

CX75E

CASE
CONSTRUCTION

MIDI EXCAVATORS
E-Series



Engine V2607-CR-T

Engine power 44.3 kW - 59.4 hp

Operating weight 7580 kg

SPECIFICATIONS

CX75E

ENGINE

Type	KUBOTA V2607-CR-T - STAGE 5
Max. Power (2200 rpm) (kW / hp)	44.3 - 59.4
Displacement (cm ³)	2615
Number of cylinders (n°)	4
Cooling	Liquid
Consumption (l/h)	7.6
Alternator (V)	12 (60 A)
Battery V (Ah)	12 (95)

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 (cm ³)	71 + 14
Pump capacity (l/min)	141 + 27.8
Max. circuit calibration pressure (bar)	280
Auxiliary systems (max pressure):	
AUX 1 single or double effect	
with priority (l/min)	85 - 200 bar
AUX 2 double effect (l/min)	65/90 - 280 bar
AUX 3 double effect (optional) (l/min)	45 - 280 bar

SLEWING & TRAVEL SPEED

Travelling speed	
(AUTO TWO SPEED) (km/h)	1 st : 0 ÷ 2.1 / 2 nd : 0 ÷ 4.2
Slew speed (rpm)	11

CONTROLS

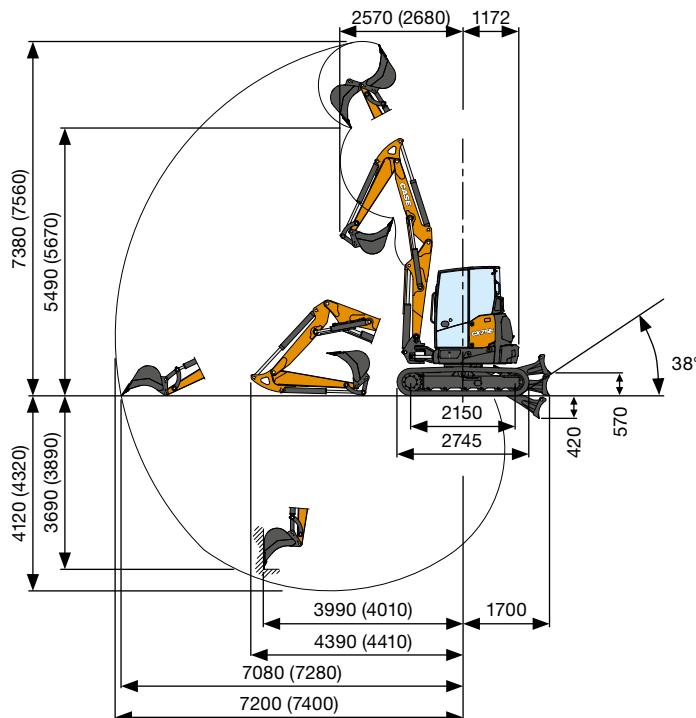
Boom, dipper stick, bucket and turret swing	2 pilot joysticks
Track movements (included counter rotation)	2 pilot levers
Dozer blade	pilot lever
High priority auxiliary system with holding function	
AUX 1 (single or double effect)	electroproportional switch on right joystick
Auxiliary system AUX 2 (double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

WEIGHTS

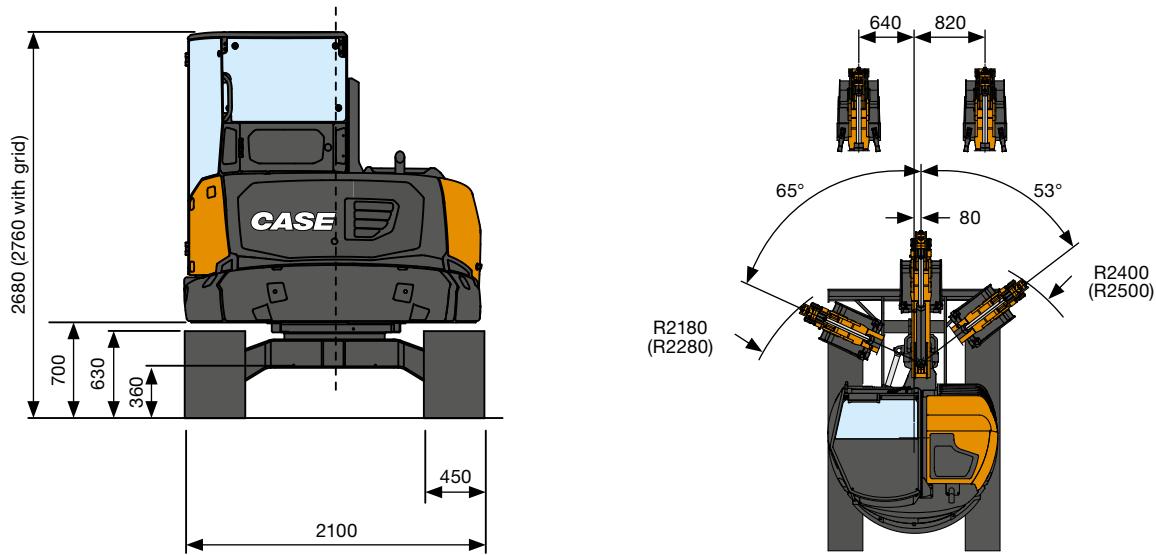
Transport Weight with cab (kg)	7310
Operating weight (with rubber tracks) ISO 6016 (kg)	7580

CIRCUIT AND COMPONENT CAPACITIES

Fuel tank (l)	85
Hydraulic oil tank (l)	60
Hydraulic circuit capacity (l)	80
Cooling system capacity (l)	12
Engine oil (l)	10.2



PERFORMANCE DATA		Std. Arm 1900 mm	Opt. Arm 2100 mm
Max. digging depth	mm	4120	4320
Max. dumping height	mm	5490	5670
Bucket breaking force	daN		4850
Arm breaking force ISO 6015	daN	2900	2700
Traction force	daN		7150
Ground bearing pressure with rubber tracks	kg/cm ²	0.35	
Max. slope		60% - 30°	



GENERAL DIMENSIONS

Maximum width	mm	2100
Total height	mm	2680
Tracks width	mm	450
Rear rotation radius	mm	1100
Digging arm length standard (optional)	mm	1900 (2100)
Rollers number (for each side)	n°	5/1

LIFTING CAPACITY CX75E

Standard dipper stick L = 1900 mm

Opening arm from the rotation's center (m)

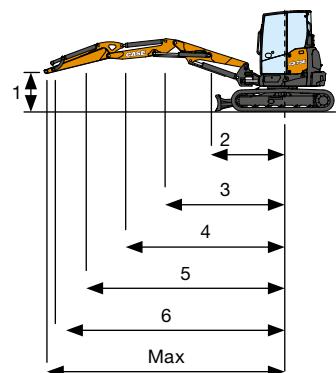
Lifting capacity (kg) at 1.0 m height

Standard counterweight

LIFTING CAPACITY	2	3	4	5	6	Max
Frontal and lowered dozer blade	4370*	2140*	1690*	1610*	1320*	1210*
Frontal and lifted dozer blade	4370*	2110	1310	960	730	690
Lateral	3920	1860	1170	860	660	620

* 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

- + Tilttable Cab (ROP/TOPS - FOPS Level 1)
- + Automatic Air Conditioning and Heating
- + Automatic Courtesy light
- + DAB Radio, Bluetooth, USB, Aux-in (cab only)
- + Electric socket on the roof for Rotating Beacon
- + Windshield washer
- + Rear-view mirrors (left, right, rear)
- + Fabric seat with Premium 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
- + Electric fuel refill pump with auto-stop function
- + 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
- + 2nd Auxiliary (AUX2) circuit with Electro-Hydraulic proportional control
- + Digital cluster with AUX1, AUX2 and AUX3 flow settings
- + Block valves on swing cylinder
- + Block valves on 2 piece boom positioner cylinders
- + Electric diverter between Single effect and Double effect AUX1
- + Direct Drainage to tank
- + 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 cab-front)
- + Battery disconnect switch
- + Variable Volume Pump
- + Standard Hydraulic oil and Lubricants
- + CASE Sitewatch and SiteConnect
- + ROPS/TOPS - FOPS Level 2 grid
- + Object handling kit (block valves on boom and arm, lifting hook and load chart)

OPTIONAL EQUIPMENT

- + Anti-Theft
- + Fabric seat with Pneumatic suspension
- + Fabric seat with Pneumatic suspension and Heating
- + Rear view camera
- + Travel alarm
- + Long arm
- + Additional counterweight - Heavy
- + 3rd Auxiliary (AUX3) circuit with Electro-Hydraulic proportional control
- + Grapple provision (AUX3 with flow diverter from bucket cylinder)
- + Block valves on dozer blade cylinder
- + Steel tracks
- + Dozer Float
- + Extra LED working lights (cab-rear)
- + Rotating beacon
- + Bio Hydraulic oil and Lubricants
- + Automatic Centralized Lubrication
- + High Flow provision (i.e. for Mulcher): max constant flow of 60 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

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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.