

Truck Mounted Vacuum RSV 5000



Truck Mounted Vacuum

RSV 5000

- Large collection tank of 8 m³ volumetric capacity which has big filter with 34 m² surface area
- Automatic filter cleaning system allows the unit to operate for longer periods without interruption.
- Hydraulic container tilting mechanism
- The unit is easily mountable on a suitable truck or trailer.

DIMENSIONS OF KIT

Length	5411 mm
Width	2100 mm
Height	2200 mm
Empty Weight	4500 kgs
Paint Color	White, PU based

AUXILIARY ENGINE

Manufacturer	Ashok Leyland
Model	4 cylinder Diesel Engine, Water cooled
Horsepower	101 hp / 75 kw @ 2200 rpm
Net Torque	390 @ 1440 - 1600 rpm
Air Cleaner	Spin on type
Oil Filter	Spin on type
Diesel Tank	150 lit
Electrical	24V
Radiator fan	Pusher
Displacement	3839 cc

BLOWER

Manufacturer	Robuschi
Type	3 Lobe Rotary with atm air injection
Construction	Cast Iron
Bearings	2 sealed Bearings
Shaft	60 mm Diameter
Drive	5 XPB Section Banded Individual V Belt
Air flow (Max)	3000 m ³ /h (1765CFM)
Vacuum Pressure (Max)	700 mbar (21" of HG)
Pressure relief Valve	610 mbar (18" of HG)
Maximum pump temp	140°C

HOPPER BODY

Hopper	Heavy gauge carbon steel
Steel	5mm (6 gauge) for walls and floor
Construction	welded carbon steel
Volumetric Capacity	8 cubic meters (10.4 cubic yards)
Useable Capacity	5 cubic meters
Dumping Method	Rear Door Dump
Dump Door	1350 mm Self Locking Hydraulic Fingers
Dump Height	1100 mm

FILTRATION CHAMBER

Type	Bag type - Primary
Clean Method	reversible Pulse jet
blast Orifice	High pressure Located in top
Function	Separate Blast Orifice for each bag
Filtration Area	34 sq m
Bag Filter - Filtration size	3 microns
Bag Filter material	Felt Polyester 550g/sq.m
Pump cooling Filter	Catridge type, 1 micron
Secondary Filter	Catridge type, 1 micron
No.of. Catridge Filters	3
Purging tank capacity	11 lit
Air tank Capacity	60 lit
Air compressor	230 cc Engine direct driven

HYDRAULIC SYSTEM

Drive	PTO Gear Pump from Aux Engine
Pump Type	Fixed Displacement
Reservoir	34 Litres
Filtration	10 Micron Spin-on lock and close
Function	Hopper tiling & RD lock and close

ELECTRICAL SYSTEM

Display Size	5 inch
Warnings	Indication and Buzzer in Cab
Electrical Control Panel	Body mounted
Ignition Switch	Start / stop - Push button type
Filtration Switch	Auto / manual (Adjustable timing)
Battery	24 Volts, 80 Ah

CONTROLS

Shutdown System	3 Point System (LLOP, HWT, Over speed)
	Emergency stop switch

ACCESSORIES

Standard Accessories	Fluidized Bulk Nozzle
	Bulk Nozzle
	100 dia Hose x 20 mts
	Hose connectors
Optional Accessories	Extension hose,
	Special Filters

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, Trolleys.

Mini Floor Washers, High Pressure Water Jet Cleaners, City Sweepers, Bins, Mops &

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