

Superior technology for cleaning



RootsSweep RD 180

The Ultimate Sweeper



Diesel Operated, Power sweeper Theoretical Area performance up to 29,600 m²/hour. Roots -Perfect from product to service



Filter Cleaning System



Technologically Superior and most advanced Air Purge based filter cleaning system.

Powerful Shock Absorbers and Suspensions



Hydraulically controlled drive wheels designed with powerful shock absorber and suspensions.

Large Hopper



The large hopper with 900L capacity supports longer operations.

Dual Impeller Kit



The Ultimate Sweeper - as the name implies, the powerful vacuum generated with the help of Dual Impeller Kit, thoroughly controls flying dust out while in operation.

Wide Sweeping Path

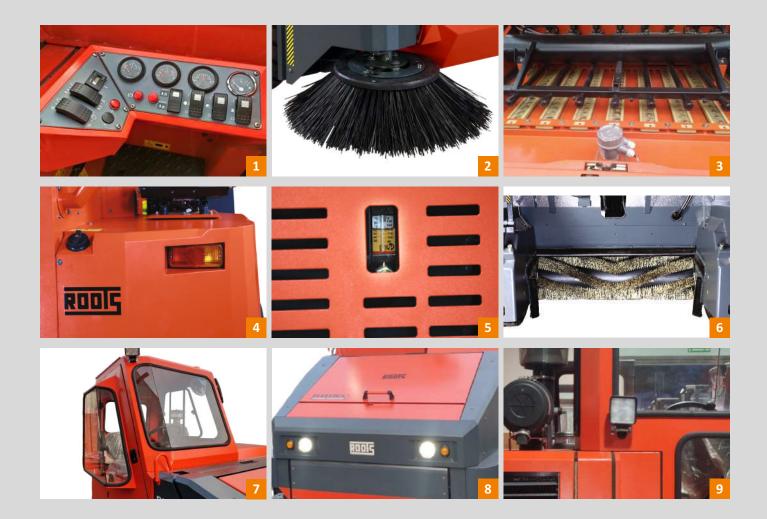


Best in class sweeping width. Theoretical area performance up to 29,600 m²/hr.

Pneumatic Broom Adjustment



Main broom pressure adjustment is automatic with specially designed Pneumatic system. Automatically adjusts to the set pressure even on surface with undulations.



- 1 A Smart Control Dashboard ,with easy 6 V-Shaped broom for effective sweeping. Dense bristle bunch for achieving optimum switch operation. results. 2 Hydraulically driven side brush removes 7 Spacious and fully closed pressurized cabin, heavy deposits of soil from medians easily. In-built as standard. 3 Unique and superior feature for filter Powerful Twin LED Head Lamps. 8 cleaning with Air Purge. 4 Turn indicators and fuel cap with lock 9 Additional LED Lamp for specific focus. available as standard.
- 5 Temperature cum level indicator for hydraulic tank easily visible for monitoring.

TECHNICAL SPECIFICATIONS

Machine Performance	RD 180
Maximum Vehicle Speed (FWD) Normal Sweeping Speed Clearance Circle Radius Maximum Gradability Sweeping width without side broom Sweeping width with one side broom Sweeping Area Performance with one side broom (Practical) Sweeping Area Performance with one side broom (Theoretical)	16 km/hr 8 to 11 km/hr 2380 mm 20 % 1400 mm 1850 mm 19,425 m ² hr @ 10.5 km/hr 29,600 m ² hr @ 16 km/hr
Engine	
Manufacturer Type Maximum Power	Mahindra 575 ELS - Diesel 35.4 kW / 47.5 HP
Steering	
Туре	Hydraulic Power Steering
Filter System	
Filter Surface Area Cleaning Method	18 m² Reversible Pulse Jet
Braking System	
Service Brake Parking Brake	Hydraulic Cable / Lever Operated
Electrical System	
Battery Starter Type	12 V / 80 Ah Electric
Debris Hopper	
Hopper Volume Maximum Lift Height	900 Litres 1820 mm
Machine Dimensions	
Length (Operation) Width (Operation) Height Weight	3125 mm 1796 mm 2320 mm 2860 kg

Roots reserves the right to make any changes considered necessary for the purposes of improvement at any time or for any reason without prior notice, in line with its policy of continuous product development and progress.

Our Product Range - Sweepers, Scrubber-Driers, Vacuum Cleaners, Single Disc Scrubbers, Mini Floor Washers, High Pressure Water Jet Cleaners, City Sweepers, Bins, Mops & Trolleys.



Vismaya Traders

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