

The Poly ISO Tank

Overview:

Rain for Rent International Poly Lined Steel Tanks have a capacity of 22,712 litres and can be used to store wastewater, caustics, acids, and many other chemicals or liquids – even at high temperatures.

The enclosed, vapour tight tank has the structural integrity of steel plus the chemical and corrosion resistance of polyethylene.

Features and Benefits:

Rain for Rent's Poly Lined Steel mobile storage tanks are lined with medium density polyethylene bonded to carbon steel.

This liner is three times thicker than the typical 1.52mm thick "spray-in" liner; the Poly Lined Steel Tank liner is 4.75mm.

The lining allows for storage of products up to 66°C and specific gravity up to 2.0.

The tanks are vapour tight with a standard pressure rating of 69mBar.

Multiple ports on the roof are available for (optional) level gauges or "pipe away" tank venting.

The thief hatch style pressure-vacuum vent is rated for 69mBar pressure and 1.3mmHg vacuum.

Several connectors and drains allow for easy access and a safe operation when filling or draining the tank.

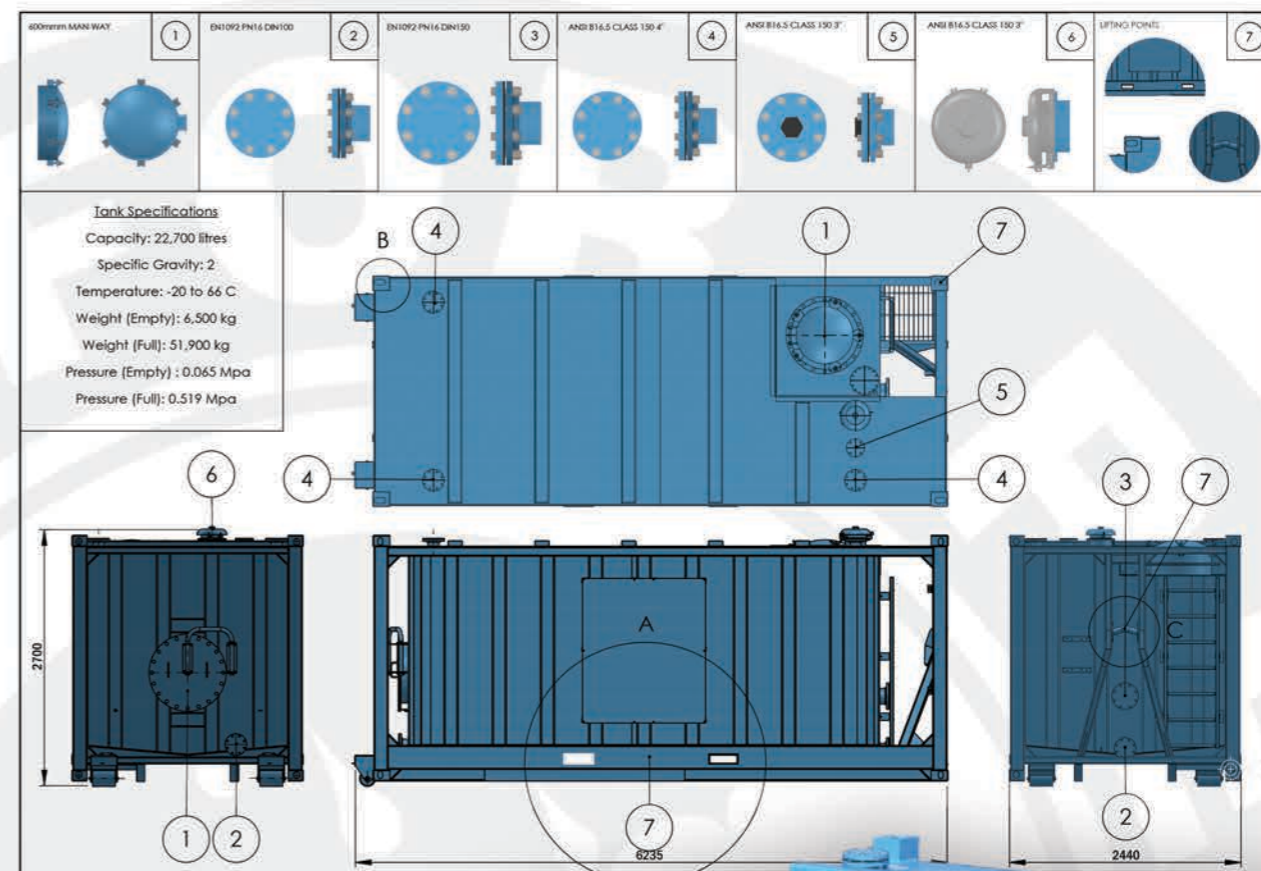
The tanks feature a 'Quick-Kleen' "V" shaped floor with ports at floor level for easy clean up when the job is complete.

The tanks are easy to move with multiple handling options: ISO, Ampliroll Hook Lift, and Forklift.

Optional Accessories & Equipment:

- E-Contain® Spillguards
- Spillguard Hose Bridge
- Chemical resistant hose
- HDPE Pipe and Fittings
- PipeStax®
- Cartridge and Bag Filters
- Carbon Steel and Epoxy Coated Tanks

Dimensions & Construction	
Capacity:	22,712 Litres (22.7m ³)
Length:	6,300mm
Width:	2,439mm
Height:	2,591mm
Weight:	approx. 7,212kg (empty)
Materials:	ASTM A36 carbon steel walls (6.35mm) ASTM A36 carbon steel reinforcements
Transporting:	Ampliroll Hook Lift Twistlock
Loading/ Unloading:	Ampliroll Hook Lift Forklift Crane - Using ISO corners
Exterior Coating:	Weather resistant acrylic enamel finish with durable chemical resistant coating around manway openings
Interior Coating:	Chemical resistant medium density polyethylene (please call for specific chemical compatibility information)
Testing	
Hydrostatic:	Hydrostatic water test performed during construction. Retested during repairs and regular maintenance schedule.
Features & Accessories	
Ladder:	Integral ladder for safe access to roof manway
Access:	1 x 600mm hinged manways on roof
Hatch:	1 x 600mm bolted flange cover on rear wall
Connections:	1 x 3" (roof) 5 x 4" (3x roof, 1 x front, 1 x rear) 1 x 6" (front) roof: ASME B16.5 Class 150 front and rear: EN1092 PN16 DIN100 & 150 E
Drain:	1 x 4" (front) 1 x 3" (rear) EN1092 PN16 DIN100 & 150 E
Valves:	Wafer style butterfly with PTFE coated disc and seat
Temperature:	66 °C max. continuous (uncoated)
Elastomers:	Viton®/FKM (roof hatch), Garlock 3510 Gylon (all other connections)
Relief Vent:	1 x Thief hatch, Viton®/FKM gasket, pressure setting 69mBar, vacuum setting 1.3mmHg
Level Gauge:	Roof-mounted dial gauge (optional)
Lift Points:	4-point lifting - ISO configuration for overhead crane Integral forklift pockets



0845 900 2841
rainforrent.co.uk