

FIL VACUUM SWEEPER

Rechargeable Battery
Powered Machine



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OUR CONTRIBUTION TOWARDS
SWACHH BHARAT ABHIYAN
(Clean India Mission)



ROBUST SWEEPER
FIL VACUUM SWEEPER



FIL - BATTERY MACHINE WITH MANUAL CONTROL 48 V

- Operates very silent
- 2 x 48 Volt electric motors, one for the vacuum fan and one for driving
- Electric type brake system
- Back and forth driving system with electric motor
- Dimensions (WxLxH): 850 x 1775 x 1670 mm
- 240 Liter trash tank
- Battery charging equipment
- 8-12 hours operation with full battery
- Polyester bodywork
- Moving speed up to 6 km/hour
- Stainless, steel, electro-brass covered corrosion resistant chassis
- 115 mm Ø unbreakable suction pipe resistant to impacts
- Capable to climb up and down from pavements up to a height of 12 cm
- Right and left hand controllable machine
- Environment friendly perfect filter system, special air system



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ROBUST SWEEPER

Hydraulic Road Sweeper



BASIC CONFIGURATION

- Machine casing stable and rigid construction
- Working width 2000 mm
- Pressure release valve 160 bar (to protect the hydraulic system)
- Run on system prevents sudden stop of the heavy brush
- Tough wheels \varnothing 200 x 50 mm
- Easy snap-on, snap-off functionality - can be attached / detached within minutes
- Broomer uses hydraulic functionality of tractor/loader
- Adjustable Brush Height, Replacable Brushes
- Broom hydraulically angles 30 degrees in either direction



ATTACHMENT SYSTEMS

- Three point linkage system for rear mounting (for tractors)
- Front end attachment system



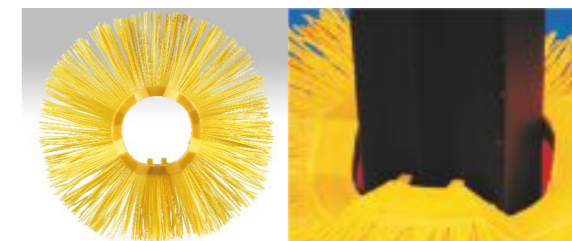
COMPARISON OF CMPL ROBUST SWEEPER WITH OTHER ROAD SWEEPERS AVAILABLE IN INDIA

CMPL ROBUST SWEEPER	OTHER ROAD SWEEPERS
TRUELY Hydraulic with European technology introduced first time in India.	Half Hydraulic Road Sweeper connected with Hydraulic Power Pack that mechanically moves machine.
100% power being used for faster and better cleaning.	Only 50% power remaining to clean the surface due to mechanical movement of shafts.
Sweeper is running with hydraulic motor which achieves variable speed by vehicle (tractor) accelerator as per the need.	P.T.O. rpm are fixed so the sweeper runs at single speed.
We use specially designed Polypropylene brushes which puts lesser pressure on motor and vehicle's hydraulic functionality, elongates life of brushes and makes the brush stick to sweeper shaft for sturdy movement.	Regular round edge Nylon brushes puts more pressure brushes and wears brush a lot faster. Also, these types of brushes start moving with pressure and don't clean the surface neatly.
Kaushik Robust Sweeper is virtually maintenance free machine as only hydraulic motor is needed to run the machine through tractor/vehicle used with solid zero maintenance tyres.	There is more downtime of machine due to mechanical coupling of sweepers' broom shaft to P.T.O. shaft which breaks often during the use. Older technology sweepers, using gear & chain drive, have brittle parts, need maintenance, servicing and the use of Pneumatic tires increases chances of puncture/maintenance.
Uses vehicle's hydraulic functionality and no need for additional hydraulic oil.	Hydraulic Power Pack needs separate hydraulic oil - hidden cost that customers have to bear.
Easy & fast operation - with help of quick coupler, sweeper can be attached or detached in less than 10 minutes	It takes minimum 45 minutes to attach Sweeper to P.T.O. shaft.



OPTIONS

- Extra strong wheels \varnothing 250 x 80 mm for rough jobs
- Water-spray system to bind the dust incl. 100 / 200 Ltr. tank and intermitting pump
- Hydraulic side brush for low-wall sweeping (incl. water-spray system)
- Side lamps



BROOMER WITH AIR COMPRESSOR

Specifications:

- Hydraulic Power Pack : Hydraulic Pump or Jack
- Brush Suitable : Nylon wire or steel wire
- Tyre : 7.00.19
- Operating : Tractor P.T.O.
- Tractor Suitable : 40hp to above.
- Air Compressor: Kg2
- Air Pipe : 80ft + Gun

