

TECHNICAL DATA SHEET

BITUMEN TANK: CX11-21LQG-X: 25000-Litre UN Portable Tank T3
6058mm x 2438mm x 2896mm high cube, 2.65 bar test pressure,
insulated, thermal-Oil (Hot-Oil) type, year manufactured: "new build"

Dimensions:		
	Metric	Imperial
Capacity	25000 LTR	6604 US GALLONS
Maximum Gross Weight	30480 KG	67196 LBS
Tare	5950 KG	13118 LBS
Construction:		
Working Pressure	1.75 bar	25 psi
Test Pressure	2.65 bar	39 psi
Relief Valve Set Pressure	2.2 bar / -0.21 bar/vac	32 psi / -3 vac/psi
Ambient Temp. Range	-40°C up-to +200°C	-40°F up-to +392°F
Maximum Cargo Temp	230°C	446°F
Shell Material	Mild Steel Q345D-GB/T1591-2008, 6,0 mm shell, 8,0 mm dish ends, head is not less than 7,0 mm after forming.	
Design Code / Approvals	ASME, section VIII, division 1 where applicable and IMDG T3, DOT UK, USDOT, UIC, IMO2, FRA, CSC, ADR, RID, CTC Transport Canada.	
Standard Fittings:		
Manlid	500mm (20") diameter, 6 point fixing, 14mm x 12mm seal, located centre.	
Calibration	volumetric chart, nominal capacity 25,000 litres available.	
Airline / Vapour	40MM (1½") ball valve, outlet 1½" BSP, s/s screw cap.	
Relief Valve	65MM (2½") high flow flanged, operating pressure 2,2 bar. Capacity: 8710m3/hr.	
Top Inlet	Blanked weld-in flange drilled 6 M12 holes @ 168 pcd, provision for optional fitting of 80mm (3") stainless steel butterfly valve. DN80, ASA 150 bolted blank flange outlet, 80mm (3") removable full-length syphon tube.	
Bottom Discharge	100MM 4" ball valve - Outlet 3" BSP Flange with 3" CamLock Coupling and Dust Cap.	
Gaskets & Seals	Parts in contact with cargo, PTFE/Teflon.	
Heating Method	Hot Oil Type - 14 pcs 2" seamless steel pipes are fitted at the bottom inside of tank barrel.	
M.A.W.P / Test of Heating Pipe	5 bar, / 13,5 bar.	
Heating Area Tubes	17 m2 / Heating Pipe design temp. 230°C.	
Expansion Tank	Located under the topside rail of the bitumen tank and it is the solution to the valve-leaking problem caused by heat expansion when shutting off the thermal oil heating system.	
Insulation	50MM (2") inorganic Rockwool (CFC free); 0,8 mm galv. st. cladding; Thermal Conductivity: ≤ 0.044 w/(m2.k).	
Document Holder / Earth	Fitted rear end, suitable for shipping documents, MSDS etc. Earth located at rear.	
Data Plate / Markings	Stainless steel data plate detailing specifications fitted rear end.	
Frame	The container frame shall be mainly composed of two (2) end frames, two (2) barrel supports, two (2) top side rails, two (2) bottom side rails, four (4) tank supports and eight (8) corner fittings.	
Walkway	400MM-wide non-slip steel. One longitudinal walkway and three short transverse walkways at the front and rear and adjacent to rear of manhole's spill-box. steel-nets walkways galvanized to 10un thickness.	
Handrail	(Optional) Intergraded at top rail.	
Temperature Gauge	Analogue gauge fitted rear end: -20°C to +300°C. / -4°F to +572°F.	

Actual measurements and specifications may vary and are subject to confirmation. Tank containers are supplied in accordance with the general trading terms and conditions of Danteco Industries BV. www.danteco.com

