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Specification sheet

VACUUM TANK

General:

- A truck mounted tank, designed to suck effluents from cesspits, sewers, storage tank etc....through 4" hose by means of vacuum created inside the tank. Evacuation of the tank is by pressurization of the tank, by gravity or by tipping the tank and discharging the contents through the full-sized rear through the full-sized rear door.

Construction

- Tank of circular cross-section with dished & flanged end caps. Two to three baffles are provided.
- Tank construction of 5 mm & 6 mm mild steel to spec JIS-G-3101/SS400 or equivalent.

Rear Door

- Full size door operated by two hydraulic cylinders. Door is hinged on top and opens upwards. A minimum of four heavy duty clamps are used for door locking.
- A minimum of three sight domes are provided and are easily removed for cleaning.

Vacuum Pump

- Moro M9 water cooled pump with hydraulic drive and manual control for change over valve. Free air capacity is 15,500 lit/min.

Pump Protection

- Two cutout valves, one primary and one secondary provide protection to the pump ingress of effluents.
- Discharge filter on pressure side.

Tipping Gear

- Front end tipping gear allows tipping of tank.

Hydraulic Controls

- Hydraulic valves are used to control engagement/ disengagement of hydraulic pump, hydraulic tipping and rear door opening. Controls are conveniently located on side of tank.

Tank Fittings

- Two 4" ball valves at the bottom of the rear door, one is provided with standpipe

for suction.

Specification sheet

- Compound vacuum/pressure gauge
- Moisture trap with drain and sight glass.
- Vacuum/pressure relief valve.

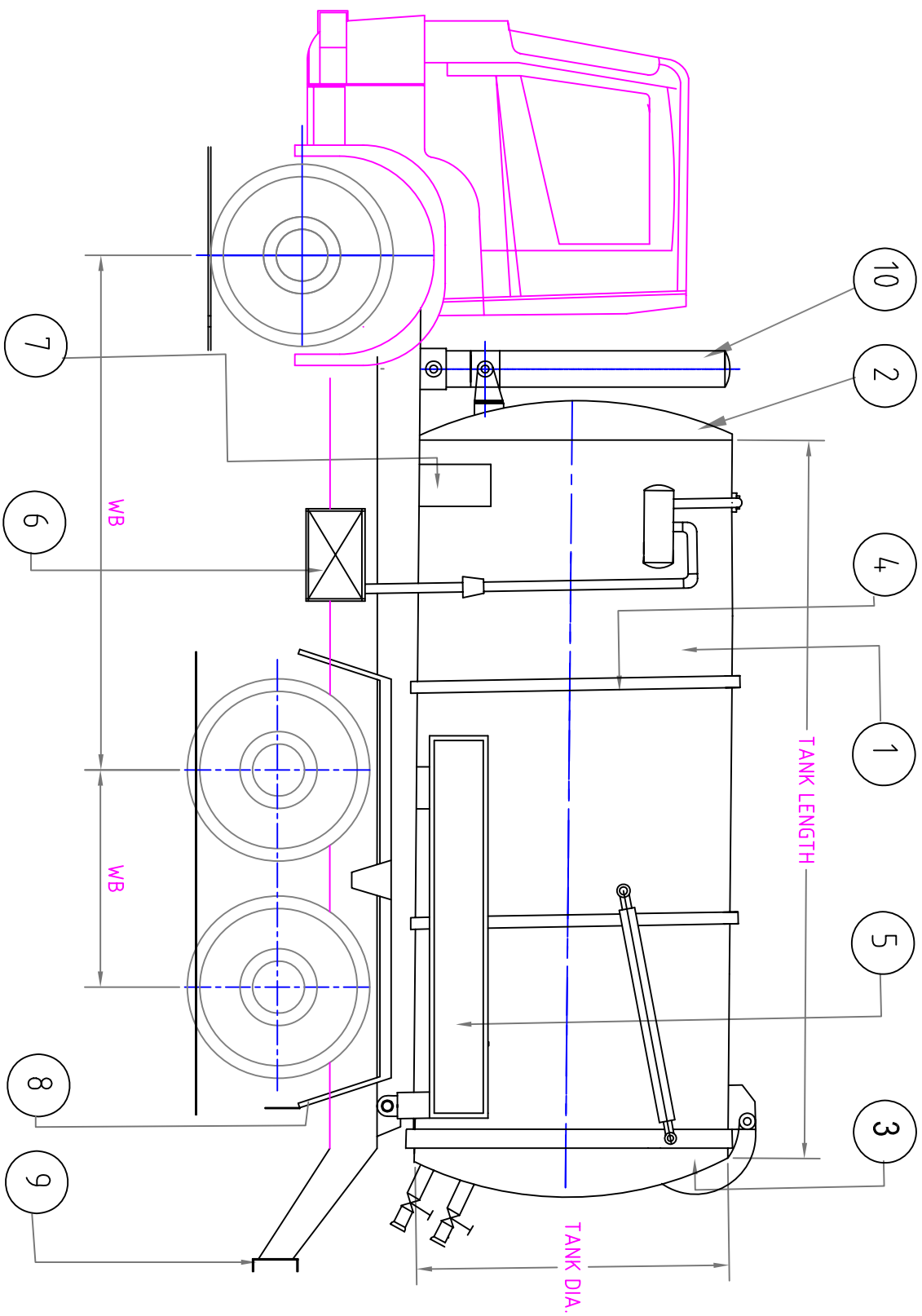
Accessories

- Tool box
- Access ladder to top of tank
- Hose stowage at side of the tank
- Mudguards and Mud flaps behind the rear wheels
- 4" dia x 3 mtr long hose with couplings - 2 nos

Paint:

Internal : Inside of the tank is grit blasted to SA 2 1/2 and epoxy painted.

External : One coat of red oxide primer & two coats of synthetic finish paint in single colour. Shade as per customer's choice.



12		
11		
10	FRONT TIPPING HOIST	1SET
9	REAR BUMPER	
8	MUDGUARD/MUDFLAP	2*2
7	SADDLE	
6	VACUUM PUMP	
5	HOSE BOX	2
4	REINFORCEMENT	2
3	HYD.OPERATED REAR DOOR	1
2	FRONT DISH END	1
1	TANK	1

5000 US GALLONS VACUUM TANK