CX25EV

MINI EXCAVATORS
ELECTRIC VEHICLE



Electric miniexcavator
Electrical motor power 25.0 kW
Peak electrical motor power 32.0 kW
Operating weight with canopy 2340 kg
Operating weight with cab 2470 kg

SPECIFICATIONS
CX25EV

ELECTRICAL MOTOR
Type _____ Internal Permanent Magnets (IPM)
Electrical motor power (kW) _____ 25
Peak electrical motor 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) _____ 1st : 0 ÷ 2.3 / 2nd : 0 ÷ 4.0
Slew speed (rpm) _____ 10

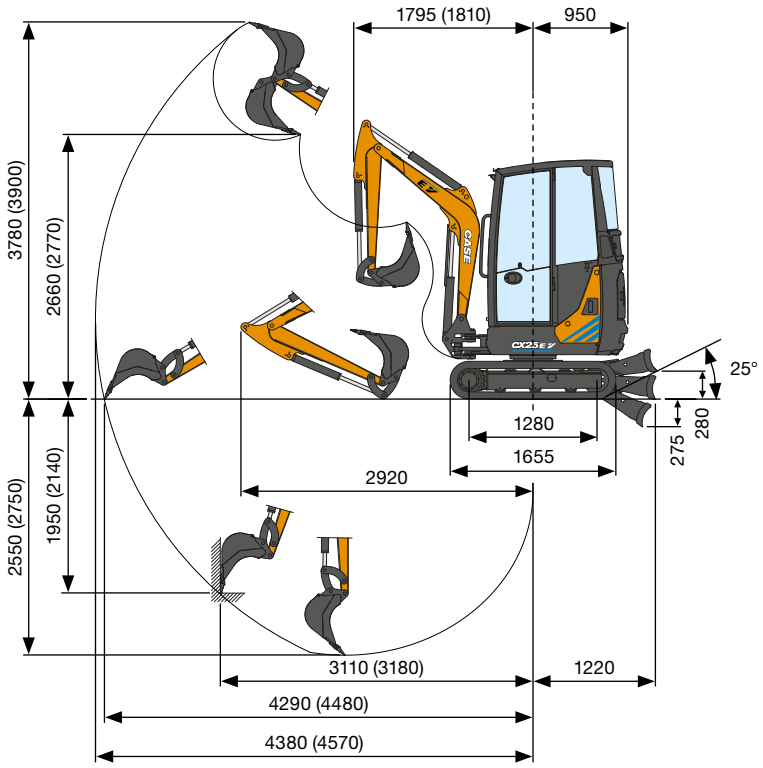
OPERATING MODES

	ECO	STD	PWR
Max. rpm	2000	2400	2600

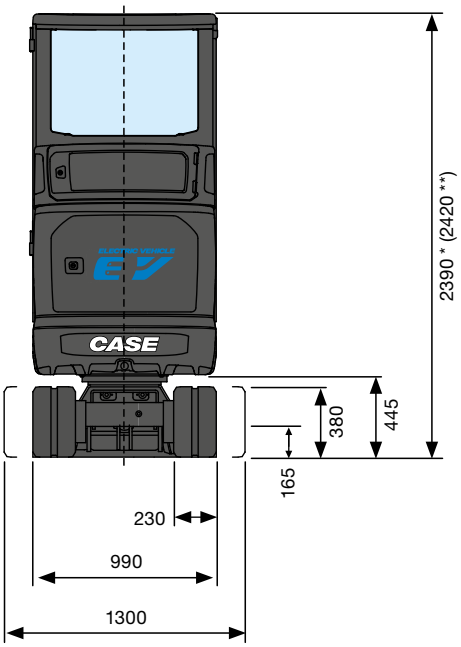
HYDRAULIC SYSTEM
Control valve _____ Load Sensing Flow Sharing
Pump type _____ 1 LS variable pump
Pump displacement (cm^3) _____ 18
Pump flow rate (l/min) _____ 46
Hydraulic system capacity (l) _____ 28
Hydraulic oil tank (l) _____ 15
Max. circuit calibration pressure (bar) _____ 210
Auxiliary system (max pressure):
AUX 1 single or double effect (l/min) _____ 40 - 210 bar
AUX 2 - optional (l/min) _____ 13/9 - 210 bar
AUX 3 - optional (l/min) _____ 28/24 - 210 bar

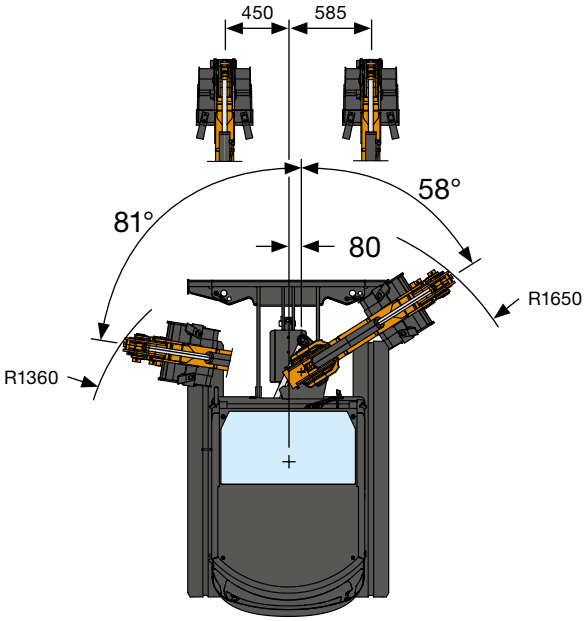
CONTROLS
Boom, dipper stick,
bucket and turret swing _____ 2 electro-proportional joysticks
Track movements
(included counter rotation) _____ 2 electro-proportional levers
Dozer blade _____ electro-proportional lever
Auxiliary system AUX 1
(single or double effect) _____ electroproportional switch on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

WEIGHTS
Transport weight with canopy (kg) _____ 2210
Transport weight with cab (kg) _____ 2340
Operating weight with canopy (kg) _____ 2340
Operating weight with cab (kg) _____ 2470



PERFORMANCE DATA		Std. Arm 1250 mm	Opt. Arm 1450 mm
Max. digging depth	mm	2550	2750
Max. dumping height	mm	2660	2770
Bucket breakout force	daN	1450	
Arm breakout force ISO 6015	daN	880	800
Traction force	daN	2100	
Ground bearing pressure	kg/cm^2	0.37	
Max. slope		60% - 30°	





* Canopy
** Cab

GENERAL DIMENSIONS		
Maximum width	mm	990 - 1300
Total height	mm	2390 * / 2420 **
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

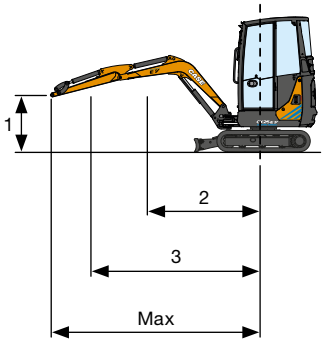
Opening arm from the rotation's center (m)
Lifting capacity (kg) at 1.0 m height
Standard counterweight

LIFTING CAPACITY	2	3	Max
Frontal and lowered dozer blade	740*	470*	400*
Frontal and lifted dozer blade	740*	460	330
Lateral, open undercarriage	690	390	280

* 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



STANDARD
AND OPTIONS

STANDARD EQUIPMENT

+ Tiltable 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
+ 1st Auxiliary (AUX1) circuit with Electro-Hydraulic proportional control
+ 2 speed travel with Automatic Shift Down (from 2nd to 1st 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, Aux-in (cab only)
+ Long arm
+ 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)
+ 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)
+ 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.

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