



SW956E

Battery Capacity

350KW.h

Bucket capacity

2.7-5m³

Operating weight

20000kg



New platform



Self-developed VCU technology application



Advanced thermal management technology



Comfortable driving and convenient control

- ◆ New shape + Enclosed battery package + Integrated thermal management + Wet brake Axle, reliability improved by 15%, vision improved by 20%.
- ◆ Control programs self-developed, efficient matching of walking and hydraulic systems, leading technology in energy recovery, automatic slope stationing, and braking priority.
- ◆ Highly integrated cooling fan, compressor, condenser, controller integration and machine VCU, self-developed control strategy, simple and efficient.
- ◆ Electric joystick control, free gear shift at any gear and speed w/o impact; Air suspension seat, ride control system application to improve driving comfort.

Technical specifications

Battery		Transmission system	
Breakout Force	178 kN	Gearbox	Electric drive box
Tipping Load @ Full Turn	13200 kg	Shift modes	AMT
Tipping Load Straight	13900 kg	Driving speed	Forward gear I 0-16 km/h
Clearance (full lift 45° dump)	3000 mm	Driving speed	Forward gear II 0-40 km/h
Reach (full lift 45° dump)	1325 mm	Driving speed	Backward gear I 0-16 km/h
Traveling motor		Working motor	
Rated Power	120kW	Rated Power	80kw
Peak Power	240kw	Peak Power	160kW
Rated Torque	1000N.m	Rated Torque	400N.m
Peak Torque	2400N.m	Peak Torque	800N.m
Operating hydraulic system		Steering hydraulic system	
Type	Convergence of oil from both pumps	Type	Quantitative hydraulic system
Operation mode	Electric control pilot	Steering pump	Gear pump
Operating pump	Gear pump	Steering angle	38°
Hydraulic Cycle Times	11 s		

Machine dimensions

Main parameters	SW956E
Weight of complete machine	20000 kg
Rated loading capacity	5800 kg
Bucket capacity	3.5 m ³
Dimension(L*W*H)	8540 mm* 2996 mm* 3588 mm
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Item (mm)	SW956E
1 Ground Clearance	434
2 Height to Top of Cab	3588
3 Center Line of Rear Axle to Edge of Counterweight	2230
4 Wheelbase	3400
5 Center Line of Front Axle to Center Pivot	1650
6 Shipping Length without Attachment	7220
7 Shipping Length with Bucket	8540
8 Max. Dump Height	5330
9 Hinge Pin Height at Max.Lift	4180
10 Dump Clearance at Max. Lift	3000
11 Dig Depth, Level Bucket	80
12 Reach at Max. Lift and 45° Dump	1325
13 Roll Back at Max.Lift	61°
14 Dump Angle at Max. Lift and Dump	45°
15 Roll Back at Carry Height	49°
16 Roll Back at Ground	43°
17 Tail Angle to the Rear Wheel	27°
18 Clearance Circle to Outside of Tires	6400
19 Clearance Circle to Counterweight	6520
20 Max. Circle	7200
21 Width of the Bucket	2996
22 Tread	2200
23 Turning angle	+/- 38°

