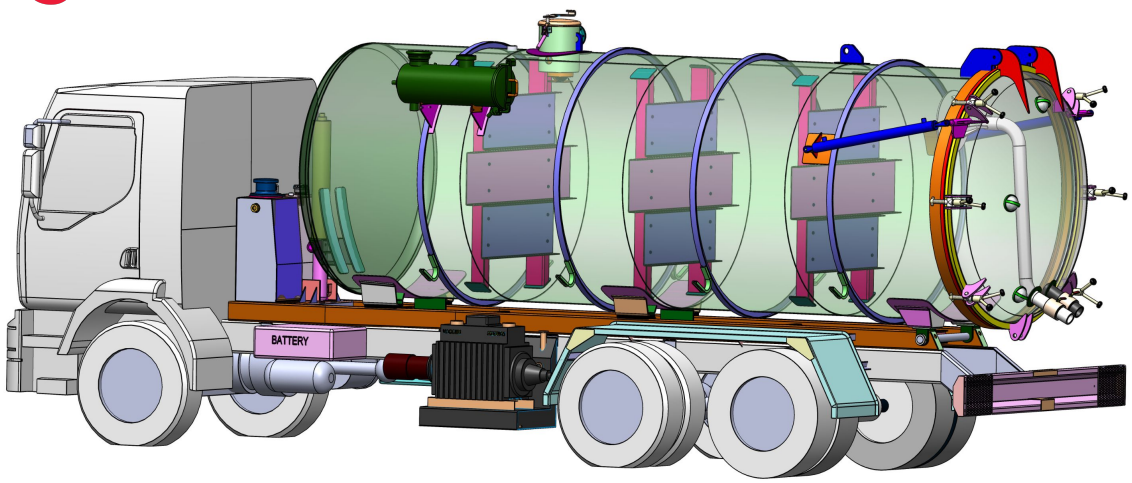
VACCUM TANK - RIGID



CAPACITY		1,000 I.G.	2,000 I.G.	3,000 I.G.	4,000 I.G.	5,000 USG.
APPROX. BODY DIMENSIONS (mm)	DIAMETER x LENGTH (mm)	1,320 x 4,040	1,650 x 4,930	1,850 x 5,650 / 1,750 x 6,180	1,988 x 6,520	1,988 x 6,650
STEEL THICKNESS[1] (mm)	SHELL	5	5	5 / 6	5 / 6	5 / 6
	BAFFLES	4	4	4	4	4
	END-CAPS	5	5	6	6	6
CROSS-SECTION		CIRCULAR	CIRCULAR	CIRCULAR	CIRCULAR	CIRCULAR
MOUNTING		RIGID	RIGID / TIPPING	RIGID / TIPPING	RIGID / TIPPING	RIGID / TIPPING
REAR DOOR MECHANISM		MANUAL / HATCH	MANUAL / HYDRAULIC / HATCH	MANUAL / HYDRAULIC / HATCH	MANUAL / HYDRAULIC / HATCH	MANUAL / HYDRAULIC / HATCH
PUMP[2]	DRIVE	HYD. MOTOR / PULLEY / ENGINE	HYD. MOTOR / PULLEY / ENGINE	HYD. MOTOR / PULLEY / ENGINE	HYD. MOTOR / PULLEY / ENGINE	HYD. MOTOR / ENGINE
APPROX. WEIGHTS (KGS)	BODY KERB	~ 1,500	~ 2,000	~ 2,500	~ 3,500	~ 3,750
	BODY + PAYLOAD	~ 9,000	~ 12,000	~ 17,500	~ 23,500	~ 24,500
RECOMMENDED	CHASSIS	4x2 / 4x4	4x2 / 4x4	6x2 / 6x4 / 6x6	6x4 / 6x6	6x4 / 6x6

[1]As a continous improvement policy, type of steel, steel specifications and dimensions are subject to change without notice / [2] Equivalent product may be used.

GENERAL

-Designed to suck effluents from cesspits, sewers, storage tanks etc. by creating a vacuum inside the tank.
-The tank contents, are discharged by gravity or by raising the pressure inside the tank to speed up its emptying.

CONSTRUCTION

-The tank is fabricated mild steel sheets to spec JIS-G-3101-SS400 / ASTM A36 / ST 37-2 or equivalent .
-Circular cross section with dished and flanged front cap and a dished and flanged full size rear door.
-Internal baffles are used to control sloshing of contents.

FITTING AND SAFETY EQUIPMENT

-Primary and secondary cutout valves are fitted to prevent effluents from entering the vacuum pump.
-Vacuum and pressure relief valves are used to control vacuum or pressure in side the tank.
-A sludge trap with inspection sight glass is fitted to side of tank to trap escaping effluents in case of failure of primary cutout.
-A drain valve is provided.
-Three sight glasses are fitted to rear door to indicate water level inside the tank.
-Compound vacuum / pressure gauge at front of the tank.
-4" full-bore valves are provided, one for suction and one for discharge.
-Suction valve is connected to an internal standpipe.
-Integral changeover valve, allowing selection of "Vacuum" to draw air out of the tank or "Pressure" to blow air into the tank.
-Sufficient stiffening provided around the tank exterior for integrity.

PUMP

-Pump driven by the PTO of the vehicle through Hydraulic or Pulley drive (PTO & controls supplied & fitted by the customer).

REAR DOOR

-Provided for cleaning and maintenance of interior.
- Wheel clamps used for positive locking.
- Rubber seal ensures airtight closure.

STANDARD ACCESSORIES (space permitting)

-Hose tray with hinged sides on either side.
-4"x3 Mtr. hose provided with couplings - # 1.
-Access ladder to top of tank.
-Steel mudguards and rubber mud flaps.
-Tool Box
-Heavy duty rear bumper.
-Side marker lamps on either side , equally spaced.
-Reflective stripes on rear bumper.
-Spare wheel carrier, mechanical winch type.

PAINT

INTERIOR :Grit / sand blast to SA2 1/2.
:Coat of coal tar epoxy paint upto 250 microns DFT.
EXTERIOR :Coat of red oxide primer
:Coats of synthetic finish paint. Single colour shade as per customers choice.

OPTIONALS

-External epoxy paint
-Flashing Beacons / Strobes.
-Additional hoses.
-Water compartment in the front of the tank
-Vacuum pump / Water pump (engine driven)