movements (included cou	nter rotation) 2 pilot levers
Dozer blade	pilot lever
Auxiliary system AUX 1	
(single or double effect)	electroproportional
	switch on right joystick
Boom swing electroprop	oortional switch on left joystick

WEIGHTS

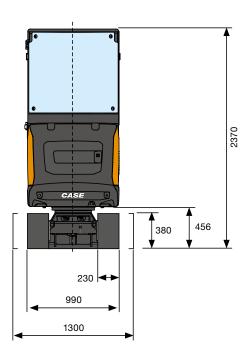
Transport weight with canopy* (kg)	1900
Transport weight with cab* (kg)	2010
Operating weight with canopy* ISO 6016 (kg)	2010
Operating weight with cab* ISO 6016 (kg)	2120
*with rubber tracks	

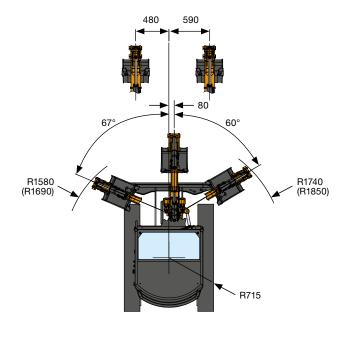
CIRCUIT AND COMPONENT CAPACITIES

Fuel tank (I)	25
Hydraulic oil tank (I)	20
Hydraulic circuit capacity (I)	30
Cooling system capacity (I)	4.5
Engine oil (I)	2.8



PERFORMANCE DATA		Std. Arm 1150 mm	Opt. Arm 1350 mm
Max. digging depth	mm	2380	2580
Max. dumping height	mm	3370	3550
Bucket breakout force	daN	15	500
Arm breakout force ISO 6015	daN	990	880
Traction force	daN	18	860
Ground bearing pressure with rubber tracks and canopy (with cabin)	kg/cm ²	0.33	(0.34)
Max. slope		60%	- 30°





GENERAL DIMENSIONS		
Maximum width	mm	990 - 1300
Total height	mm	2370
Tracks width	mm	230
Rear rotation radius	mm	715
Digging arm length standard (optional)	mm	1150 (1350)
Rollers number (for each side)	n°	3

LIFTING CAPACITY

CX20D

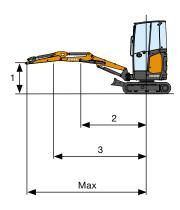
Standard dipper stick L = 1.150 mm

Opening arm from the rotation's center (m) Lifting capacity (kg) at 1.0 m height Standard counterweight

LIFTING CAPACITY	2	3	Max
Frontal and lifted dozer blade	490	250	160
Lateral, open undercarriage	470	250	160

^{*} Indicates the hydraulic load limit.

The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.



STANDARD EQUIPMENT

- + Tiltable Cab/Canopy (ROPS/TOPS FOPS Level 1)
- + Heating
- + Automatic Courtesy light
- + Electric plug on the roof for Rotating Beacon
- + Windshield washer
- + Rear-view mirrors (left, right)
- Fabric seat with Mechanical suspension (cab)
- + Vinyl seat with Mechanical suspension (canopy)
- + Standard arm
- + 2-Piece-Boom
- Boom Lift cylinder and dozer blade cylinder protection

- + Additional counterweight
- Servo-assisted hydraulic joysticks with Electro-Hydraulic proportional controls
- + Electro-Hydraulic proportional Swing control
- + Electro-Hydraulic proportional 2-Piece-Boom control
- + 1st Auxiliary (AUX1) circuit with Electro-Hydraulic proportional control
- + AUX1 circuit maximum flow mechanical setting
- Mechanical diverter between Single effect and Double effect AUX1
- + Block valves on 2 piece boom positioner cylinders

- 2 speed travel with Automatic Shift Down (from 2nd to 1st gear if more traction is required) and Shift-up
- + Rubber tracks
- + Standard Dozer Blade
- + Extendable undercarriage
- + Operator manual
- Ignition key, which opens every machine lock
- + Standard LED working lights (boom)
- + Battery disconnect switch
- + Variable Volume Pump
- + Standard Hydraulic oil and Lubricants

OPTIONAL EQUIPMENT

- DAB Radio, Bluetooth, USB, Aux-in (cab only)
- + Anti-Thef
- + Travel alarm
- + Long arm
- 2nd Auxiliary (AUX2) circuit with Electro-Hydraulic proportional control and flow diverter from boom swing
- Grapple provision (AUX3 with flow diverter from bucket cylinder)
- + Direct Drainage to tank
- + Block valves on dozer blade cylinder
- + Object handling kit (block valves on boom and arm, lifting hook and load chart)
- + Extra LED working lights (cabfront and cab-rear)
- + Rotating beacon
- + CASE Sitewatch and SiteConnect
- + Bio Hydraulic oil and Lubricants
- + Constant Flow provision (i.e. for Mulcher): max constant flow of 19 l/min at 180 bar
- + Hydraulic quick coupler provision (Single or Double Effect)
- + Mechanical and Hydraulic quick couplers
- + Buckets

CASE AFTERMARKET SOLUTIONS

- + Front Protection grid (Level 2)
- + Arm cylinder and bucket cylinder protection
- + Vast variety of attachments
- Full range of Mechanical and Hydraulic quick couplers
- + Full range of Buckets

CNH Industrial

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CASE Construction Equipment

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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



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