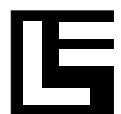


**SWEEPING TRUCK
AIR SUCTION TYPE**

MODEL EL-VAC-2000

- Normal operating speed 3:10 km/hr
- Fast operation speed 10:15 km/hr
- Max sweeping rate 3000 m²/hr.
- Capacity 3 : 8m³
- Separate engine to operate blower
- Blower capacity up to 12000 CFM
- Suction pressure up to 40" of water
- Multi-stages Cyclone for filtration
- Compact size
- Water spraying
- Closed circuit operation
- Simple hydraulic system
- Easier maintenance.
- Two independent side brooms
- Could be adapted for many Chassis
- Max sweeping width 3000mm

ELECTROLAB



**SWEEPING TRUCK
MODEL EL-VAC 2000
Technical specifications**

I) Chassis:

- Could be adapted for any available chassis

II) Sweeping Installation:

1- Blower:

- Blower capacities up to 12000 CFM
- Suction pressure up to 40" of water
- Separate engine for operating blower
- Closed circuit air system

2- Dust Container

- Capacities 3:8m³
- To be manufactured from hot rolled steel sheets of 3mm. thick
- It is equipped with multi-stages cyclone for air filtration
- Rear door tightly locked and sealed for dust-free operation.
- Dust container is discharged by rear tipping.
- It is equipped with a flexible hoist to collect dust from narrow places.

3- Sweeping System

- A hood containing suction hoist and cutter broom.
- The hood is lowered and raised hydraulically.
- The cutter broom is made of poly-propylene fibers to sweep and polish the surfaces.
- Two independent-hydraulically operated, side brooms made of steel strips.

4- Water Spraying

- The installation is equipped with a water tank of 1 cu.m capacity.
- A hydraulically operated water pump.
- Many spraying nozzles distributed along the sweeping path, to maintain dust-free operation.
- Water tank is equipped with a separate hoist for plant watering.

5- Hydraulic System

- The hydraulic pump is of the gear type and will be driven by the vehicle's gear through P.T.O.

- On the valves used in the hydraulic system there will be a safety arrangement which regulate the pressure of the system.
- Filters, filling lid and temperature and level indicators are standard.
- American or European Hydraulic system equipments.
- Approximate 70 lit capacity hydraulic tank

6- Sweeping Procedure:

- Sweeping action begins with lowering the hood until the cutter broom is in touch with ground.
- The two side brooms (or right side only) are lowered and operated.
- The spraying nozzles are also operated (in case of dealing with dust only).
- The suction hoist will blow air from one side and suck it from the other side full of dust and refuse.
- As the dust container is filled up, the truck goes to the refuse area and the dust container is tipped and discharged.

7- Paint:-

- The inner surface of the dust container shall be painted with two layers priming coats after sand blasting then it will be painted with two layers of anti-rust, anti-corrosion paints
- The outer surface is painted with the same way as the inner surface but the final paint is painted using the desired color and stamps.

8- Warranty:

- For the chassis, according to manufacturer terms
- Garbage body has 24 months warranty against manufacturing defects.

9- Maintenance:

Available by our service center

