

ELECTRIC WHEEL LOADER

SANY

Quality Changes the World



SW956E



Long working time



High Efficiency



Smart and comfortable



More reliability



Panoramic View

- ◆ The industry's first electronically controlled sliding sleeve shift transmission
- ◆ The self-developed whole machine domain control technology has the highest integration and is the first of its kind in the industry
- ◆ Active energy recovery technology, industry-leading
- ◆ The three forces (traction force, lifting force and breakout force) are all leading
- ◆ High speed and fast acceleration, leading the industry
- ◆ Brand-new, highly efficient and wear-resistant bucket + working device
- ◆ The industry's first integrated intelligent weighing system
- ◆ The industry's first remote upgrade function (standard configuration), becoming smarter and smarter with each use
- ◆ The industry's first fully inverter air conditioning system, a brand-new silent and sealed cab
- ◆ Over 3,000 units and more than 10 million hours of working condition verification, with over 200 minefields avoided
- ◆ 131 component simulation analyses, 102 bench tests, and 0 key component failures
- ◆ The integrated electric rear-flip hood and 15° large fastback design significantly increase the rearview distance, which is 35% better than that of competitors
- ◆ The third-generation panoramic four-column cab has a 20% improvement in field of vision



Operating weight
19000 kg

Rated load
5800 kg

Bucket capacity
2.7-5 m³

Battery capacity
282/359kW.h

PARAMETERS

Breakout Force	185 kN
Tipping Load @ Full Turn	12476 kg
Tipping Load Straight	14482 kg
Dump Clearance (full lift 45° dump)	3350 mm
Dump Reach (full lift 45° dump)	1260 mm

TRANSMISSION SYSTEM

Gearbox	Electric drive box	
	Shift modes	AMT
Driving speed	Forward gear I	0-15 km/h
Driving speed	Forward gear II	0-40 km/h
Driving speed	Backward gear I	0-15 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	Hydraulic Pilot Control
Operating pump	Gear pump
Hydraulic Cycle Times	9.7 s

STEERING HYDRAULIC SYSTEM

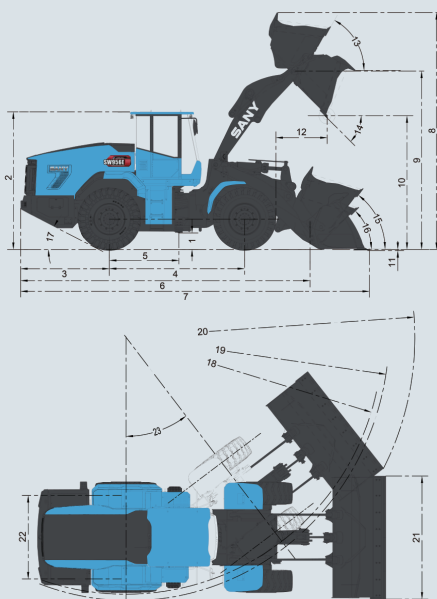
Type	Quantitative hydraulic system
Steering pump	Gear pump
Steering angle	37°

KEY SPECS

Operating Weight	19000 kg
Rated loading capacity	5800 kg
Bucket capacity	3.5 m³
Dimension(L*W*H)	8760 mm* 3096 mm* 3540 mm
Battery Capacity	282/359 KW.h

ITEM (MM)

1	Ground Clearance	420
2	Height to Top of Cab	3540
3	Center Line of Rear Axle to Edge of Counterweight	2200
4	Wheel base	3400
5	Center Line of Rear Axle to Center Pivot	1650
6	Shipping Length without Attachment	7306
7	Shipping Length with Bucket	8760
8	Max. Dump Height	5950
9	Hinge Pin Height at Max.Lift	4475
10	Dump Clearance at Max. Lift and 45°Dump	3350
11	Dig Depth, Level Bucket	75
12	Reach at Max. Lift and 45° Dump	1260
13	Roll Back at Max.Lift	61°
14	Dump Angle at Max. Lift and Dump	45°
15	Roll Back at Carry Height	53°
16	Roll Back at Ground	49°
17	Departure Angle	28°
18	Clearance Circle to Outside of Tires	6450
19	Clearance Circle to Counterweight	6570
20	Max. Circle	7265
21	Width of the Bucket	3096
22	Tread Width	2200
23	Turning angle	± 38°



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