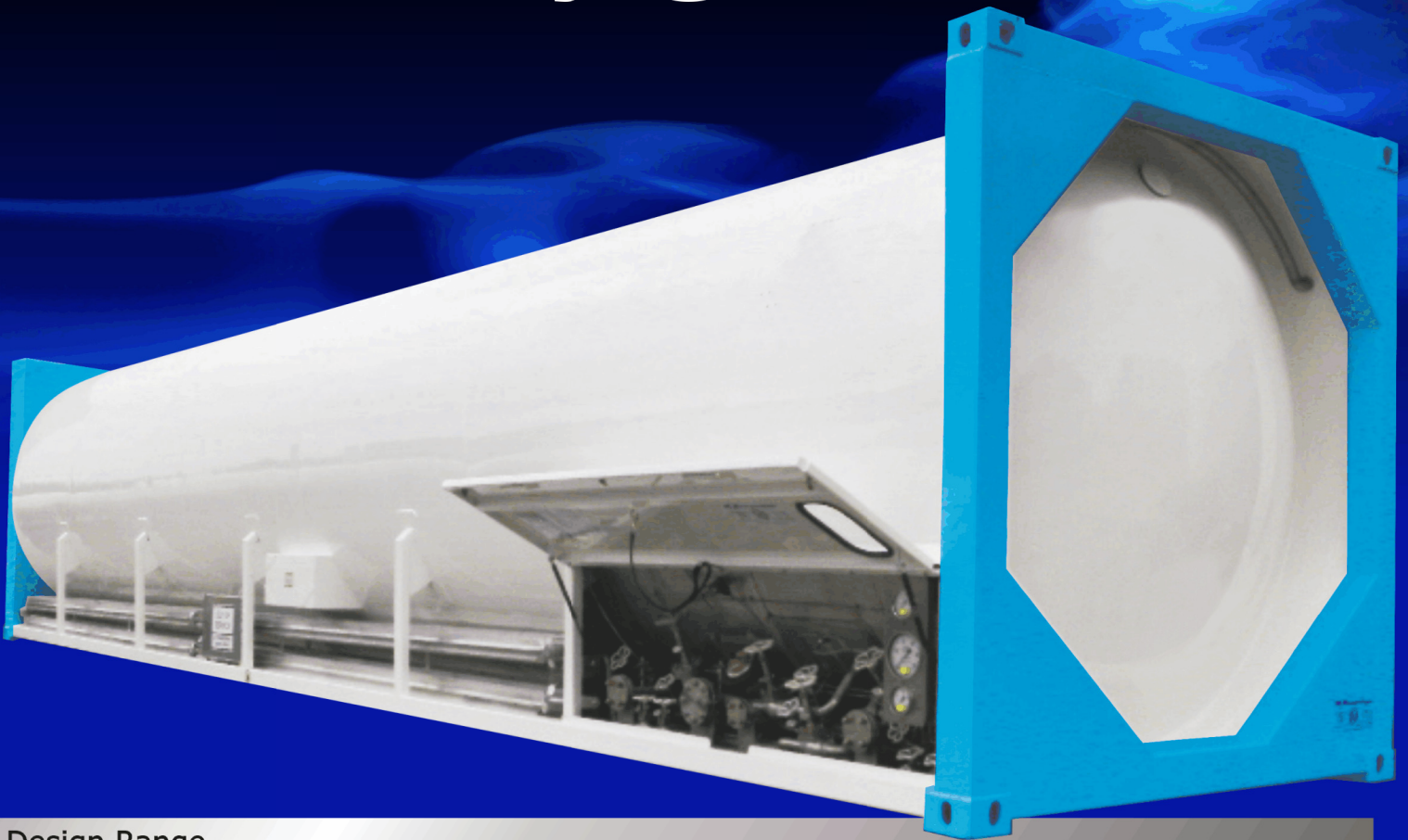


# 40ft LNG Cryogenic Tank container



## Design Range

The M1 Engineering 40ft LNG Container offers a market leading capacity of 46,000 litres. Available in working pressures of 6, 10 and 17 bar, the container can be used for the transport and storage of LNG with optional designs for site power generation and vehicle refuelling

## Typical Design Specification

Typical Design Specification	6Bar Type	10Bar Type	17Bar Type
Tank Container Type	IMO T75	IMO T75	IMO T75
Capacity	46000 litres	45000 litres	44500 litres
Tare Weight (ASME)	10700Kg	11900Kg	17500Kg
Tare Weight (EN code)	10100Kg	10700Kg	14000Kg
Maximum Gross Weight	36000Kg	36000Kg	36000Kg
Maximum Working Pressure	6 bar	10 bar	17 bar
Hydraulic Test Pressure	9.1 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 Jacket construction	Austenitic Stainless Steel 304 - Carbon Steel option available
Baffles	In accordance with ADR
Insulation	Vacuum Insulated
Mounting System	Complete Stainless Steel Proven and tested to 5g
Instrumentation Pipes	Stainless Steel construction
Valves	Stainless Steel weld in type

## Framework Details

Type	Integral with base support frame
Material	Stainless Steel throughout - Carbon Steel option available
Overall Size	12192 x 2438 x 2591mm High

## Options

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

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