

## ISOTANK SPECIFICATIONS

Dimensions	20' x 8' x 6'8"
Capacity	24,000 - 26,000 litres
Max Gross Weight	34,000 kg
Tare Weight	3,900 - 4,350 kg
Calculation pressure	6.0 Bar
Test pressure	6.0 Bar
Working pressure	4.0 Bar
External Vacuum pressure	0.40 Bar
Design Temperature	120 °C
Vessel Material	316 Stainless steel low carbon, <0.03% Shell: 4,6 mm - Ends: 5,9 mm
Frame Material	Carbon Steel
Approvals	US/UK D.O.T. IMO 1, ADR/RID, C.S.C., TIR, U.I.C., BAM, A.A.R. 600, F.R.A.
Manlid	1 x 500 mm, 8 point fixed
Safety Relief valves	2½" BSP screwed and flanged; provision for the future fitting of bursting disc
Airline outlet	1 ½" ball valve and gauge and 1 ½" BSP capped
Bottom outlet	80 mm, 30°foot valve, 80mm butterfly valve with 3" BSP threaded connector closed by st. cap and retaining cable
Top discharge	Provision 3" flange
Steam Heating	8 runs st.st. (ASTM A240 316) channels welded to base of tank; manifold; inlet/outlet pipes screwed and capped ¾" BSP Press test: 6 Bar Press Working: 4 Bar
Gasket Material	PTFE
Insulation	15 mm Rockwool, 70 mm Polyurethane
Cladding	Shell from 0,8 mm thick natural aluminium (grade 5251) with lapped sealed joints
Thermometer	yes
Walkway	One or two longitudinal full length panels 475 mm wide, either side of manyway areas. Including top longitudinal protection handrails.
Ladder	Painted, 300 mm wide on right hand rearside
Top boxes	2 off to enclose manlid area hinged to front end
Compartment	1
Document Box	Standard fitted at left hand rear
Earthing Point	1 off stainless steel