

## Dimensions & Specifications:

	Ft.	in.
Length	40'	0"
Width	8'	0"
Height	6'	10"

ISO 1496-3 Compliant

Capacity: 5,800 & 7,000 US Gallons

Shell Material: ASTM 316L, max carbon content 0.03%, Cold rolled 2B finish.

Frame Material: Corten A structural steel

Shell Thickness: Shell 0.173", ends 0.174"

Working Pressure: 58.0 psi

Test Pressure: 87.0 psi

External Vacuum Pressure: 5.9 psi

Design Temp.: -40°F to 266°F

Design Code: ASME VIII Div. 1

External Finish: Framework shot blasted to SA 2.5, spray painted with two layers of epoxy primer and a top coat of acrylic paint

Internal Finish: Better than 180 grit finish where polished, with the interior chemically cleaned and certified for food grade products

Weights:	lbs	kgs
Max Gross	74,957	34,000
Tare	8,708	3,950
Max Payload	66,249	30,050

Insulation: 2" thick glass-wool with complete GRP cladding. All joints are sealed & covered by stainless steel straps

Thermometer: Glycerin filled analogue thermometer, range -40°F to 320°F at eye level in the rear.

Steam Heating: Four full length runs of welded channels. Effective heating area of 67 sq. ft. with a 150 psi working pressure. Dual Connections at front & rear allow for in transit heating. Steam trap fitted at rear outlet.

## Fittings:

Manlid: 20" diameter, stainless steel with 8 point swing bolt fixings positioned on the longitudinal center line.

Vapor Recovery: Remotely actuated 3-way valve accessed at ground level.

Air Line: Stainless steel 2" butterfly valve with stainless piping to ground level with 2" NPT termination & pressure gauge fitted.

Bottom Outlet: 3" nominal bore stainless steel foot valve hydraulically operated in parallel with the vapor recovery valve, 3" stainless steel PTFE Sealed butterfly valve terminating to a 3" cam-lock, fitted with a fusible plug and emergency breakaway device.

Top Outlet: 3" NPT stainless steel outlets with cap and retaining cable

Safety Relief: One 4" DOT 407 pressure relief valve set to open @ 63.8 psi. Facility exists for future fitting of a bursting disc and pressure gauge

Cleaning Ports: Three 3" NPT stainless steel outlets with cap and retaining cable

Spillage Area: One Stainless steel spillage tray around the manlid, relief valves, airline and top outlet. One spillage tray around each cleaning port. Drainage tubes fitted to all compartments

Calibration: Innage and outage charts located curbside at eye level

Ladder: Stainless steel ladder with handrails

Walkway: 19" wide non-slip aluminum around all top fittings

Placard Holders: Two sets fitted for rail and road use.

Approvals: US DOT, AAR 600, UN PORTABLE TANK, ADR/RID, TIR, CSC, FRA & TC

