

ELECTRIC WHEEL LOADER

SANY

Quality Changes the World



SW966E



7T capability, 6T product



Comfortable driving, convenient control



Leading technology, more intelligent



Safe and reliable, convenient maintenance

- ◆ 25 items upgraded, strengthened, integrated thermal management system, using high reliable equipment units, assuring good quality.
- ◆ Outstanding suspension technology, due to isolation performance is and cab noise is as low as 67dB high sealing, powershift control and ride control system driving comfort.
- ◆ Self-developed VCU technology, efficient matching of driving and hydraulic system. Energy recovery and brake priority technologies are leading in industry. Advanced integrated thermal management technology application, self-developed control system, simple and efficient. A full range of control system, remote OTA function, more intelligent.
- ◆ 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
23800 kg

Rated load
6800 kg

Bucket capacity
3.0-6.0 m³

Battery capacity
424/359kW.h

PARAMETERS

Breakout Force	200 kN
Tipping Load @ Full Turn	14000 kg
Tipping Load Straight	16500 kg
Dump Clearance (full lift 45° Dump)	3150 mm
Dump Reach (full lift 45° Dump)	1150 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	255 kW
Rated Torque	1200 N.m
Peak Torque	2800 N.m

WORKING MOTOR

Rated Power	115 kW
Peak Power	180 kW
Rated Torque	550 N.m
Peak Torque	1200 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

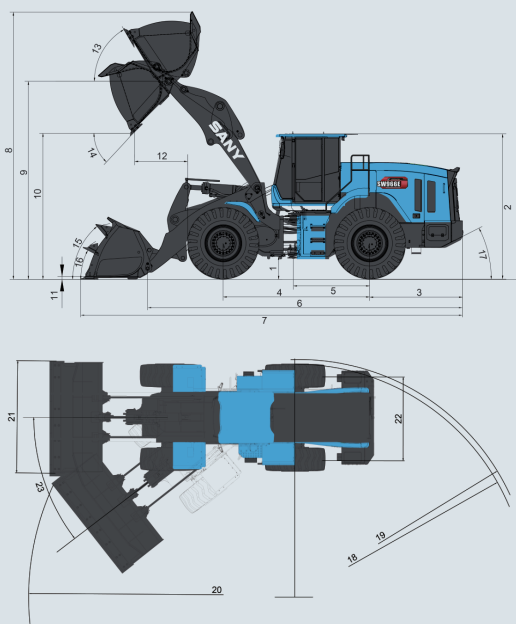
Type	Quantitative hydraulic system
Steering pump	Piston pump
Steering angle	38°

KEY SPECS

Operating Weight	23800 kg
Rated loading capacity	6800 kg
Bucket capacity	4.5 m ³
Dimension(L*W*H)	9120 mm* 3100 mm* 3540 mm
Battery Capacity	424/359 KW.h

ITEM (MM)

1	Ground Clearance	470
2	Height to Top of Cab	3540
3	Center Line of Rear Axle to Edge of Counterweight	2276
4	Wheel Base	3550
5	Center Line of Rear Axle to Center Pivot	1750
6	Shipping Length without Attachment	7949
7	Shipping Length with Bucket	9198
8	Max. Dump Height	6064
9	Hinge Pin Height at Max.Lift	4688
10	Dump Clearance at Max. Lift and 45°Dump	3150
11	Dig Depth, Level Bucket	111
12	Reach at Max. Lift and 45° Dump	1550
13	Roll Back at Max.Lift	57.7°
14	Dump Angle at Max. Lift and Dump	44.5°
15	Roll Back at Carry Height	50°
16	Roll Back at Ground	15°
17	Departure Angle	27°
18	Clearance Circle to Outside of Tires	6288
19	Clearance Circle to Counterweight	6586
20	Max. Circle	7388
21	Width of the Bucket	3200
22	Tread Width	3094
23	Turning angle	± 38°



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Huzhou Sany Loader Co., Ltd.

NO.18-666, Industrial Road, South
Taihu Lake High-Tech Industrial Park,
Wuxing District, Huzhou City, Zhejiang
Web:<http://www.sanyglobal.com>