

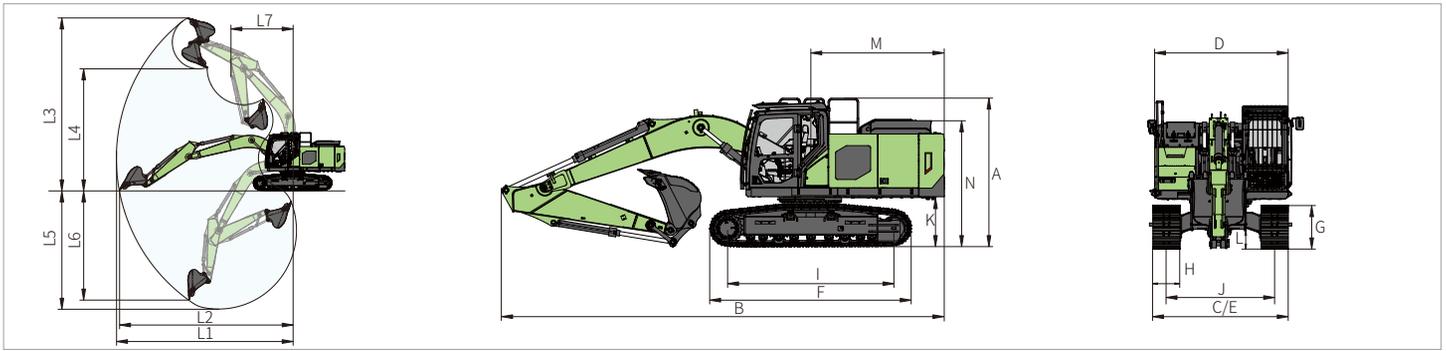
XE215EV

Electric Hydraulic Excavator



- Operating weight (kg) : 24300
- Bucket capacity (m³) : 1.05
- Rated power (kW) : 120

• XE215EV is a pure electric hydraulic excavator built by XCMG based on customer needs. It can be widely used in urban construction, mine construction, steel plant material grabbing, cargo station loading and unloading, metal smelting cleaning, tunnel construction and other projects. High-safety lithium iron phosphate battery, IP67 protection for key electrical components, safe and reliable. XCMG customized lightweight permanent magnet synchronous motor, equipped with international brand large displacement and large diameter hydraulic system, the whole machine has higher operating efficiency, high reliability and lower use cost. It is standardly equipped with a variety of attachment control modes and functions to achieve "one machine with multiple functions" and automatic lubrication. 10-inch touch screen instrument, integrated menu display, high-definition camera, more convenient operation and more comfortable driving. Strengthened turntable main structure, good structural stability; the new optimized boom and dipper structure, stress reduction of 25%, greatly improved life.



Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	24300
Motor		
Motor type	-	Permanent magnet motor
Rated power/rpm	kW/rpm	120/1895
Cooling method	-	Liquid cooling
Battery pack		
Battery type	-	Lithium iron phosphate
Battery voltage	V	618
Battery capacity	kWh	422.87
Heating method	-	Liquid heating
Cooling method	-	Liquid cooling
Main performance		
Travel speed (high/low)	km/h	5.4/3.3
Swing speed	r/min	12
Maximum swing torque	kN-m	67.2
Gradeability	-	35° (70%)
Ground specific pressure	kPa	49.5
Bucket digging force (SAE)	kN	149
Arm digging force (SAE)	kN	111
Maximum traction force	kN	200
Track		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	49
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2
Hydraulic system		
Main pump	-	2 × Variable pumps
Pilot pump	-	1 × Gear pump
Maximum flow rate of main system	L/min	2 × 221
Main system pressure	MPa	34.3
Main system pressure (power-max pressure)	MPa	37
Pilot system pressure	MPa	3.9
Travel system pressure	MPa	34.3
Swing system pressure	MPa	27.5
Hydraulic oil tank capacity	L	150

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	3240
B Overall length	mm	9720
C Overall width	mm	2990
D Upper structure width	mm	2940
E Chassis width	mm	2990
F Track length	mm	4440
G Track height	mm	940
H Standard track shoe width	mm	600
I Track wheelbase	mm	3649
J Track gauge	mm	2390
K Counterweight ground clearance	mm	1100
L Minimum ground clearance	mm	490
M Tail swing radius	mm	2950
N Hood height	mm	2772
Working range		
L1 Maximum digging reach	mm	9940
L2 Maximum digging reach at GRP	mm	9800
L3 Maximum digging height	mm	9620
L4 Maximum unloading height	mm	6780
L5 Maximum digging depth	mm	6680
L6 Maximum vertical digging depth	mm	6145
L7 Minimum swing radius	mm	3530
Cab standard		
ISO 12117-2 : 2008 (ROPS)	-	√
Standard		
Length of boom	mm	5680
Length of arm	mm	2910
Bucket capacity	m ³	1.05 <small>(Reinforced bucket)</small>
Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m ³	1.2 <small>(Earthmoving bucket)</small>

