

Water Tank



Capacity:-

- 10,12,16,18,.....,36m³

Shape:-

- Circular, Elliptical, T.V cross section

Section:-

- Tank body is manufactured of hot rolled steel sheet.
- Straight or dished head end.
- Appropriate number of splash walls.
- Man-hole ϕ 500 mm.

Compartments:-

- One, two, three.
- Discharge pipe with required shut-off valve.
- A cat walk.
- Two hose holders, one each side.
- Rear ladder, dipstick.

Option:-

- Feed pump-splash unit.

Welding process according to code and specifications A.W.S

1- Capacity:-8000, 10000, 22.000 lit

2- Tank Shape: Elliptical or T.V cross sec.

3-Construction:

- Tank body is manufactured of hot rolled steel sheets of thick 4mm (optionally 5mm)
- Tank body is manufactured of stainless steel sheets of thick 3mm. (Optional)
- Tank body is manufactured of stainless steel covered by galvanized steel and insulated in between by foam or fiber glass. (Optional)
- Dished bulk heads (5mm thick) on both ends
- Appropriate number of splash walls.
- One, two or more compartments (dependent on customer's requirements).
- There is a manhole for each compartment 500mm width with a quick lock cover.
- A cat walk is provided at the top of the tank.
- Discharge pipes having 2½" diameter provided with the required shut-off valves.
- The tank has two hose holders one on each side.
- A fixed ladder is fitted to the rear of the tank.

4-Tank chassis:

- The tank is laid on an additional chassis made of steel channel provided with cross members. Assembling of tank body and additional chassis is carried out by means of electric arc welding according to American welding society (AWS) codes and specifications.
- The whole tank is fixed to the vehicle's chassis by means of U-bolts with a timber wood between the two chassis.

5-Painting:

- The tank body is painted with two layers of primary paints after cleaning by sand blasting.
- Then the tank is painted with two layers of anti-rust, anti-corrosion paint.
- The tank is painted with epoxy paints or enamel coats. (Optional)

6- Feed pump (optional):

- Feed pump is driven by PTO on the vehicle's gear
- The pump is positive displacement or centrifugal type up to 1200 lit/mm discharge capacity.
- The measurement system included filters and air eliminator (option)
- Two hoses with quick connection of length 5m each. (Option)

7-Hose Reel (optional):

- The tank is optionally equipped with one or more hose reel.
- The hose reel has a steel frame which rotates on roller bearing
- The hose length 20 m (or more) ends with nozzle.

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