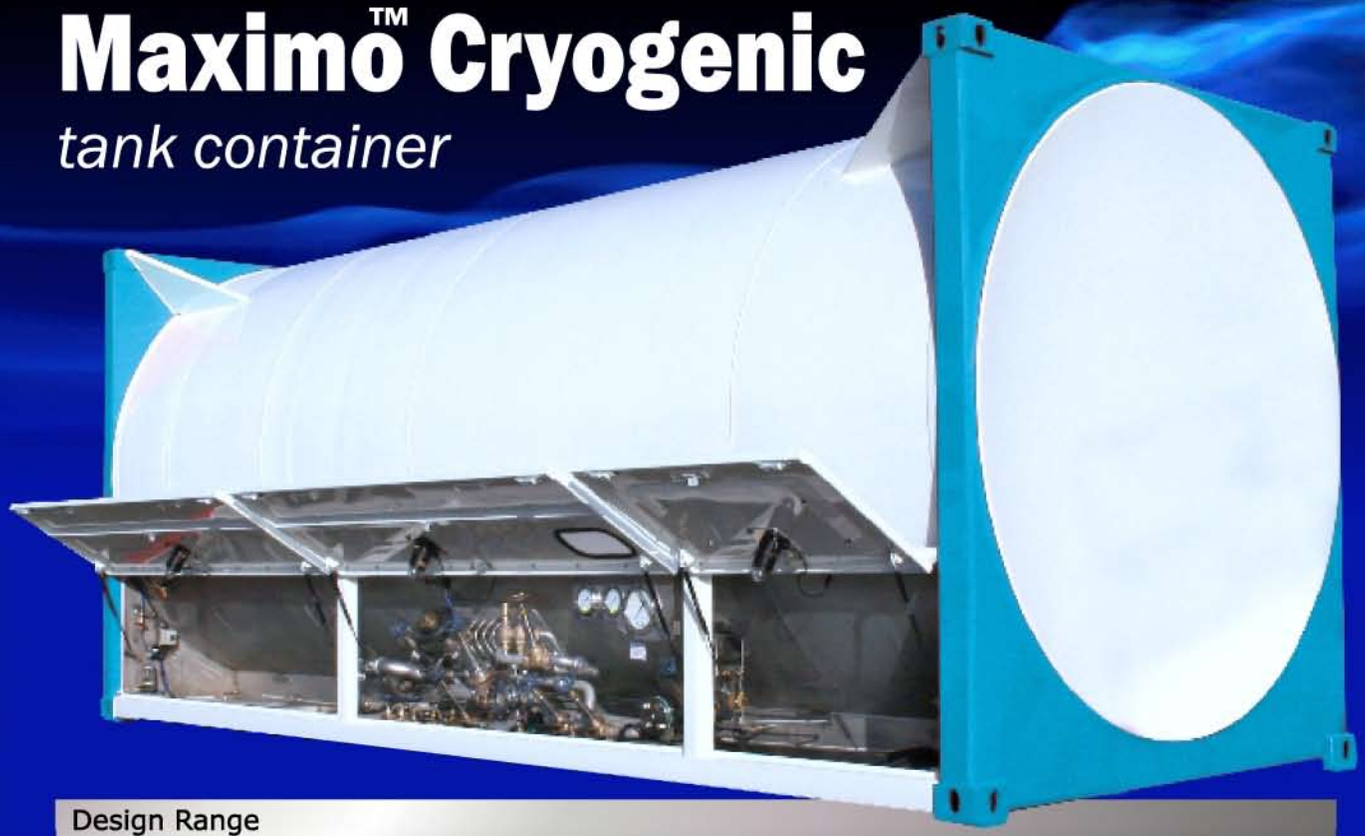
Maximo™ Cryogenic

tank container



Design Range

The Maximo™ offers the air gas industry a wide range of high payload cryogenic containers ranging in capacity from 20000 litre to 44000 litre and in working pressures from 2 to 22 bar, with optimised units for Nitrogen, Oxygen and Argon as well as more specialised units for Ethylene, Nitrous Oxide and L.N.G.

Typical Design Specification	4 Bar Type	10 Bar Type	17 Bar Type
Tank Container Type	IMO T75	IMO T75	IMO T75
Capacity	20000 litres nominal	20000 litres nominal	20000 litres nominal
Tare Weight	5500 Kg	6500 Kg	7990 Kg
Maximum Gross Weight	34000 Kg	34000 Kg	34000 Kg
Maximum Working Pressure	4 bar	10 bar	17 bar
Hydraulic Test Pressure	6.5 bar	14.3 bar	23.4 bar
Design Temperature	- 196 deg C to+50 deg C	-196 deg C to+50 deg C	- 196 deg C to+50 deg C
Design Code Approval	ADR,RID,IMO,CSC,UIC,TIR,ISO,TPED,UNT75		

Tank Container Details

Inner Vessel construction	Austenitic Stainless Steel 304L
Outer Vessel construction	Austenitic Stainless Steel 304
Baffles	In accordance with ADR
Insulation	Vacuum Insulated
Mounting System	Complete Stainless Steel proven and tested to 5g.
Pipework	Austenitic Stainless Steel construction throughout
Valves	Bronze bodied 'screw in' type, or stainless steel 'weld in' valves with interchangeable valve internals

Framework Details

Type	Integral with full base protection
Material	High strength steel throughout
Overall Size	6058 x 2438 x 2591mm High

Options

Pumping System	Optional to facilitate rapid discharge of product
Flowmeter	Provision for Flowmeter in delivery line
Gas Return	To facilitate closed filling

M1 ENGINEERING

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