

CX75E



## 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<sup>3</sup>) \_\_\_\_\_ 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<sup>3</sup>) \_\_\_\_\_ 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) \_\_\_\_\_ 60/90 - 280 bar  
 AUX 3 double effect (optional) (l/min) \_\_\_\_\_ 45 - 280 bar

### SLEWING & TRAVEL SPEED

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

### CONTROLS

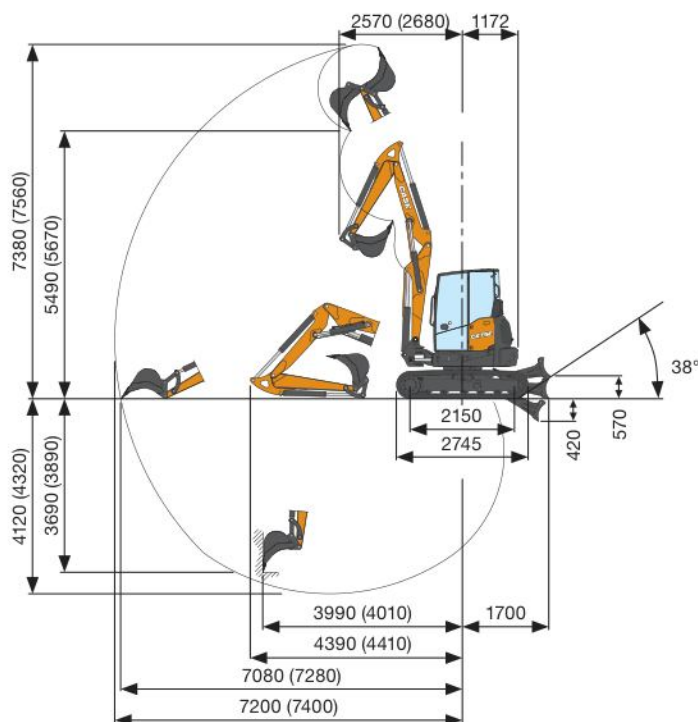
Boom, dipper stick, \_\_\_\_\_  
 bucket and turret swing \_\_\_\_\_ 2 pilot joysticks  
 Track movements (included counter rotation) \_\_\_\_\_ 2 pilot levers  
 Dozer blade \_\_\_\_\_ pilot lever  
 High priority auxiliary system with holding function  
 AUX 1 (single or double effect) \_\_\_\_\_ electroproportional  
 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

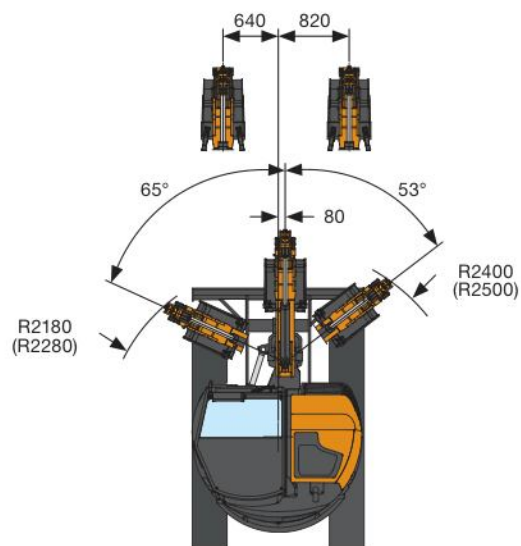
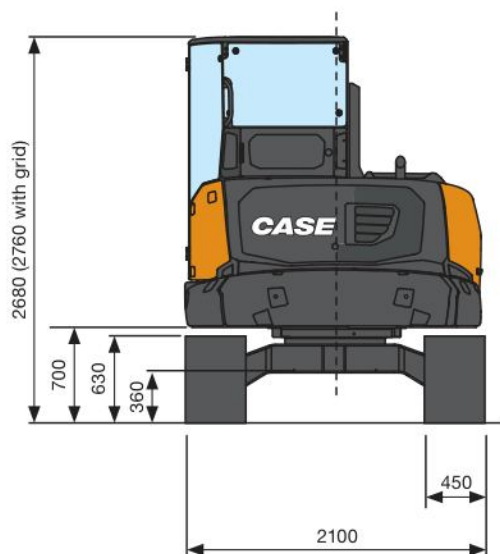
Transport Weight with cab (kg) \_\_\_\_\_ 7310  
 Operating weight (with rubber tracks) ISO 6016 (kg) \_\_\_\_\_ 7580

### 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<br>1900 mm | Opt. Arm<br>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 <sup>2</sup> |                     | 0.35                |
| 2 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

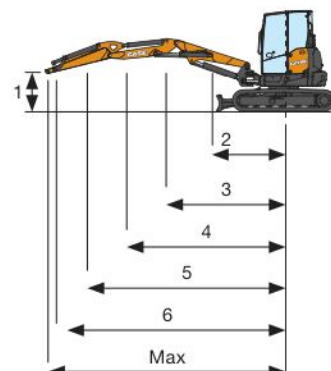
Opening arm from the rotation's center (m)  
 Lifting capacity (kg) at 1.0 m height  
 Standard counterweight

| 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 dipper stick L = 1900 mm



# 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
- + 1<sup>st</sup> Auxiliary (AUX1) circuit with Electro-Hydraulic proportional control
- + 2<sup>nd</sup> 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 2<sup>nd</sup> to 1<sup>st</sup> 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
- + 3<sup>rd</sup> 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)
- + Arm cylinder and bucket cylinder protection
- + 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

**CASECE.COM**  
**00800-2273-7373**

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.