



SM 5000-10000 litres Proving tanks

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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.

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:

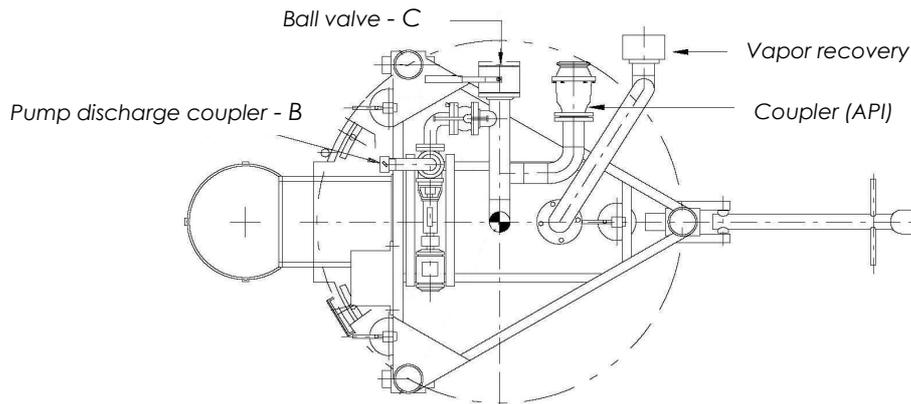
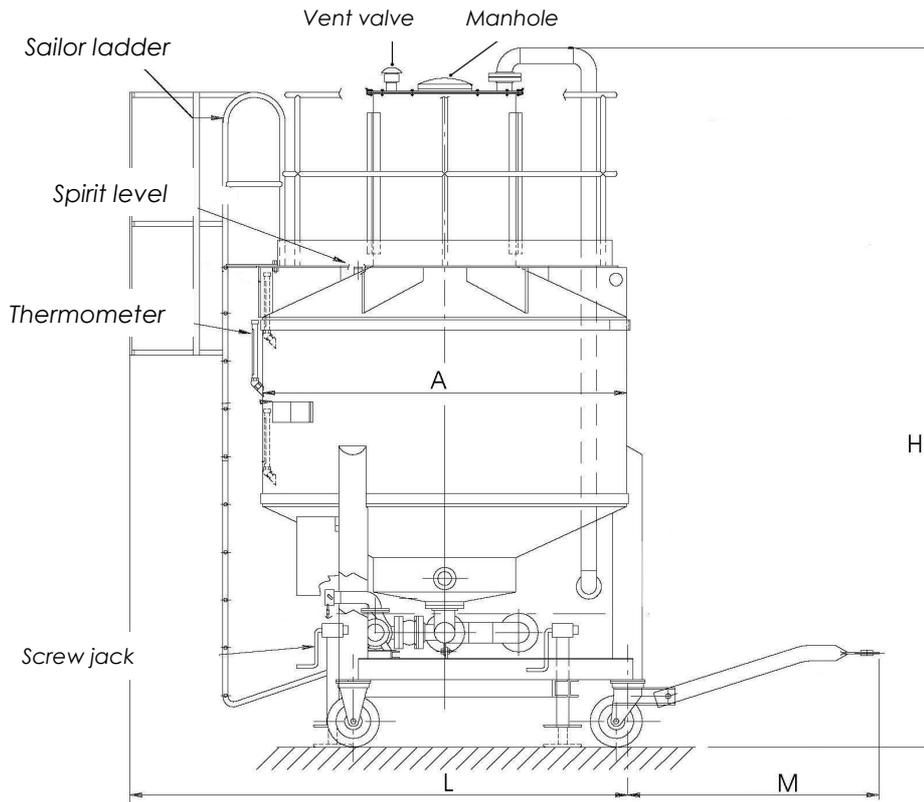
± 2 litres (5000 litres)

± 4 litres (10000 litres)

Opzioni:

- empty pump
- trailer installation





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.