

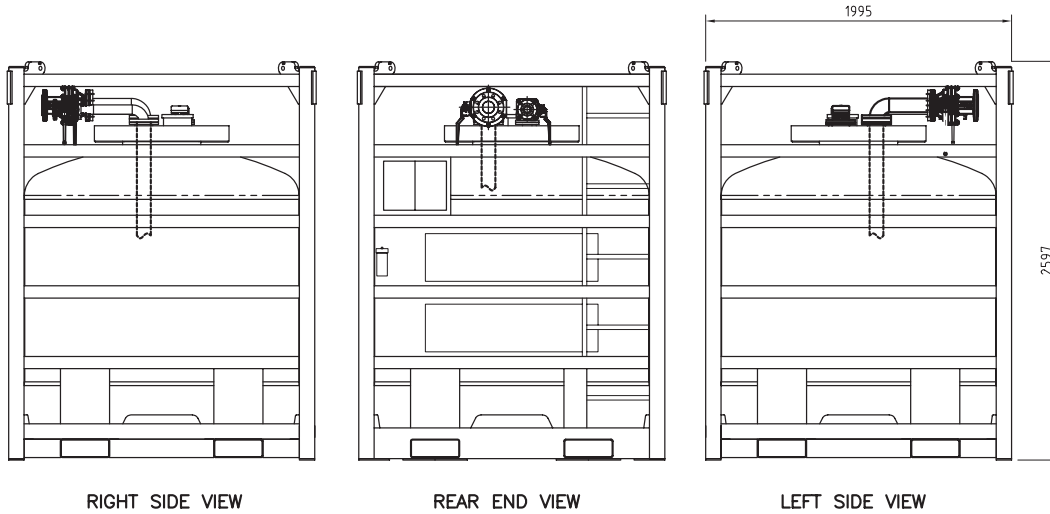


# VERTICAL OFFSHORE ACID TANKS

Practical Solutions, Perfectly Contained



**CARGO WELD®**



# Vertical Offshore Acid Tanks

## DESCRIPTION

- Working Pressure: 58 PSI (4 Bar)
- Test Pressure: 87 PSI (6 Bar)
- External Pressure: 6.09 PSI (0.42 Bar)
- Design Temp (Frame): -4°F to 131°F (-20°C to 55°C)
- Design Temp (Vessel): -40°F to 131°F (-40°C to +55°C)
- Shell Thickness: .236" (6 mm)
- Ends Thickness: .236" (6 mm) after forming

## APPROVALS

- IMDG, ADR/RID, DNV 2.7-1, EN 12079, CFR 49, TIR, ASME U Stamp

## MATERIALS

- Vessel Material: Carbon Steel to ASME U-Stamp Requirements. (SA 516 GR 70)
- Frame: EN 10219 /cikd-formed S355 on primary structure, EN 10025 S355K2+N, Inspection Certificate EN10204:2004 Type 3.2 on Padeyes, EN 10219 Cold-formed S275 J2H on secondary structure, ISO corner castings on bottom four corners
- Vessel to frame: Carbon Steel Skirt Mounted Design

## SLINGS

- Supplied and fitted at destination

## STACKABLE

- Tanks designed for stacking such that chains or slings are not crushed or damaged
- 2 high empty, 2 high full

## BOTTOM LIFT

- 2 off in 9.84" x 5.9" (250 mm x 150 mm x 6 mm) carbon steel box-section, slotted, 59.1" (1500 mm) between centers. Additional plates above fork pockets to reduce shear - 9.22" x 5.28" (234 mm x 134 mm internally)

## TOP LIFT

- 4 pad eyes fitted with wire rope or chain slings

## OPTIONAL

- GPS with web-enabled tracking software
- Electrical or steam heating
- Remote closures
- Insulation and cladding
- Fittings to customer specifications

NOMINAL CAPACITY	NOMINAL LENGTH	NOMINAL WIDTH	NOMINAL HEIGHT	APROX TARE WEIGHT	MAXIMUM PAYLOAD	MAXIMUM GROSS WEIGHT
1,000 gal (3785 l)	6' 7" (1995 mm)	6' 7" (1995 mm)	8' 5" (2571 mm)	5,071 lbs (2300 kg)	12,567 lbs (5700 kg)	17,637 lbs (8000 kg)



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