



Superior Cleaning Technology

RootsSweep RD120

Compact Ride-on Sweeper



**Compact and user-friendly
Perfect Sweeper with
Area performance up to 12,400 m²/ hour**

**Roots -
Perfect from
product to service**

RootsSweep RD120

Compact Ride-on Sweeper

- RootsSweep RD120 is a compact ride-on sweeper powered by a powerful diesel engine.
- Its wide sweeping path enables fast and efficient sweeping, delivering area coverage of up to 12,400 m²/h.
- Designed with easily accessible manual lever controls ensures easy maneuverability for precise operation.
- With a low turning radius of 1.8 metres, the RD120 easily navigates narrow aisles and congested areas.
- Adjustable operator seat with backrest, provides enhanced comfort during extended working hours.
- The machine is equipped with a large-capacity debris hopper featuring hydraulic discharge with a dumping height of up to 1.6 metres, ensuring uninterrupted cleaning and easy disposal into standard waste containers.
- A large filter surface area combined with an Electric Dust Filter Shaker ensures effective dust suppression during operation.
- Service and parking brakes, along with a safety beacon, enhance overall operational safety.
- Suitable for sweeping both Indoor and Outdoor environments such as Factories, Warehouses, Logistics yards, and Industries.

Technical Specification:

Description	Units	RD120
Sweeping Path - Main Broom 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	m²/h	9600
Sweeping Performance with Dual Brooms	m²/h	12400
Maximum Gradability	%	20
Hopper Volume	litres	155
Maximum Lifting Height	mm	1640
Filter Surface	m²	7.1
Dimensions (LxWxH)	mm	1915x1250x1640
Dead Weight	kg	880
Forward Speed	km/hr	10
Engine		
Manufacturer		KUBOTA
Model		Z482-E4B-EU-X2
Maximum Power	kW / HP	9.9 / 13.3
Diesel Tank Capacity	litres	10

* Tolerance limit = ± 5%



Standard Accessories

1. Pneumatic Tyre
2. Poly Propylene Brush
3. LED Headlights
4. Emergency Stop Switch

Optional Accessories

1. Overhead guard assembly
2. Left Hand Side Brush
3. Solid Tyre
4. Seat Belt



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**Sweepers | Scrubber - Driers | Vacuum Cleaners | Pressure Washers | Carpet Care |
Escalator Cleaners | Steam Cleaners | City Sweepers | Janitorial | Pads**

Roots reserves the right, at any time or for any reason, to make any changes considered necessary for the sake of improvement, without prior notice, in line with its policy of continuous product development and advancement.