

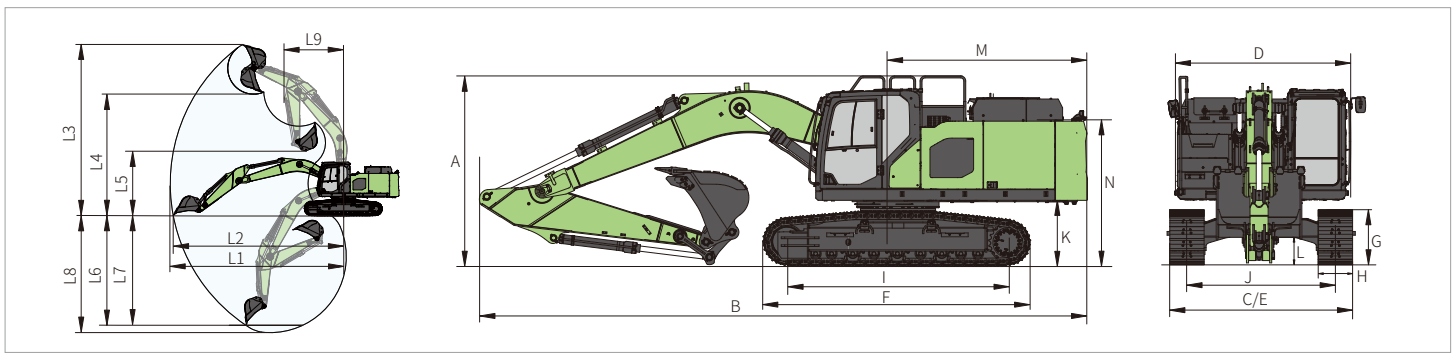
XE270EV

Crawler Excavator



- Operating weight (kg): 28300
- Bucket capacity (m³): 1.45
- Rated power (kW): 150

- Applicable to municipal engineering, tunnel engineering, smelting slag removal, port construction and other working conditions.
- Large-capacity battery life of 6-8 hours, high-efficiency and energy-saving hydraulic system, low cost of use.
- High-quality permanent magnet synchronous motor, stable output; intelligent electronic control system, high efficiency and energy saving.
- High-resolution touch screen and one-button start design provide convenient and comfortable driving experience.



Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	28300
Engine		
Electric motor type	-	Permanent magnet synchronous motor
Rated power	kW	150
Maximum torque	N·m	1500
Insulation class	-	H
Cooling method	-	Liquid cooling
Battery pack		
Battery type	-	Lithium Iron Phosphate
Battery voltage	V	579.6
Battery capacity	kWh	525.1
Fast charging time	h	2.5
Indicative runtime	h	6~8
Heating method	-	Electric heating film heating
Cooling method	-	Liquid cooling
Main performance		
Travel speed (high/low)	km/h	5.3/3.4
Swing speed	r/min	11
Maximum swing torque	kN·m	88
Gradeability	-	35° (70%)
Ground specific pressure	kPa	56
Bucket digging force (SAE)	kN	185
Arm digging force (SAE)	kN	129
Maximum traction force	kN	220
Hydraulic system		
Main pump	-	2 × Variable pumps
Pilot pump	-	1 × Gear pump
Maximum flow rate of main system	L/min	2 × 238
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	30.6
Cab standard		
ISO 12117-2: 2008 (ROPS)	-	√
Oil capacity		
Hydraulic oil tank capacity	L	150

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	3286
B Overall length	mm	10490
C Overall width	mm	3190
D Upper structure width	mm	2940
E Chassis width	mm	3190
F Track length	mm	4625
G Track height	mm	956
H Standard track shoe width	mm	600
I Track wheelbase	mm	3808
J Track gauge	mm	2590
K Counterweight ground clearance	mm	1140
L Minimum ground clearance	mm	480
M Tail swing radius	mm	3270
N Hood height	mm	2910
Working range		
L1 Maximum reach	mm	10240
L2 Maximum reach at GRP	mm	10070
L3 Maximum digging height	mm	10095
L4 Maximum unloading height	mm	7170
L5 Minimum unloading height	mm	2850
L6 8 ft. level floor digging depth	mm	6680
L7 Maximum vertical digging depth	mm	5520
L8 Maximum digging depth	mm	6925
L9 Minimum swing radius	mm	3510
Track		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	51
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2
Standard		
Length of boom	mm	6000
Length of arm	mm	2964
Bucket capacity	m ³	1.45 <small>(Reinforced bucket)</small>
Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m ³	1.2 <small>(Rock bucket)</small> 1.6 <small>(Earthmoving bucket)</small>

