

ELECTRIC WHEEL LOADER

SANY

Quality Changes the World



SW956E



New platform, high-end configuration



Comfortable driving, convenient control



Leading technology, more intelligent



Safe and reliable, convenient maintenance

- ◆ A whole new generation of E-loader, equipped with 350kWh European standard battery, FOPS/ROPS cab, air suspension seat, wet brake axle, auto lubrication, explosion-proof valve, 360° cameras and other configurations to meet the requirements of high-end markets in Europe for safety and work stability.
- ◆ Using silicone oil suspension technology, cab vibration isolation performance is superior and cab noise is as low as 67dB for high sealing. Electric joystick control, powershift control and ride control system applications for enhancing driving comfort.
- ◆ Self-developed VCU technology, efficient matching of walking and hydraulic system. Energy recovery and brake priority technologies are leading in industry. Advanced integrated thermal management technology application, control strategy self-developed, simple and efficient. A full range of control system remote OTA function, more intelligent.
- ◆ Meet CE safety regulations. Electric one-piece rear turning cover, convenient maintenance. Machine information integrated in display control screen, EVI background big data real-time monitoring, convenient detection.



Operating weight
20000 kg

Rated load
5800 kg

Bucket capacity
2.7-5 m³

Battery capacity
350kW.h

PARAMETERS

Breakout Force	178 kN
Tipping Load @ Full Turn	13200 kg
Tipping Load Straight	13900 kg
Dump Clearance (full lift 45° dump)	3000 mm
Dump Reach (full lift 45° dump)	1325 mm

TRANSMISSION SYSTEM

Gearbox	Electric drive box	
Shift modes	AMT	
Driving speed	Forward gear I	0-16 km/h
Driving speed	Forward gear II	0-40 km/h
Driving speed	Backward gear I	0-16 km/h

TRAVELING MOTOR

Rated Power	120 kW
Peak Power	240 kW
Rated Torque	1000 N.m
Peak Torque	2400 N.m

WORKING MOTOR

Rated Power	80 kW
Peak Power	160 kW
Rated Torque	400 N.m
Peak Torque	800 N.m

OPERATING HYDRAULIC SYSTEM

Type	Dual Pumps Confluence
Operation mode	Electric control pilot
Operating pump	Gear pump
Hydraulic Cycle Times	10.5 s

STEERING HYDRAULIC SYSTEM

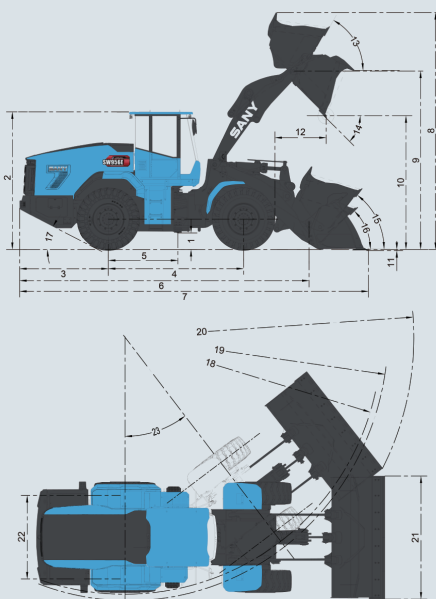
Type	Quantitative hydraulic system
Steering pump	Gear pump
Steering angle	38°

KEY SPECS

Operating Weight	20000 kg
Rated loading capacity	5800 kg
Bucket capacity	3.5 m ³
Dimension(L*W*H)	8540 mm* 2996 mm* 3588 mm
Battery Capacity	350 KW.h

ITEM (MM)

1	Ground Clearance	434
2	Height to Top of Cab	3588
3	Center Line of Rear Axle to Edge of Counterweight	2230
4	Wheel base	3400
5	Center Line of Rear 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 and 45°Dump	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	Departure Angle	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 Width	2200
23	Turning angle	+/- 38°



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SANY EUROPE GmbH

Sany Allee 1
 D-50181 Bedburg
 fon +49 2272 90531 100
 fax +49 2272 90531 109
 info@sanyeurope.com
 www.sanyeurope.com