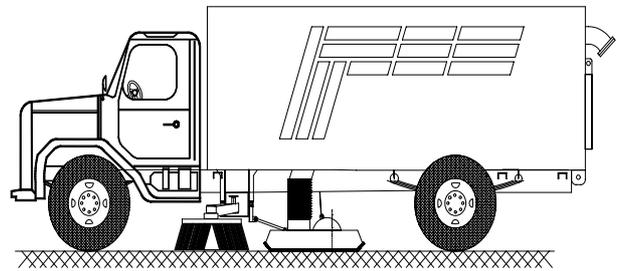
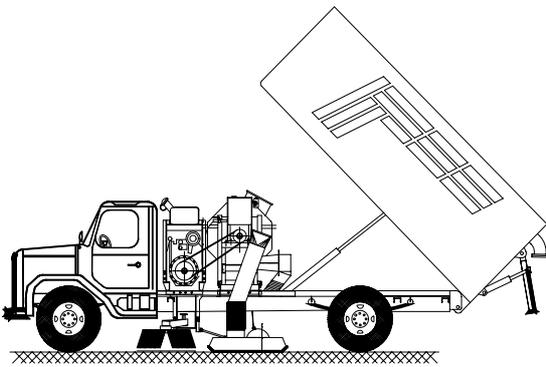


SWEEPING TRUCK AIR SUCTION TYPE



MODEL STVAC



- Normal operating speed 3 to 10 km/hr
- Fast operation speed 10 to 15 km/hr
- Max sweeping rate 35000 m²/hr.
- Capacity 3 to 8 m³
- Separate engine to operate blower
- Blower capacity up to 12000 CFM
- Suction pressure up to 40 PSI
- 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 6000 mm

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 PSI
- Separate engine for operating blower
- Closed circuit air system

2. Dust Container:

- Capacities 8 m³
- To be manufactured from hot rolled steel sheets of 3 mm thickness
- It is equipped with multi-stages cyclone for air filtration
- 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 2 m³ capacity.
- A hydraulically operated water pump.
- Many spraying nozzles distributed along the sweeping path.
- 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.
- Approximate 100 lit capacity hydraulic tank

6. Sweeping Procedure:

- Sweeping action is begin 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 will be painted with two primer layers 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 12 months warranty against manufacturing defects.

9. Maintenance:

- Available by our service agency



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