

Proving tanks

SM 5000-10000 litres



Proving tanks may be used in both top and bottom loading bays. In the top loading configuration a “manhole style” opening allows for inserting the loading arm from above. In the bottom-loading configuration, the loading arm is connected by means of a coupler (male API) to the proving tank, vapor recovery is guaranteed by a dedicated pipe with quick coupling.

A 2” vent-valve avoids any pressurization / depressurization of the tank following eventual wrongful actions.

Product can be unloaded from the tank by means of gravity, through the ball valve on the bottom, or by means of a dedicated centrifugal pump.

Technical specifications

Tolerances:

± 2 litres (5000 litres)

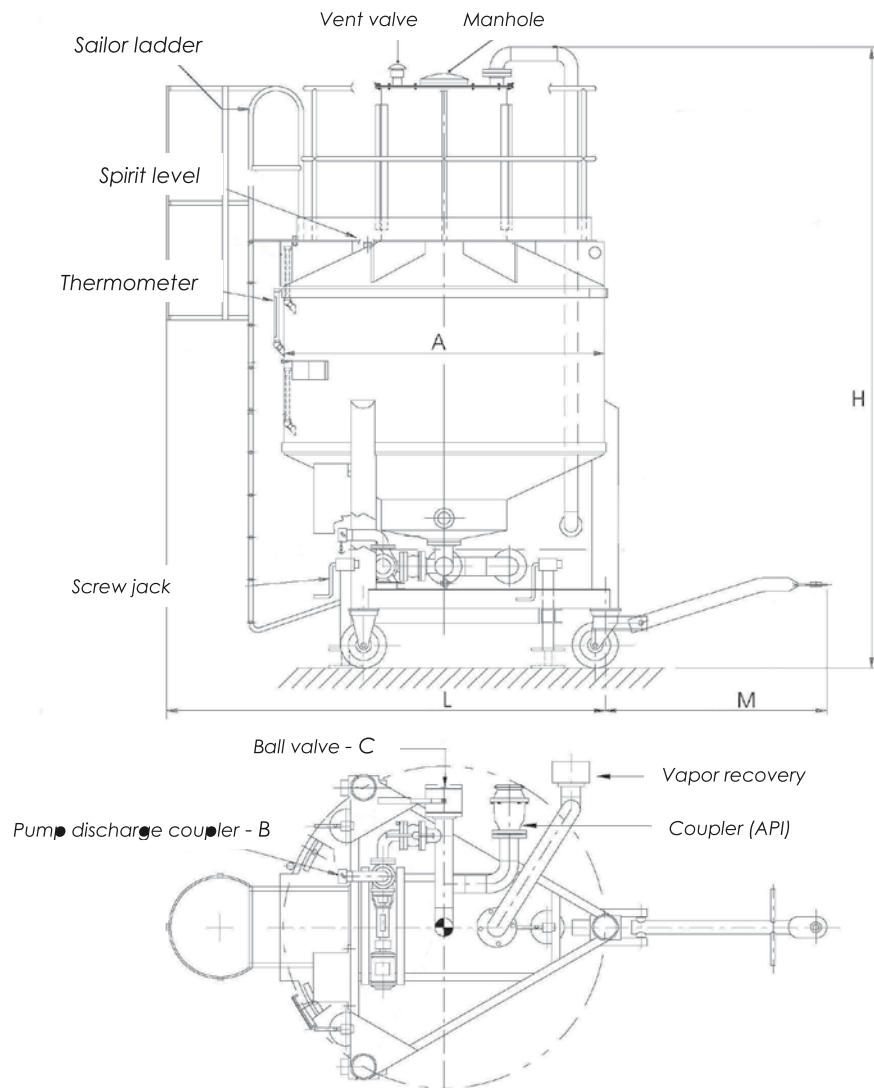
± 4 litres (10000 litres)

Opzioni:

- empty pump
- trailer installation



Proving tanks are used as a primary provers to calibrate p.d.meters, dosing pumps or analogous proving tanks on secondary lines. They can be trucked on-side to monitor meters installed in loading bays or in different places in the refinery.



TYPE	A	B	C	H	L	M	Pump m ³ /h	Weight Kg
SM 5000	2312	2"	4"	3775	3200	1370	45	2200
SM 10000	2592	3"	6"	4586	3200	1370	60	3000

Indicative dimensions in mm

Technical particulars

- Manufactured in carbon steel, cylindric body with strengthenig bands.
- Glass windows fitted with stainless steel graduated scale on both top and bottom neck.
- Ball valve for bottom loading and discharge.
- Screws jack and spirit level.
- Thermometers (n°3).
- Manhole for top loading.
- Coupler type API for bottom loading.
- Coupler type R for vapor recovery.
- Discharge pipe with coupler type R.
- Vent valve
- Sailor ladder to the upper landing.
- Chassis fitted with three wheels and a draw bar.
- Epossidic external painting.
- Eyebolts for lifting.