CX25D

MINI EXCAVATORS
D-Series



Engine 3TNV76
Engine power 13.7 kW - 18.4 hp
Operating weight with canopy 2580 kg
Operating weight with cab 2710 kg

SPECIFICATIONS
CX25D

ENGINE
Type _____ YANMAR 3TNV76 - STAGE 5
Max. Power (2200 rpm) (kW / hp) _____ 13.7 - 18.4
Displacement (cm³) _____ 1116
Number of cylinders (n°) _____ 3
Cooling _____ Liquid
Consumption (l/h) _____ 3
Alternator (V) _____ 12 (40 A)
Battery V (Ah) _____ 12 (65)

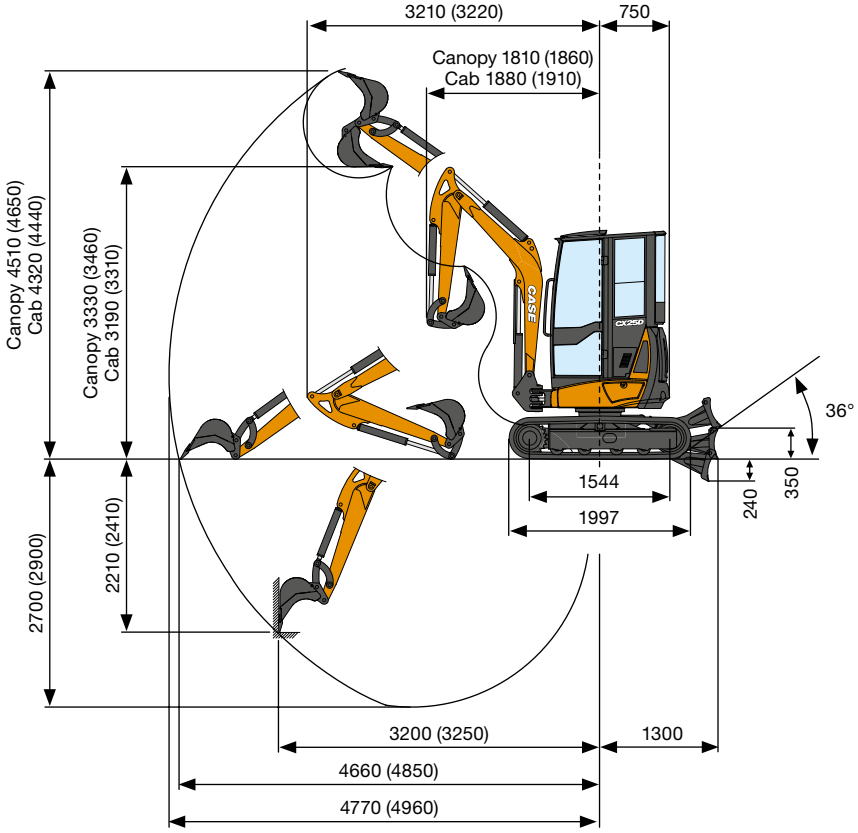
HYDRAULIC SYSTEM
Circuit type _____ Load Sensing centre closed with Flow Sharing distributor
Pump type ____ 1 Load Sensing pump with variable displacement
Pump displacement (cm³) _____ 25
Pump capacity (l/min) _____ 50
Max. circuit calibration pressure (bar) _____ 250
Auxiliary system (max pressure):
AUX 1 single or double effect (l/min) _____ 50 - 200 / 250 bar
AUX 2 - optional (l/min) _____ 12 / 8 - 250 bar
AUX 3 - optional (l/min) _____ 29 / 22 - 250 bar

SLEWING & TRAVEL SPEED
Travelling speed
(AUTO TWO SPEED) (km/h) _____ 1st : 0 ÷ 2.6 / 2nd : 0 ÷ 4.3
Slew speed (rpm) _____ 10

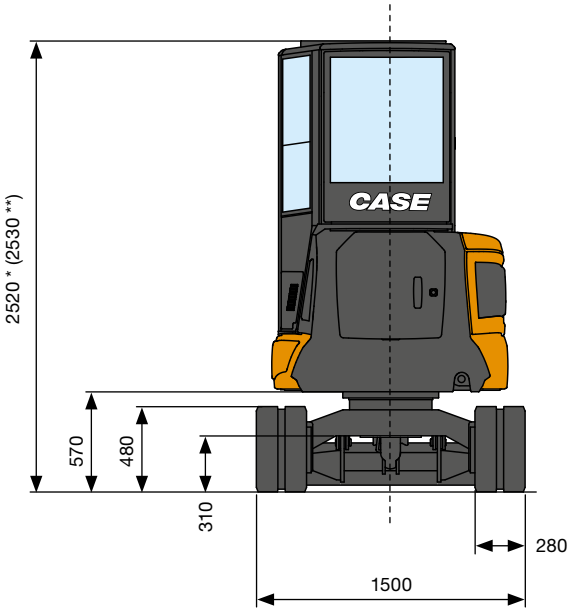
CONTROLS
Boom, dipper stick,
bucket and turret swing _____ 2 pilot joysticks
Track movements (included counter rotation) ___ 2 pilot levers
Dozer blade _____ pilot lever
Auxiliary system with latch
AUX 1 (single or double effect) _____ electroproportional switch on right joystick
Boom swing _____ electroproportional switch on left joystick

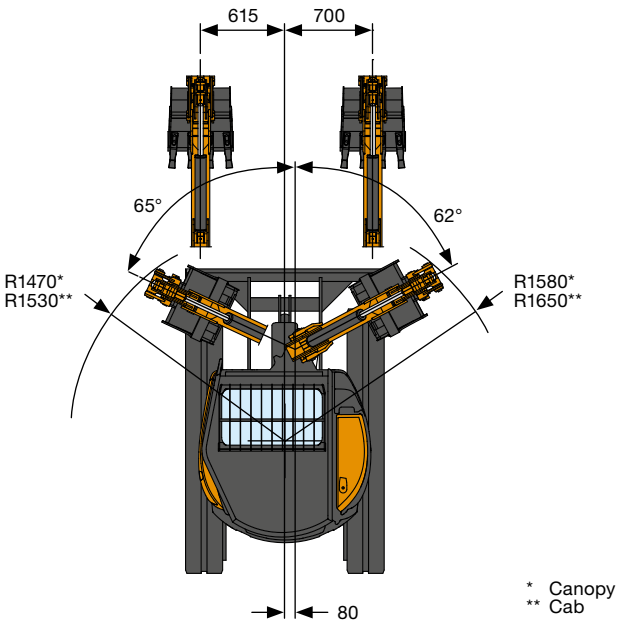
WEIGHTS
Transport weight with canopy (kg) _____ 2450
Transport weight with cab (kg) _____ 2580
Operating weight with canopy* ISO 6016 (kg) _____ 2580
Operating weight with cab* ISO 6016 (kg) _____ 2710
*with rubber tracks

CIRCUIT AND COMPONENT CAPACITIES
Fuel tank (l) _____ 26
Hydraulic oil tank (l) _____ 29
Hydraulic circuit capacity (l) _____ 40
Cooling system capacity (l) _____ 5
Engine oil (l) _____ 2.8



PERFORMANCE DATA		Std. Arm 1350 mm	Opt. Arm 1550 mm
Max. digging depth	mm	2700	2900
Max. dumping height with canopy (with cab)	mm	3330 (3190)	3460 (3310)
Bucket breakout force	daN	2570	
Arm breakout force ISO 6015	daN	1380	1250
Traction force	daN	2400	
Ground bearing pressure with rubber tracks and canopy (with cab)	kg/cm²	0.28 (0.29)	
Max. slope		60% - 30°	





GENERAL DIMENSIONS		
Maximum width	mm	1500
Total height	mm	2520* / 2530**
Tracks width	mm	280
Rear rotation radius	mm	750
Digging arm length standard (optional)	mm	1350 (1550)
Rollers number (for each side)	n°	4/1

LIFTING CAPACITY
CX25D

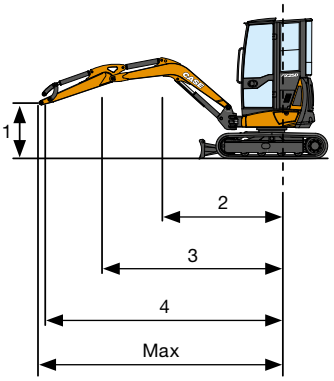
Standard dipper stick L = 1350 mm

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

LIFTING CAPACITY	2	3	4	Max
Frontal and lowered dozer blade	990*	640*	490*	450*
Frontal and lifted dozer blade	930	500	320	290
Lateral, open undercarriage	780	440	290	260

* 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
AND OPTIONS

STANDARD EQUIPMENT

+ Tiltable Cab/Canopy (ROP/ TOPS - FOPS Level 1)
+ Windshield washer
+ Rear-view mirrors (left, right)
+ Fabric seat with Mechanical suspension (cab)
+ Vinyl seat with Mechanical suspension (canopy)
+ Standard arm
+ Boom Lift cylinder and dozer blade cylinder protection
+ Standard counterweight
+ Air Filter with drain valve and anti-clogging indicator
+ Servo-assisted hydraulic joysticks with Electro-Hydraulic proportional controls
+ Electro-Hydraulic proportional Swing 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
+ 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
+ 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
+ CASE Sitewatch and SiteConnect

OPTIONAL EQUIPMENT

+ DAB Radio, Bluetooth, USB, Aux-in (cab only)
+ Anti-Theft
+ Travel alarm
+ Long arm
+ Additional counterweight
+ 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)
+ Dozer Float
+ Extra LED working lights (cab-front and cab-rear)
+ Rotating beacon
+ Bio Hydraulic oil and Lubricants
+ Automatic Centralized Lubrication
+ 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

+ Superior Protection grid (FOPS Level 2)
+ Front Protection grid (Level 2)
+ Vast variety of attachments
+ Full range of Mechanical and Hydraulic quick couplers
+ Full range of Buckets

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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

CASECE.COM
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