

CX55D



MINI EXCAVATORS

D-Series



Engine V2403-CR-T
Engine power 42.6 kW - 57.1 hp
Operating weight 5400 kg

SPECIFICATIONS

CX55D

ENGINE

Type _____ KUBOTA V2403-CR-T - STAGE 5
 Max. Power (2300 rpm) (kW / hp) _____ 42.6 - 57.1
 Displacement (cm³) _____ 2434
 Number of cylinders (n°) _____ 4
 Cooling _____ Liquid
 Consumption (l/h) _____ 6.9
 Alternator (V) _____ 12 (70 A)
 Battery V (Ah) _____ 12 (100)

HYDRAULIC SYSTEM

Circuit Type _____ Load Sensing closed center system
 with "Flow Sharing" control valve
 Pump type _____ 1 LS hydraulic variable pump
 with electronic control + 1 gear pump
 Pump displacement (cm³) _____ 65 + 14.5
 Pump capacity (l/min) _____ 129 + 28.8
 Max. circuit calibration pressure (bar) _____ 280
 Auxiliary system (max pressure):
 AUX 1 single or double effect
 with priority (l/min) _____ 60 (70 Max) - 200 left / 280 right bar
 AUX 2 double effect (optional) (l/min) _____ 60/43 - 280 bar
 AUX 3 - optional (l/min) _____ 40/32 - 280 bar

SLEWING & TRAVEL SPEED

Travelling speed
 (AUTO TWO SPEED) (km/h) _____ 1st : 0 ÷ 2.6 / 2nd : 0 ÷ 4.5
 Slew speed (rpm) _____ 10.5

CONTROLS

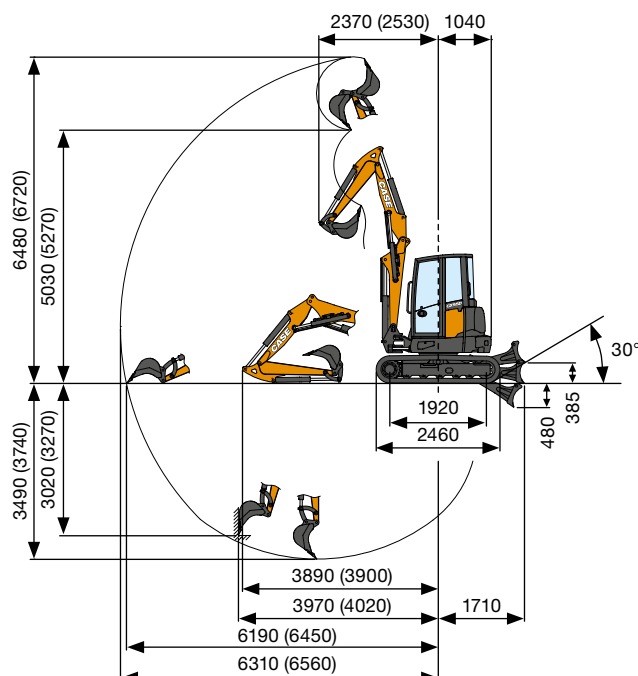
Boom, dipper stick,
 bucket and turret swing _____ 2 pilot joysticks
 Track movements (included counter rotation) _____ 2 pilot levers
 Dozer blade _____ pilot lever
 Priority auxiliary system with holding function
 AUX 1 (single or double effect) _____ electroproportional
 switch on right joystick
 Auxiliary system AUX 2 (double effect) _____ electroproportional
 switch on right joystick
 Auxiliary system AUX 3 (double effect) _____ electroproportional
 switch on left joystick
 Boom swing _____ electroproportional switch on left joystick

WEIGHTS

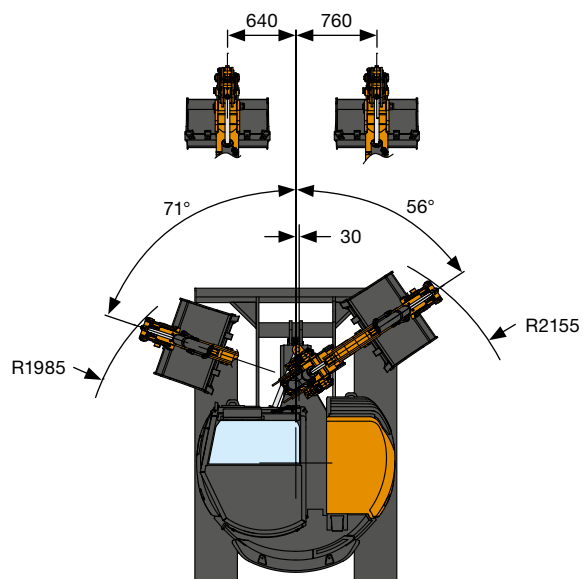
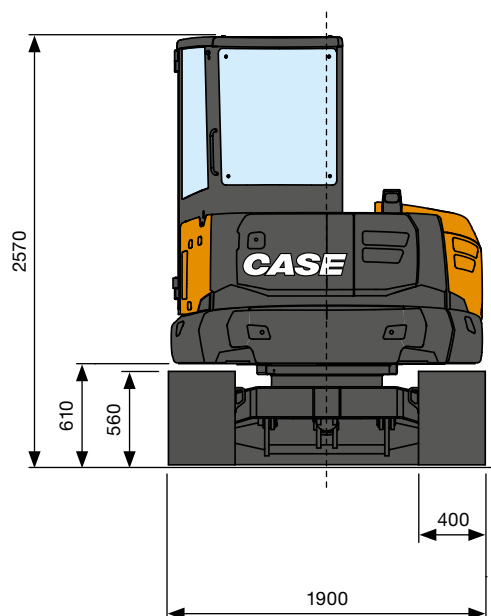
Transport Weight with cab (kg) _____ 5250
 Operating weight with cab
 (with rubber tracks) ISO 6016 (kg) _____ 5400

CIRCUIT AND COMPONENT CAPACITIES

Fuel tank (l) _____ 75
 Hydraulic oil tank (l) _____ 65
 Hydraulic circuit capacity (l) _____ 85
 Cooling system capacity (l) _____ 11
 Engine oil (l) _____ 9.5



| PERFORMANCE DATA | | Std. Arm 1500 mm | Opt. Arm 1750 mm |
|--|--------------------|---------------------|---------------------|
| Max. digging depth | mm | 3490 | 3740 |
| Max. dumping height | mm | 5030 | 5270 |
| Bucket breakout force | daN | 4300 | |
| Arm breakout force ISO 6015 | daN | 2350 | 2120 |
| Traction force | daN | 5420 | |
| Ground bearing pressure with rubber tracks and cab | kg/cm ² | 0.31 | |
| Max. slope | | 60% - 30° | |



GENERAL DIMENSIONS

| | | |
|--|----|-------------|
| Maximum width | mm | 1900 |
| Total height | mm | 2570 |
| Tracks width | mm | 400 |
| Rear rotation radius | mm | 1050 |
| Digging arm length standard (optional) | mm | 1500 (1750) |
| Rollers number (for each side) | n° | 5/1 |

LIFTING CAPACITY

CX55D

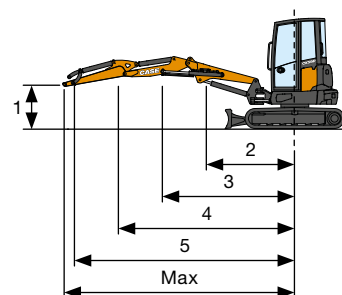
Opening arm from the rotation's center (m)
 Lifting capacity (kg) at 1.0 m height
 Standard counterweight

| LIFTING CAPACITY | 2 | 3 | 4 | 5 | Max |
|---------------------------------|-------|-------|-------|-------|-------|
| Frontal and lowered dozer blade | 3190* | 1600* | 1290* | 1190* | 1010* |
| Frontal and lifted dozer blade | 2860 | 1450 | 920 | 620 | 510 |
| Lateral, open undercarriage | 1950 | 1070 | 690 | 460 | 380 |

* 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 dipper stick L = 1500 mm



STANDARD AND OPTIONS

STANDARD EQUIPMENT

- + Tilttable Cab (ROPS/TOPS - FOPS Level 1)
- + Automatic Courtesy light
- + Electric socket on the roof for Rotating Beacon
- + Windshield washer
- + Rear-view mirrors
- + Fabric seat with Mechanical suspension
- + Standard arm
- + 2-Piece-Boom
- + Boom Lift cylinder and dozer blade cylinder protection
- + Additional counterweight - Light
- + Air Filter with drain valve and electric anti-clogging indicator
- + Hydraulic Reversible Fan Drive with automatic functionality
- + 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
- + Digital cluster with AUX1, AUX2 and AUX3 flow settings
- + Block valves on 2 piece boom positioner cylinders
- + Electric 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
- + Electronic Proportional RPM control with Auto-Idle
- + Rubber tracks
- + Standard Dozer Blade
- + Operator manual
- + Ignition key, which opens every machine lock
- + Standard LED working lights (boom, right-front hood and left side)
- + Battery disconnect switch
- + Variable Volume Pump
- + Standard Hydraulic oil and Lubricants
- + CASE Sitewatch and SiteConnect
- + Rear view camera
- + Object handling kit (block valves on boom and arm, lifting hook and load chart)

OPTIONAL EQUIPMENT

- + Automatic Air conditioning and Heating
- + DAB Radio, Bluetooth, USB, Aux-in (cab only)
- + Anti-Theft
- + Fabric seat with Pneumatic suspension
- + Travel alarm
- + Long arm
- + Additional counterweight - Heavy
- + Electric fuel refill pump
- + 2nd Auxiliary (AUX2) circuit with Electro-Hydraulic proportional control
- + 3rd Auxiliary (AUX3) circuit with Electro-Hydraulic proportional control
- + Grapple provision (AUX3 with flow diverter from bucket cylinder)
- + Direct Drainage to tank
- + Block valves on dozer blade cylinder
- + Steel tracks
- + 6X1 (Angle/Tilt) Dozer Blade
- + 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 53 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)
- + Rubber pads for steel tracks
- + Geogrip tracks
- + 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

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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.