

SANY

QUALITY CHANGES THE WORLD



 213 kW

 4.5 m³

 25000 kg

SW978L

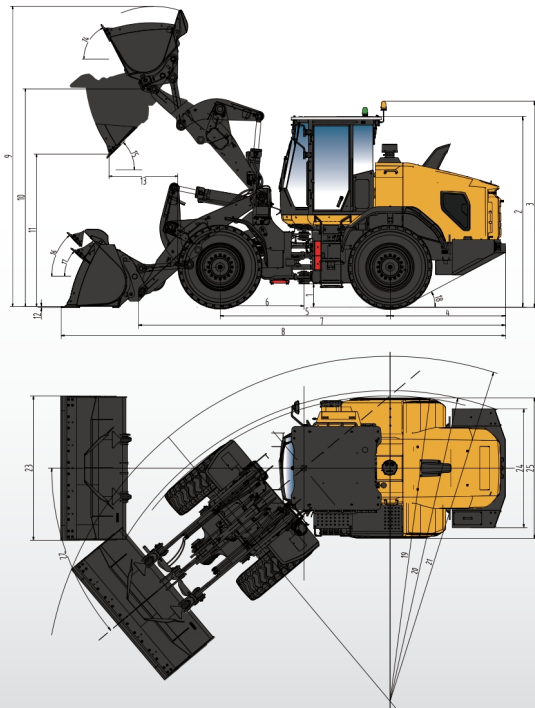
SANY Diesel Loader

TECHNICAL SPECIFICATION

TRANSMISSION	VALUE
Manufacturer and Model	ZF 5WG260
Type	Crankshaft, Power Shift
Shift Modes	Automatic, Manual, Kick Down, Lock up clutch
Forward Gear 1-5	≤41 km/h
Reverse Gear 1-3	≤27 km/h
AXLES/ BRAKES & TIRES	VALUE
Manufacturer (Front / Rear)	ZF / ZF
Front Axle	Fixed
Front Axle (Differential)	Auto/Manual Locking Differential
Rear Axle	Oscillating
Rear Axle (Differential)	Open Differential
Service Brakes	Wet Disc
Parking Brake	Disk Brake
Tires	26.5R25 L3 Radial

MACHINE DIMENSIONS

KEYSPECS	VALUE
Operating Weight	25000 kg
Manufacturer and Model	Cummins L9
Non-Road Emission Standard	EPA Final Tier 4/EU Stage V
Cylinders	6
Displacement	9
Rated Engine Power	213kW@2000r/min
Max Gross Torque	1636N·m



OPERATING CAPACITY (JRB)	VALUE
Bucket Capacity (Heaped)	4.5 m³ (5.85 yd³)
Breakout Force	221 Kn
Tipping Load Straight	19390 Kg
Tipping Load @ Full Turn	17310 Kg
Hinge Pin Height (max lift)	4535 mm
Clearance (max lift 45° dump)	3220
Reach (max lift 45° dump)	1100

SERVICE CAPACITIES	VALUE
Fuel Tank	450 L
Cooling System	45 L
Engine Crankcase	31 L
Transmission	38 L
Front Axle	42 L
Rear Axle	42 L
Hydraulic Tank	150 L
DEF Tank	45 L

ITEM	UNIT	VALUE
1 Ground clearance	mm	440
2 Height to top of cab	mm	3580
3 Ground to beacon	mm	3860
4 Center line of rear axle to edge of counterweight	mm	2400
5 Wheelbase	mm	3550
6 Center line of front axle to center pivot	mm	1775
7 Shipping length without attachment	mm	7560
8 Shipping length with bucket	mm	9260
9 Max. dump height	mm	6045
10 Hinge pin height at max. Lift	mm	4535
11 Dump clearance at max. Lift	mm	3220
12 Dig depth, level bucket	mm	140
13 Reach at max. lift and 45° discharge	mm	1100
14 Roll back at max. Lift	°	59°
15 Dump angle at max. lift and dump	°	46°
16 Roll back at carry height	°	43°
17 Roll back at ground	°	43°
18 Tail angle to the rear wheel	°	26°
19 Clearance circle to outside of tires	mm	6840
20 Clearance circle to counterweight	mm	6930
21 Max. circle	mm	7350
22 Max. steering angle	°	38°
23 Width of the bucket	mm	3200
24 Counterweight width	mm	2539
25 Overall tire width	mm	3000

Reminder:

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