

ENSOL™ Vacuum Road Sweeper



Tractor Drawn Vacuum Road Sweeper with Spraying & Jetting

- SALES
- HIRE
- LEASING
- RENTAL

ENSOL, the renowned name in The Waste Management Systems, now offers the all new, time and cost saving, low maintenance, Vacuum Road Sweeper with Spraying & Jetting.

Drive Through PTO

No Auxiliary Engine Required



- ◆ Sweeping Speed 8/10 Km/hr
- ◆ Sweeping Performance Upto 2200 mm



ADVANTAGES :

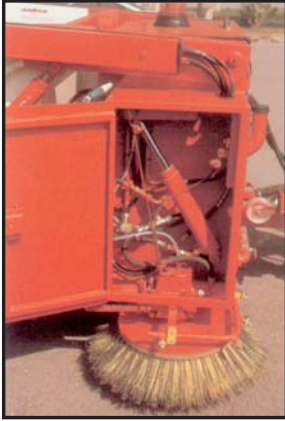
- ◆ Easy to operate as no special skill is required.
- ◆ Quick and efficient Sweeping with Spraying/Jetting for multiple applications.
- ◆ Popular system-low capital cost.
- ◆ Drive through PTO so no auxiliary engine required that leads to low operational and maintenance cost.
- ◆ Modern equipment to increase dignity of labour.

Description : The Sweeper towed by a Tractor, is used for sweeping/cleaning of roads, side walks, and other similar large out door areas.

System Operation : There are two conical and one cylindrical brushes which are hydraulically driven along with a vacuum fan system for dust vacuuming. Two brushes sweeps dirt towards cylindrical brush and main cylindrical roller brush conveyed dirt into the waste container through vacuum. Waste container is empties by hydraulic system. Directly into the garbage bin or depot. All the controls to operate the system can be accessed from control panel mounted near driver seat. Side conical brushes rotate in opposite direction relative to one another and sweep dirt to the center of machine at the adjusted sweeping width. A separating plate prevents sweeping of the two side brushes from mixing each other. Center cylindrical brush rotate in the opposite direction to the tractor wheels and conveys the dust from front brushes into the container. During this process, dirt is humidified for dust free sweeping. When waste container is full, container and front brushes are lifted up to the traveling position and vehicle is driven to the refuse discharging area.

Main Components :

Outer Housing, Two rolling wheels level regulating system for connecting two tractor, water tank, hydraulic tank, two lifting-armed brushes, vacuum fan, panel dust filter, control panel, dirt box and jetting hose with nozzle.



BRUSHES

By the effect at hydraulic cylinder the brushes come to the position of sweeping then move 4 ways.



VACUUM FAN SYSTEM

By powerful vacuum system no dust spreads to the environment. i.e. CLEAN SWEEP



HYDRAULIC SYSTEM

Powerful, efficient and easy to use and maintain hydraulic system for the operation of arms for machine cleaning/maintenance and movement of the brushes.



SWEEPING WIDTH

With side brush 2200 mm
Without side brush 1150 mm

MAINTENANCE-NO PROBLEM!

Maintenance is virtually nil for these rugged machines, and at the time when they need to be serviced, our after sales service is just a phone call away.

FEATURES :

Filter System :

7.5 m² Panel Filter Traps micron fine Dust For virtually 100 % Dust -Free Sweeping

Vacuum System :

High Volume Low pressure 240 mm DIA Hydraulic Driven fan pulls dust from compartment through 7.5 m² reusable filter. Electric filter shaker standard.

Hydraulic System :

Hyd. system is operated by Hydraulic pump coupled to the PTO shaft. For a longer operating life of the pump, pump coupling is secured with 4 bolts to the PTO shaft.

Power :

No auxiliary engine required, this is operated by transmitted power over PTO shaft of the tractor.

Washing :

Eleven spring nozzles are located above the brushes and a water pump supplies, high pressure water for humification with the maximum pressure of 25 bar.

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In the interest of technical development we reserve the right to alter equipment without prior notice.