



ADDING VALUE



# RD 160

**POWERFUL**  
RIDE-ON SWEEPER



Diesel  
Operated

Debris  
Compact System

17,300 m<sup>2</sup>  
Cleaning/Hour



## INCOMPARABLE FEATURES AND PERFORMANCE TO CLEAN THE MOST CHALLENGING CONDITIONS

The Rhino RD 160 is the most robust and fuel efficient in its class - specially designed to sweep heavy concentration of industrial debris, stone, glass, metal chips, pellets, sand particles found in extreme industrial and manufacturing environments, both indoors and outdoors.

### DURABLE FOR TOUGH ENVIRONMENTS

Rely on consistent performance, despite harsh and demanding environments, with the RD 160 sweeper's rugged chassis and heavy duty bumper.

### MAXIMUM FILTRATION - REDUCES AIRBORNE DUST

The RD 160's filtering system includes two high-efficiency filters that trap particles capturing all airborne dust.

A powerful filter shaker ensures that the filter is always clean to ensure high filtration standards.

### OPERATOR FRIENDLY - GREATER PRODUCTIVITY

The RD 160 is tough on dust but is soft on operators. With adjustable seat and power steering with tilt function ensures a fatigue free working.

## FEATURES



### DESIGN

High Seating position gives the operator complete view of the area to be swept. Curved bumper for easy turnings, Ergonomically positioned controls.

### POWER TRAIN

Powerful, yet, most fuel efficient diesel engine with hydraulic system for unequaled sweeping and driving performance. Large hood for easy access for service and maintenance.

### CHASSIS

Heavy duty powder coated chassis. Curved rear bumper for easy turning at walls to avoid collision. Front bumper with headlamps.

### DEBRIS COMPACT SYSTEM - DCS

DCS helps to use the hopper capacity to optimum level by rolling the hopper to hold maximum debris. No frequent emptying is needed. Multilevel high dump hopper. Fully balanced hydraulic lifting of debris. Increased Productivity.

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## HOPPER

Heavy duty powder coated hopper. Powerful cylinders & twin lift arms help to raise / lower the hopper for multilevel dumping. Suction by-pass feature to aid in occasional wet sweeping.



## FILTER SHAKER

Powerful filter shaker system to keep the filters clean so as to increase sweeping efficiency.



## POLY - MAXX PANEL FILTER

High efficiency panel filters to eliminate airborne dust. 99% efficient.



## CONTROLS

Ergonomic positioning of all the control levers and gauges.



## XTRADENSE MAIN BROOM

V-Shaped broom for effective sweeping, dense bristle bunch for achieving optimum results.



## STEERING

Power assisted steering with tilt function for enhanced operator comfort and easy manoeuvrability of the vehicle.



## MAIN BROOM ACCESS

Easy access to the main broom chamber. T-Key provided to remove the main broom assembly easily.



## SIDE BROOM

Electrically operated side broom with dual speed for optimum sweeping results.



## OPERATOR SEAT

Ergonomic operator seat with adjustable handle. Seat can be adjusted for forward and backward movement.

OTHER FEATURES

- Ideal for harsh environments with large capacity hopper and an efficient filtering system
- Maximum cleaning productivity with a wide sweeping path
- Robustly built to sweep dirt, dust, metal shavings, bolts, wood & the likes
- Two speed option, normal & power speed helps to save fuel when machine is operated in moderate dust conditions
- Overhead guard for dust protection and operator safety
- 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

ACCESSORIES (OPTIONAL)

Turbo Filter (For high dust application) | Soft Tarpaulin | Warning beacon

TECHNICAL SPECIFICATION

| DIMENSIONS AND WEIGHT              |                                                       |
|------------------------------------|-------------------------------------------------------|
| Length without side broom          | 2640 mm                                               |
| Width without side broom           | 1580 mm                                               |
| Height upto canopy                 | 2255 mm                                               |
| Dead weight                        | 1900 kg                                               |
| DRIVING AND SWEEPING PERFORMANCE   |                                                       |
| Sweeping width with one side broom | 1650 mm                                               |
| Theoretical sweeping performance   | 17300 m <sup>2</sup> /hr                              |
| Gradability                        | 18 %                                                  |
| FILTER SYSTEM                      |                                                       |
| Filter area                        | 12 m <sup>2</sup>                                     |
| 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                               | Mahindra, 3 Cylinder, Water Cooled, Diesel Engine, DI |
| Cubic capacity                     | 2048 cc                                               |
| Rated power                        | 28.7KW / 39.0 HP                                      |