



ROOTS ROAD SWEEPER

RS6000



PRODUCTIVE | POWERFUL



**ROOTS -
perfect from
product
to service**

ROOTS ROAD SWEEPER RS6000

OVERALL DIMENSIONS (CHASSIS DEPENDENT)

Length	-	7200 mm
Height	-	3000 mm
Width	-	2300 mm

DEBRIS HOPPER

Capacity	-	6 Cubic Metres
Water Tank	-	1000 Litres
Dumping Height	-	1100 mm
Dumping Tilt Angle	-	52°
Dumping	-	Hydraulic
Dumping Controls	-	In Cab
Inspection Doors	-	One Each Side of Hopper

SWEEPING EQUIPMENT

Overall Sweeping with one side brush	-	2100 mm
Side Broom	-	Φ 500mm (Φ600 Optional)
Side Broom Type	-	Single Segment Steel Tined
Main Broom	-	Φ 400mm x 1200mm Length
Main Broom Type	-	Cylindrical PP Roller Broom
Broom Drive	-	Hydraulic Motor
Direction Change	-	Hydraulic Cylinder
Suction Nozzle	-	500mm width
Suction Nozzle Type	-	Independent Suction Nozzle
Operation Direction	-	Forward
Suction Hose	-	Φ 250mm
Hose Construction	-	Reinforced Moulded Rubber
Wander Hose	-	Φ150mm x 3000mm Length

AUXILIARY ENGINE

Model	-	Greaves 4G11T
Induction System	-	Turbo
Combustion System	-	Direct Injection Diesel
Number of cylinders	-	4
Displacement	-	4500 cc
Power Rating	-	107 HP @ 2200 rpm
Cooling System	-	Liquid Cooled
Starter	-	12 Volts, 4.5 Kw
Alternator	-	12 Volts, 50 Amp
Battery	-	12 Volts, 105 Ah
Oil Filter	-	Spin-on
Air Cleaner	-	Dry Type
Safety Shutdown	-	Automatic

SUCTION EQUIPMENT

Fan Type	-	Centrifugal Fan
Fan Drive	-	Belt Drive
Housing Construction	-	Welded Mild Blade
Liner	-	Replaceable Rubber

HYDRAULIC SYSTEM

Type	-	Gear Pump
Fluid Capacity	-	70 Liters
Drive	-	Direct Drive
Filter	-	10 Micron Spin-on
Strainer	-	80 Mesh

CAB CHASSIS

Manufacturer	-	ASHOK LEYLAND Ecomet 1212
Wheel Base	-	4200mm
Turning Circle Radius	-	8500mm
GVM	-	12900 Kgs
Cab Type	-	Cab Over Engine, Full Tilt
Electrical System	-	12 Volts
Engine Model	-	H Series TCIC
Number of Cylinders	-	4 in Line
Power	-	88 KW@2400 RPM
Torque	-	40 kgm @1600 RPM
Oil Filter	-	Full Flow / Spin-on
Air Cleaner	-	Dry Type Remote Mounted
Service Brakes	-	Full Air Dual line S-Cam Brake System
Parking Brakes	-	Spring Actuated, Pneumatic (On Rear wheels)
Gear Box	-	Synchromesh
No. of Gears	-	5 Forward & 1 Reverse
Steering Type	-	Power Steering
Tyres	-	8.25 x 20 - 16 PR
No. Of Wheels	-	Front : 2, Rear : 4, Spare : 1

STANDARD EQUIPMENT

- Spare Wheel & Tyre (supplied separately)
- Auxiliary Engine Safety Shutdown
- Work Lights to each side, rear and Aux Engine Bay
- Additional High Mounted Stop & Indicator Lights
- Two Rotating Amber Beacons

Branch / Dealer

The manufacturer 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 their policy of continuous product development and progress.

Other Products of Roots - Mops, House Keeping Trolleys, Bins, Sweepers, Scrubber-Driers, Vacuum Cleaners, Mini Floor Washers, Hot Water Pressure Jet Cleaners and Detergents.

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