



# Kaushik Robust Sweeper

# Kaushik Robust 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 Ø 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 Kaushik Robust Sweeper with Other Road Sweepers available in India

Kaushik Robust Sweeper	Other Road Sweepers
TRULY 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 Ø 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



## TECHNICAL SPECIFICATIONS

<b>Working width</b>	<b>mm</b>	<b>2000</b>
<b>Brush Ø</b>	<b>mm</b>	<b>600</b>
<b>Total width</b>	<b>mm</b>	<b>2270</b>
<b>Required oil flow (for 160 bar)</b>	<b>L</b>	<b>30-40</b>
<b>Weight</b>	<b>kg</b>	<b>410</b>

Note : Measures and weights are approx. and non-binding.



ADDRESS: Plot 520, Road No. 14 Kathwada GIDC,  
Odhav-kathwada Road,  
Ahmedabad - 382430, Gujarat, India.  
PHONE: +91 79 22901989, 22902714, 29701311  
FAX: +91 79 22902815



**KAUSHIK**  
ENGINEERING WORKS

[www.kaushikengineeringworks.com](http://www.kaushikengineeringworks.com)

EMAIL: [info@kaushikengineeringworks.com](mailto:info@kaushikengineeringworks.com)