

RootsSweep RD 160

Heavy Duty Ride-on Sweeper

RHINO
POWER SWEEPER



Diesel Operated,
Debris Compact System.
Area performance up to 17,300 m²/hour.

ROOTS -
Perfect from
Product
to Service



Incomparable features and performance to clean the most challenging conditions.

The Rhino RD160 is built robust with design features for long hours of fatigue free sweeping in harsh and demanding applications.

Durable for tough environment

With a rugged chassis, heavy duty bumper and all around powder coated steel body the Rhino 160 is made to last for long years in tough environments.



Design

High seating position gives the operator the best visibility of the area to be swept. Curved rear bumper makes it easy to negotiate tight corners and take short turns without collisions.

Maximum Filtration - Reduces airborne dust

Reduces airborne dust: Two large filters with elastomer frames and an innovative spider bracket with multi-point filter agitation system ensures very high levels of dust filtration.



Power Train

Tested and proven Kubota engine with world-wide service and spare parts support.



Operator friendly - Greater Productivity

The RD 160 is tough on dust but soft on operators. Ergonomic design of seat, steering and all controls ensures fatigue free operation for long hours.



Side broom integrated with the arm - enables riding on bumps and speed breakers easy without any damages.

Hopper with Debris Compact System (DCS)

The hopper of RD160 can be rolled at multi-levels to fill the hopper to the maximum level possible thus utilizing most of the hopper volume.



- 1** Comfortable, aesthetic and ergonomic driver seat. All controls within easy reach of the operator.
- 2** Instrument cluster with easy complete visibility to operator.
- 3** Main broom and side broom adjustment can be done on the go from driver's seat.
- 4** Spider bracket for multi-point filter cleaning ensures maximum filter cleaning helps in uninterrupted sweeping even in heavy dust environments.
- 5** Turn indicators and fuel cap with lock available as standard.
- 6** Main broom removal and replacement needs no tools.

- 7** Adjustable driver seat with foldable arm for maximum operator comfort.
- 8** Removal of filters in hopper easy with toggle clamps.
- 9** V-Shaped broom for effective sweeping. Dense bristle bunch for achieving optimum results.
- 10** Temperature cum level indicator for hydraulic tank easily visible for monitoring.
- 11** Gas filled shock absorbers for engine hood and hopper hood.
- 12** Hand brake for safety whilst parking.

Other Features :

- Ideal for harsh environment with large capacity hopper and an efficient filter system.
- Maximum cleaning productivity with a wide sweeping path.
- Robustly built to sweep dirt, dust, metal shavings, bolts, wood and the likes.
- Headlamps for safe operation in low lit areas.
- High performance hydraulic system for both machine function and driving.
- Rear view mirror, reverse horn and tail lamps are fitted as standard accessory for operator convenience and safety.

Optional Accessories :

- Fire in Hopper Indicator • Clogged Filter Indicator • Canopy • Cabin • Cabin with Air Condition
- Seat Belt • Battery Compartment Lock • Reverse Alarm • Warning Beacon • LED Working Lamps
- Choice of Tyres - Solid & CSE • High Capacity Donaldson Air filter with Turbo Pre-cleaner

Technical Specification :

Dimensions and Weight	RD 160
Length without side broom	2640 mm
Width without side broom	1580 mm
Height up to canopy	2255 mm
Dead weight	1900 kg
Driving and Sweeping Performance	
Sweeping width with one side broom	1650 mm
Theoretical sweeping performance	17300 m ² /hr
Gradability	18%
Filter System	
Filter area	12 m ²
Main Broom	
Main broom length	1220 / 360 mm
Side broom diameter	660 mm
Dirt Hopper	
Hopper volume	640 liters
Dump height	1430 mm
Powertrain	
Type	Kubota, 4 Cylinder, Water Cooled, Diesel Engine
Cubic capacity	1498 cc
Rated power	26.5KW / 35 HP

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.



Adh/RM/CL/RD160/04/2016/1000

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