

ENSOL™

TRUCK MOUNTED VACUUM ROAD SWEEPER



ENSOL MULTICLEAN EQUIPMENTS PRIVATE LTD.

EQUIPMENT DESCRIPTION

The Truck Mounted sweeping machine is suitable for Cleaning of Municipal Roads, Industrial Plant Road and townships. Its overall robust design determines its capability to pick up dust and debris to achieve maximum cleaning performance.

SWEEPING SYSTEM

The Sweeping System consists of one central brush, two side brushes and two suction nozzles. Sweeping is carried out with the help of central brush and one of the side brushes. The orientation of the central brush can be adjusted towards right or left as per requirement depending upon the direction of the travel of the machine for cleaning the dirt on the right or left side of the road or along the central verge as per sweeping requirement.

Hydraulically actuated heavy duty brushes effectively collect all kind of debris from the road to front of the suction nozzle. The suction nozzle rides on two heavy-duty pivoting wheels allowing it to stay in the path of garbage and following the road contours. Dust / debris from the surface is sucked from the side suction hose directly into the hopper.

AUXILIARY ENGINE

Auxiliary Diesel Engine with adjustable RPM ensures optimum operational and fuel efficiency. Engine and vacuum Exhauster/Fan are connected through a special drive arrangement.

DUST SUPPRESSION

Suitable air filter is provided inside the hopper. Efficient water spray system on the brushes and suction nozzles ensures effective dust suppression, meeting PM-10 and PM-2.5 Emission Standards. Stainless steel water tank is provided with wave breaker baffles and is integrated into the floor of the hopper body. This ensures ideal weight distribution of the equipment.

TECHNICAL DATA

MODELS	ENSOL TMRS-4	ENSOL TMRS-6
Dust Hopper Volume	4.5 Cum.	6.5 Cum
Sweeping Width	2100 mm.	2400 mm.
Sweeping Speed	0 - 15 Km/hr.	0 - 15 Km/hr.
Water Tank capacity	900 Ltrs.	1700 Ltrs.
Water Tank Material	Stainless Steel	Stainless Steel
Auxiliary Engine	Diesel - Min. 90 HP	Diesel - Min. 100 HP
Dust Suppression	Filter and Water Spray Meeting PM-10 and PM-2.5 Emission Standards	Filter and Water Spray Meeting PM-10 and PM-2.5 Emission Standards
Truck GVW	Min. 10000 Kgs.	Min. 14000 Kgs.
Wheel Base	Min. 3600 mm.	Min. 4000 mm.

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