

CX25EV



**MINI EXCAVATORS**  
**ELECTRIC VEHICLE**



Electric miniexcavator  
Rated engine power 25.0 kW  
Peak engine power 32.0 kW  
Operating weight with canopy 2220 kg  
Operating weight with cab 2320 kg

# SPECIFICATIONS

## CX25EV

### ENGINE

Type \_\_\_\_\_ Internal Permanent Magnets (IPM)  
 Rated engine power (kW) \_\_\_\_\_ 25.0  
 Peak engine power (kW) \_\_\_\_\_ 32.0  
 Supply \_\_\_\_\_ three-phase alternating current

### SUPPLY

Battery chemistry \_\_\_\_\_ lithium-ion  
 Gross capacity (kWh) \_\_\_\_\_ 32.3  
 Nominal voltage of the system (V) \_\_\_\_\_ 102  
 Autonomy according to the operating mode (h) \_\_\_\_\_ 4 ÷ 8

### CHARGING TIMES

On-board charger 220V (h) \_\_\_\_\_ 9  
 External three-phase rapid charge 380V (Optional) (h) \_\_\_\_\_ 1,5 (80%) - 2,0 (100%)

### SLEWING & TRAVEL SPEED

Travelling speed (AUTO TWO SPEED) (km/h) \_\_\_\_\_ 1<sup>st</sup> : 0 ÷ 2.6 / 2<sup>nd</sup> : 0 ÷ 4.0  
 Slew speed (rpm) \_\_\_\_\_ 10.5

### OPERATING MODES

	ECO	STD	PWR
Max. rpm	2400	2600	2800

### HYDRAULIC SYSTEM

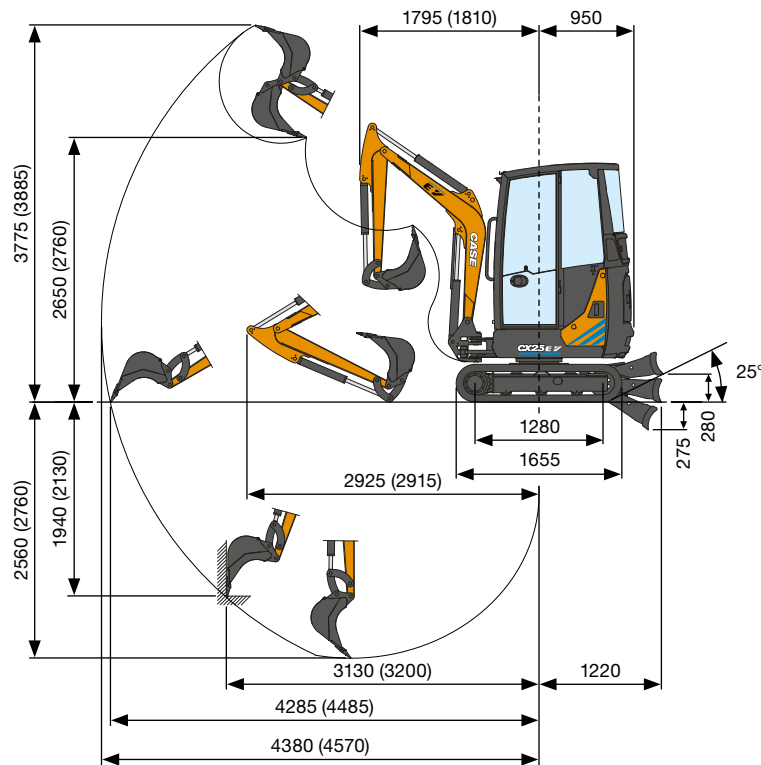
Control valve \_\_\_\_\_ Load Sensing Flow Sharing  
 Hydraulic system capacity (l) \_\_\_\_\_ 25  
 Pump type \_\_\_\_\_ 1 LS variable pump  
 Pump displacement (cm<sup>3</sup>) \_\_\_\_\_ 18  
 Pump flow rate (l/min) \_\_\_\_\_ 52  
 Max. circuit calibration pressure (bar) \_\_\_\_\_ 210  
 Auxiliary system (max pressure):  
 AUX 1 single or double effect (l/min) \_\_\_\_\_ 50 - 220 bar  
 AUX 2 - optional (l/min) \_\_\_\_\_ 13/8 - 220 bar  
 AUX 2 - optional (l/min) \_\_\_\_\_ 50 - 220 bar

### CONTROLS

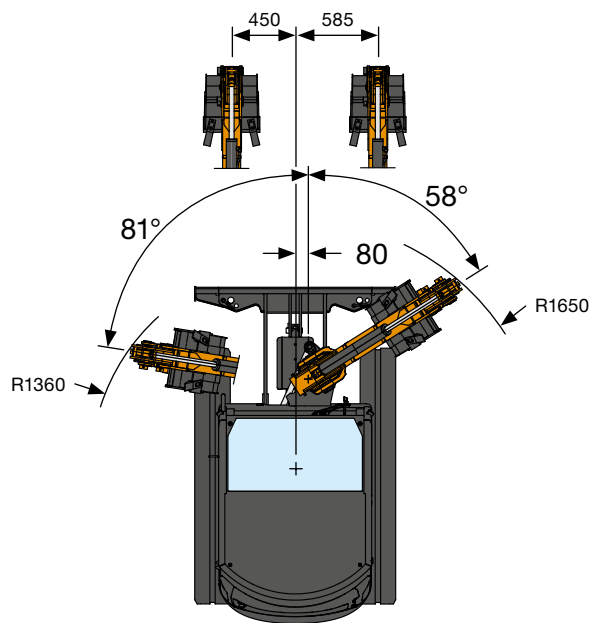
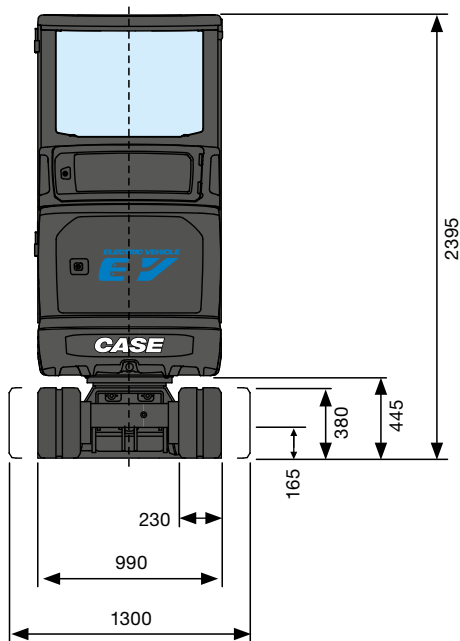
Boom, dipper stick, bucket and turret swing \_\_\_\_\_ 2 electro-proportional joysticks  
 Track movements (included counter rotation) \_\_\_\_\_ 2 electro-proportional levers  
 Dozer blade \_\_\_\_\_ electro-proportional lever  
 Auxiliary system AUX 1 (single or double effect) \_\_\_\_\_ electroproportional switch on right joystick  
 Boom swing \_\_\_\_\_ electroproportional switch on left joystick

### WEIGHTS

Transport weight with canopy (kg) \_\_\_\_\_ 2090  
 Transport weight with cab (kg) \_\_\_\_\_ 2190  
 Operating weight with canopy (kg) \_\_\_\_\_ 2220  
 Operating weight with cab (kg) \_\_\_\_\_ 2320



PERFORMANCE DATA		Std. Arm 1250 mm	Opt. Arm 1450 mm
Max. digging depth	mm	2560	2760
Max. dumping height	mm	2650	2760
Bucket breaking force	daN		1600
Arm breaking force ISO 6015	daN		1000
Traction force	daN		2200
Ground bearing pressure with canopy (ABS roof)	kg/cm <sup>2</sup>		0.34 (0.35)
2 Max. slope			60% - 30°



#### GENERAL DIMENSIONS

Maximum width	mm	990 - 1300
Total height	mm	2395
Tracks width	mm	230
Rear rotation radius	mm	950
Digging arm length standard (optional)	mm	1250 (1450)
Rollers number (for each side)	n°	3

## LIFTING CAPACITY

### CX25EV

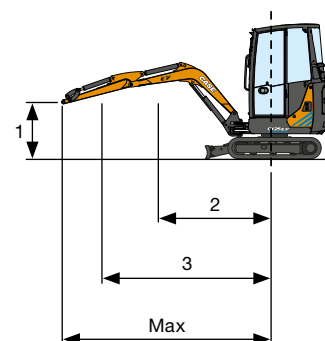
Opening arm from the rotation's center (m)  
Lifting capacity (kg) at 1.0 m height

LIFTING CAPACITY	2	3	Max
Frontal and lowered dozer blade	760*	480*	420*
Frontal and lifted dozer blade	760*	410	290
Lateral, open undercarriage	700	350	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 dipper stick L = 1250 mm  
(Optional dipper stick L = 1450 mm)



# STANDARD AND OPTIONS

## STANDARD EQUIPMENT

- + Tilttable Cab/Canopy (ROPS/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
- + Travel alarm
- + Electro-Hydraulic joysticks
- + Electronic display and controls
- + 3 pre-set control modes
- + Electronic flow setting for every movement and auxiliary circuits
- + 1<sup>st</sup> Auxiliary (AUX1) circuit with Electro-Hydraulic proportional control
- + 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
- + On-board battery charger (220 VAC)
- + 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
- + Bio hydraulic oil and lubricants
- + CASE Sitewatch and SiteConnect

## OPTIONAL EQUIPMENT

- + DAB Radio, Bluetooth, USB, Memory card SD/SDHC, Aux-in (cab only)
- + Long arm
- + 2<sup>nd</sup> 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 (cab-front and cab-rear)
- + Portable fast charger (380 VAC)
- + Rotating beacon
- + 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
- + 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**  
**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.