

ROOTS RSR6000E

Road Sweeper



**Regenerative type, Truck Mounted Sweeper
with capacity of 6 cubic metres and above.**

**ROOTS -
Perfect from
Product
to Service**

ROOTS RSR6000E ROAD SWEEPER

TECHNICAL SPECIFICATION

OVERALL SWEEPING WIDTH

With Dual Brooms	:	3300 mm
With One Broom	:	2650 mm
With Suction Head	:	2030 mm

AUXILIARY ENGINE

Model	-	ALHT4CT1C3
Induction System	-	Turbo
Combustion System	-	Direct Injection Diesel
Number of cylinders	-	4
Displacement	-	4000 cc
Power Rating	-	101 HP @ 2200 rpm
Cooling System	-	Liquid Cooled
Starter	-	12 Volts, 2.8 Kw
Alternator	-	12 Volts, 55 Amp
Battery	-	12 Volts, 80 Ah
Oil Filter	-	Spin-on
Air Cleaner	-	Dry Type
Safety Shutdown	-	Automatic

ELECTRICAL SYSTEM

Display	:	3.5"
Outputs	:	Solidstate/Relay
Protection	:	Fuse
Controls	:	24 Volts

DEBRIS HOPPER

Capacity	:	6 Cubic Metres
Construction	:	Heavy Gauge Stainless Steel
Dumping	:	Hydraulic
Inspection Doors	:	One Each Side of Hopper
Dumping Controls	:	In Cab
Dumping Height	:	1100 mm
Dumping Tilt Angle	:	52 degrees
Interior Finish	:	Natural Stainless Steel
Exterior Finish	:	Painted, White
Wander Hose/Nozzle	:	Φ200mm x 4000mm Length

SUCTION FAN

Type	:	Centrifugal Fan
Drive	:	3 XPB Section V Belt
No. of Blades	:	10
Diameter	:	810 mm
Mounting	:	2 Sealed Bearing Units
Construction	:	Welded Steel Blades

SUCTION FAN CASING

Construction	:	Welded Mild Steel
Liner	:	Replaceable Rubber
Vacuum Enhancer	:	for Light / Heavy Material

SWEEPING HEAD

Type	:	Dual Chamber Full Width Blast Orifice
Operating Direction	:	Forward
Suspension	:	Adjustable Spring Balance
Full Width	:	2030 mm
Suction Hose Diameter	:	350 mm
Blast Hose Diameter	:	350 mm
Hose Construction	:	Reinforced Moulded Rubber Mild Steel
Skids	:	with Tungsten Carbide Inserts
Controls	:	Hydraulic Raise & Lower
Full Width	:	Adjustable Front Skirt

HYDRAULIC SYSTEM

Type	:	Gear Pump
Fluid Capacity	:	70 Liters
Drive	:	Direct Drive
Filter	:	10 micron Spin-on
Strainer	:	80 mesh

DUST CONTROL

Water	:	1000 Liters
Tank Construction	:	Polyethylene
Fill Diameter	:	50 mm (pipe) / 100 mm (tank opening)
Controls	:	Electric In-Cab

GUTTER BROOM

Type	:	4 Segment Steel Tined
Diameter	:	1000 mm
Drive	:	Hydraulic Motor
Speed	:	Variable Non-Reversing
Tilt Adjustment	:	Electric In-Cab

LIGHTS

Side Brush	:	1 Unit Each Side
Rear Door	:	2 Units
Aux Engine Bay	:	1 Unit

OVERALL DIMENSIONS

Height	:	3090 mm
Width	:	2400 mm
Length	:	6780 mm
Empty Weight	:	8000 kgs

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.



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