

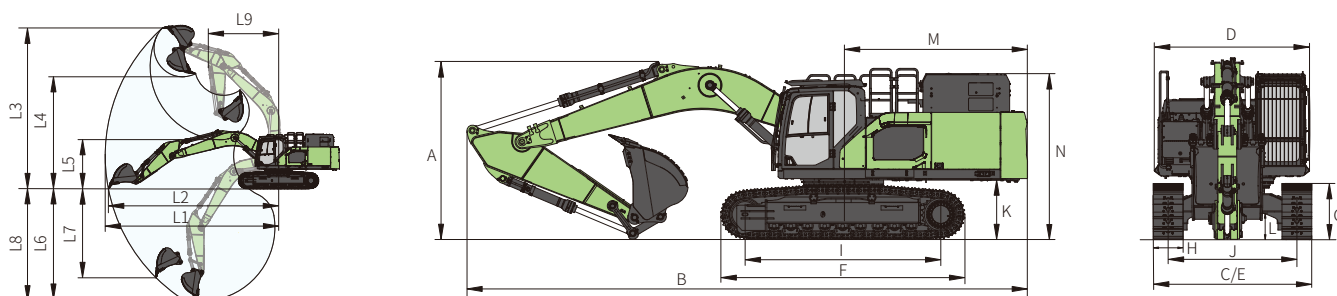
XE380EV

Crawler Excavator



- Operating mass (kg): 41900
- Bucket capacity (m³): 1.6
- Rated power (kW): 200

- Equipped with a high-displacement main pump and valve for precise control and rapid response; minimized system throttling losses ensure agile operation and flexible micro-maneuvering.
- Standard heavy-duty mining undercarriage, featuring an 8% wider friction surface on the track links and a 15% increase in service life.
- Working equipment features a 11.7% thicker main load-bearing plate and a 17.4% larger housing, extending operational lifespan by over 40%.
- It is widely used in excavation and loading, crushing in sand and gravel mines and earthwork operations in large-scale foundation engineering construction.



Technical Specification

Item contents	Unit	Parameters
Operating mass	kg	41900
Electric motor		
Electric motor type	-	Permanent magnet synchronous motor
Rated power	kW	200
Maximum torque	N·m	3000
Insulation class	-	H
Cooling method	-	Liquid cooling

Cable		
Supply voltage	V	618

Battery pack		
Battery type	-	Lithium Iron Phosphate
Battery voltage	V	618
Battery capacity	kWh	800
Standard charging time	h	10
Fast charging time	h	2.5
Indicative runtime	h	6 ~ 7
Heating method	-	Liquid heating
Cooling method	-	Liquid cooling

Main performance		
Travel speed (high/low)	km/h	5.3/2.8
Swing speed	r/min	9.6
Maximum swing torque	kN·m	135
Gradeability	-	35° (70%)
Ground specific pressure	kPa	75.3
Bucket digging force (SAE)	kN	225
Bucket digging force (ISO)	kN	269
Arm digging force (SAE)	kN	160
Arm digging force (ISO)	kN	170
Maximum traction force	kN	322

Hydraulic system		
Main pump	-	2 × Piston pumps
Maximum flow rate of main system	L/min	2 × 298.5
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	32.4

Oil capacity		
Hydraulic oil tank capacity	L	220

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	3643
B Overall length	mm	11500
C Overall width	mm	3190
D Upper structure width	mm	3023
E Chassis width (extended/retracted)	mm	3190
F Track length	mm	5071
G Track height	mm	1152
H Standard track shoe width	mm	600
I Track wheelbase	mm	4040
J Track gauge (extended/retracted)	mm	2590
K Counterweight ground clearance	mm	1303
L Minimum ground clearance	mm	535
M Tail Swing Radius	mm	3800
N Hood height	mm	3475

Working range		
L1 Maximum reach	mm	11130
L2 Maximum reach at GRP	mm	10905
L3 Maximum digging height	mm	10550
L4 Maximum unloading height	mm	7780
L5 Minimum unloading height	mm	2940
L6 8 ft. level floor digging depth	mm	7145
L7 Maximum vertical digging depth	mm	5081
L8 Maximum digging depth	mm	7290
L9 Minimum swing radius	mm	4560

Track		
Standard track shoes 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

Cab standard		
ISO 10262: 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√
ISO 12117-2: 2008 (TOPS)	-	√

Standard		
Length of boom	mm	6400
Length of arm	mm	3200
Bucket capacity	m ³	1.6 (Rock duty bucket)

