

Overall Dimensions		Unit:mm
A Overall Length	11566	
B Overall Width	3190	
C Overall Height	3763	
D Swing Frame Width	3023	
E Track Length	5071	
F Undercarriage Width(Extended/Retracted)	3190	
G Standard Track Shoe Widthth	600	
H Track Wheelbase	4040	
I Track Gauge (Extended/Retracted)	2590	
J Counterweight Clearance	1303	
K Minimum Ground Clearance	535	
L Tail Swing Radius	3800	
M Track Height	1152	

Working Range		Unit:mm
A Maximum Digging Height	10510	
B Maximum Dumping Height	7300	
C Maximum Digging Depth	7145	
D Maximum Digging Radius	10970	
E Minimum Swing Radius	4560	

Model		XE380EV
Operating Weight (kg)	41879	

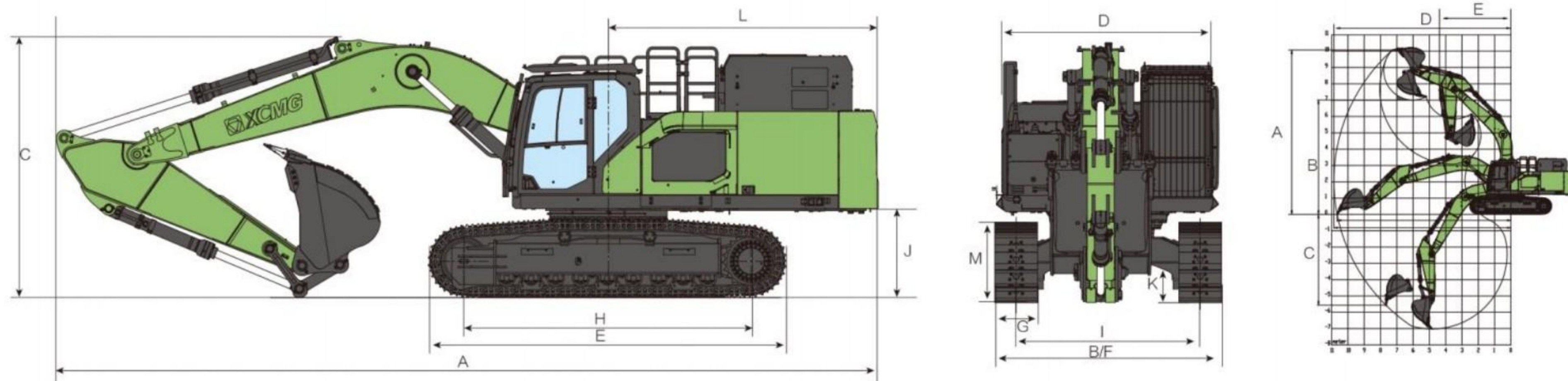
Electric Motor	
Motor Type	Permanent Magnet Synchronous Motor (PMSM)
Rated Power (kW)	200
Maximum Torque (N·m)	3000
Insulation Class	H
Cooling Method	Water Cooling

Working Equipment	
Standard Boom Length (mm)	6400
Standard Arm Length (mm)	2900
Standard Bucket Capacity (m³)	1.9 (Rock Bucket)
Optional Boom Length (mm)	6400
Optional Arm Length (mm)	2670
Optional Bucket Capacity (m³)	2.1 (Reinforced Bucket)

Main Performance	
Travel Speed (High/Low) (km/h)	5.3/2.8
Swing Speed (r/min)	9.6
Gradeability (°)	35° (70%)
Ground Pressure (kPa)	75.3
Bucket Digging Force (SAE) (kN)	263
Arm Digging Force (SAE) (kN)	213
Maximum Drawbar Pull (kN)	322

Hydraulic System	
Main Pump	2 Piston Pumps
Main System Maximum Flow (L/min)	2 × 298.5
Main System Pressure (MPa)	34.3
Main System Pressure (Boost Pressure) (MPa)	37
Pilot System Pressure (MPa)	3.9
Travel System Pressure (MPa)	34.3
Swing System Pressure (MPa)	32.4

Battery Pack	
Battery Type	Lithium Iron Phosphate (LFP)
Battery Voltage (V)	618
Battery Capacity (kWh)	801.2



Excavator XCMG380EV



纯电动液压挖掘机

PURE ELECTRIC HYDRAULIC EXCAVATOR



额定功率
Rated power 200kW

www.wme.cn/xcmg-380ev/

Main Application Scenarios

New Energy Scenarios

XCMG Group is the founder, pioneer and leader of China's construction machinery industry. It is a 100-billion-level leading enterprise and a world-leading brand with global competitiveness and influence. As the first enterprise in the industry to release a roadmap for peaking carbon emissions and carbon neutrality, XCMG adheres to the concept of "High-end & Green Leadership", builds a new energy industry chain cluster, and lays out the new energy business of all types of construction machinery. Leveraging independent core components (batteries, motors, controls), XCMG offers over 400 leading new energy products, including underground loaders, excavators, dump trucks, and hoisting machinery, widely applied in logistics, mining water conservancy, and urban environments. It integrates wind-solar-storage platforms with energy management systems to form a "machine-component-service" ecosystem, delivering comprehensive integrated solutions for green development.

Control Performance

Smooth, Stable, Responsive & Reliable

- Large-displacement main pump/valve for precise control
- Kawasaki swing motor for stable operation
- High-torque travel motor with automatic 2-speed shifting

Performance

Energy-Efficient, High-Performance & Highly Adaptable

- CATL high-capacity battery: 5-7h operating range, dual independent packs
- 400A 4-gun fast charging: full charge in 1.5h

Robust Structure

Strong, Durable, Reliable & Long-Lasting

- Heavy-duty mining undercarriage: 8% wider track, 15% longer life
- Reinforced working device: 40%+ longer service life

Cab

Comfortable Ride, Stable Operation Throughout

- New pressurized cab with intelligent HVAC
- Standard 8" LCD display with integrated menu

Compatibility

All-Purpose Access, Multi-Functional Performance

- The machine is compatible with buckets ranging from 1.9-2.1 m³. It can be equipped with optional attachments such as breaker lines, breakers, mechanical quick couplers, and hydraulic quick couplers to expand its application scope.

