

**INDUSTRIAL
BRUSHWARE**

The Specialist Brush Manufacturers

ROOTS
ADDING VALUE

The All New
**RootsSweep
RB120**



**Perfect sweeper for Indoor and
Outdoor sweeping**

Machine Overview



Key Features

Hydraulic Dumping System



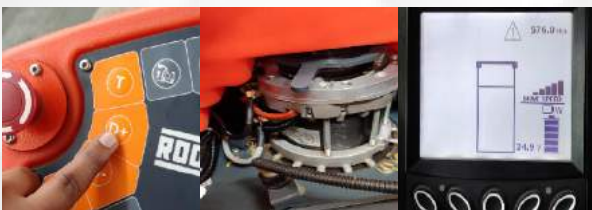
Electrically operated hydraulic dumping system for hopper raise, lower & dumping.

Dust Suppression System



Water spray system for side broom to suppress the flying dust and enhance the sweeping performance.

Variable Drive Speed



Variable speed drive motor, supports machine speed as required, depending upon the traffic and surface conditions.

CAN Bus Electrical System



Advanced CAN Bus Electrical System is supported by large display panel which indicates all functions to the operator.

Performance



- The RootsSweep RB120 is the perfect machine for indoor and outdoor sweeping with area performance upto 12,400 m²/h.
- RB120 machine is equipped with powerful 24V/420Ah battery as standard offering which gives extended running hours.
- Ergonomically designed – comfortable operator seat with back rest.
- One touch control panel ensures ease of operation.
- Hydraulic dumping system with dumping height up to 1.6 m.
- Automatic filter shaker mode and large filter surface area provide effective dust control.
- Hydraulic end cushion cylinders for smooth hopper operation.
- Hopper sensors for enhanced safety.

Safety Features

- Seat Switch**
Operator presence control. Machine stops if operator is not present in the seat
- Emergency Stopper**
One press control to stop the machine, In case of emergency
- Circuit Breaker**
Protects the side brush in case of overload
- Electromagnetic Brake**
High efficiency braking for enhanced safety
- Dynamic Regenerative Brake**
Excellent braking efficiency even when the machine is operated on slopes.
- Safety Arm**
Safety arm for additional safety during maintenance

Sensors

Array of 8 sensors support enhanced performance.



Hopper Rotate Sensor



Hopper Open Sensor



Hopper Level Sensor



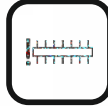
Ramp Sensor



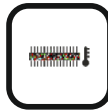
Water Level Sensor



Filter Clog Sensor



Main Broom Wear Sensor



Main Broom Overload Sensor

Sweeping Width

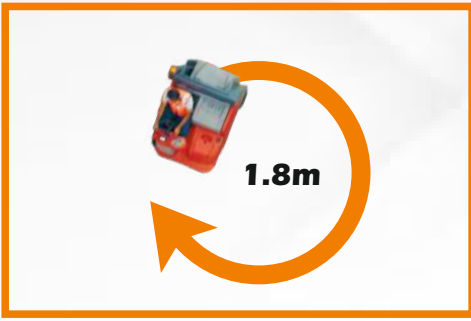


Sweeping width with one side broom
1200 mm



Sweeping width with dual side brooms
1550 mm

Advantages



Low turning radius - 1800 mm



Ergonomically designed and easily accessible control panel with soft touch buttons



Excellent Sweeping, removes even accumulated soil with ease

Standard Accessories

- Pneumatic tyre
- Poly propylene brush
- LED head lights
- Water spray dust suppression
- 24V/420Ah Battery
- Operator presence switch with seat belt

Optional Accessories

- Solid tyre
- Brushes with Poly Mix
- Left side brush with water spray System
- Traction Batteries 24V, 480Ah
- Superior fine dust filter



- Offers 20% Gradeability.
- Easier to climb slopes
- Extremely useful in sites with multiple levels

20%

Technical Specifications

Description	Units	RB120
Sweeping path - Mainbroom only	mm	850
Sweeping path with one side broom	mm	1200
Sweeping path with dual side brooms	mm	1550
Sweeping performance with one side broom	m ² /h	9600
Sweeping performance with dual brooms	m ² /h	12400
Battery	V/Ah	24/420
Maximum Gradability	%	20
Hopper volume	liters	155
Maximum lifting height	mm	1640
Filter surface	m ²	7.1
Sound pressure level	dB (A)	75
Water Tank Capacity	liters	40
Dimensions(LxWxH)	mm	1915x1250x1640
Dead weight	kg	685

Branch / Dealer

Industrial Brushware reserves the rights to make any changes considered necessary for the purpose of improvement at any time 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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