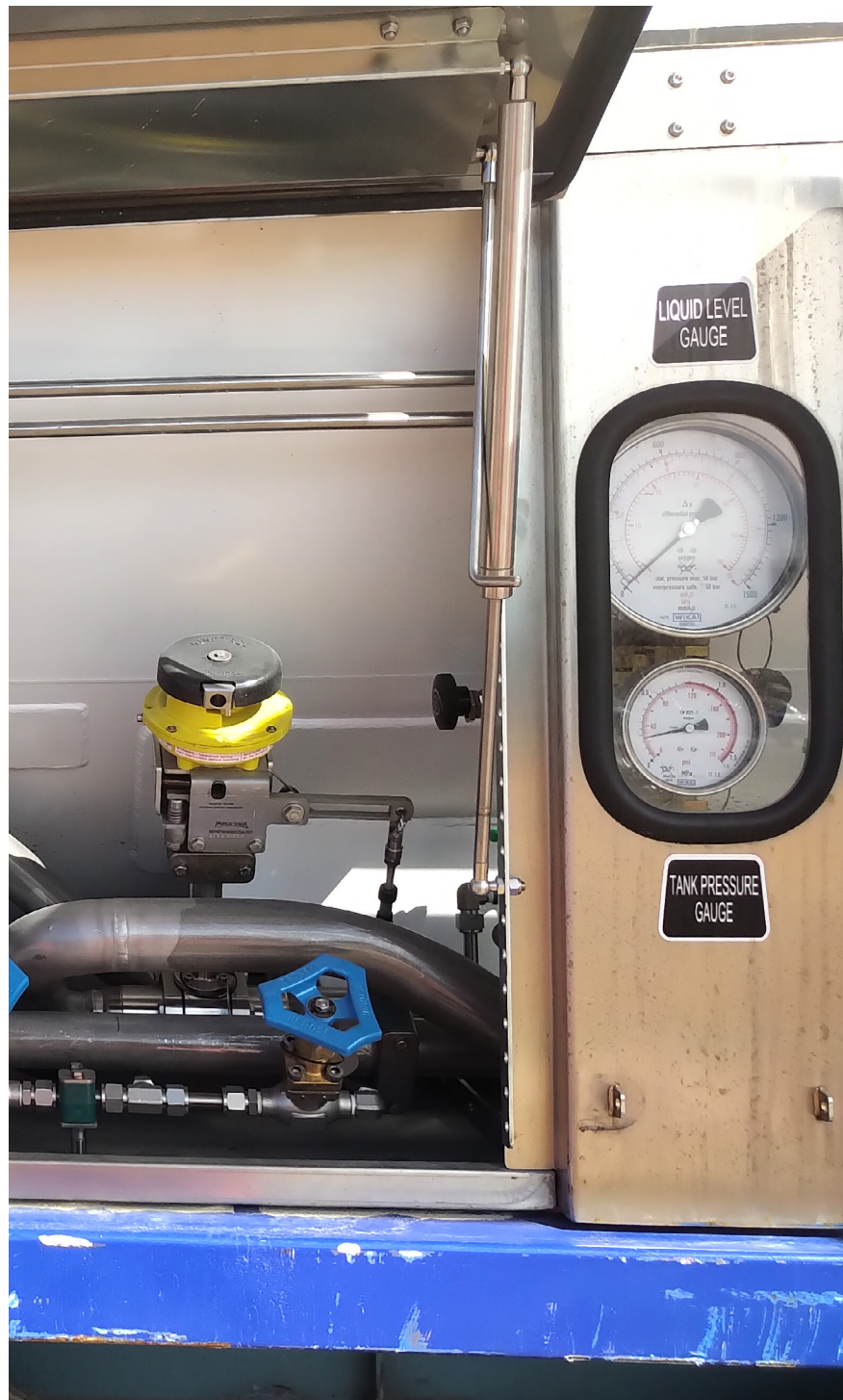


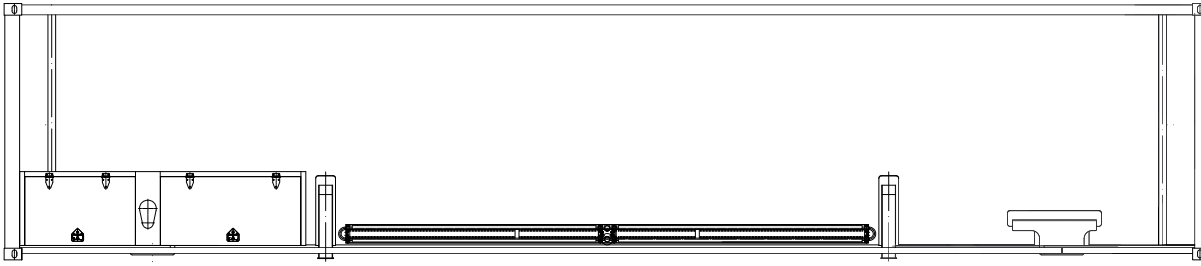
# EXSIF

A Marmon | Berkshire Hathaway Company

## T75 Cryogenic Tank Container

EXSIF offers specialized T75 cryogenic tank containers for transport and storage of cryogenic gases and liquids. These highly specialized T75 tank containers are used as an efficient way to store and transport liquified cryogenic air gases like nitrogen, oxygen, and argon (LIN/LOX/LAR), carbon dioxide (CO2) and liquefied natural gas (LNG). Our 20ft (20,000-22,500 liter) tanks are commonly used for air gases LIN/LOX/LAR and the 40ft (45,500 liter) tanks are used to transport LNG.





# T75 Cryogenic Tank Container

## DIMENSIONS mm ft-in

<b>Length</b>	12,192	40' 0"
<b>Width</b>	2,438	8' 0"
<b>Height</b>	2,591	8' 6"

## CAPACITIES

<b>Capacity Liter</b>	45,500
<b>Capacity US Gallons</b>	12,020
<b>Tare kgs</b>	11,900
<b>Tare lbs</b>	26,235
<b>Max Payload kgs</b>	22,100
<b>Max Payload lbs</b>	48,722

**Baffles** 6 Transverse

**Inner Shell Material** SA240 304N

**Outer Shell Material** SA240 304N

**Piping Material** 316L stainless steel

## PRESSURES

**MAWP** 7.58 barg/110 psig

**Design Temp Inner Vessel** -196°C to +50°C /-321°F to 122°F

**Design Temp Outer Vessel** -40°C to +50°C /-40°F to 122°F

**Design Code** ASME VIII Div 1

**External Finish** 3 Coat system with zinc rich primer

**Internal Finish** Pickled Interior

## VALVES & ACCESSORIES

**Bottom Fill Liquid line** DN50

**Top Fill/Gas line** DN40

**Recirculation line** DN40

**Safety Relief Valve Assembly** 2 X 2 including diverter valve

**Trycock valves** 2 x 90% and 85%

**Instrumentation** WIKA DP Gauge and Level Gauge

**Pressure Build up Unit (PBU)** 230NM<sup>3</sup> Stainless steel pipe + Aluminium alloy fin

**Performance** LNG hold time 100 days at 85% Fill ratio

**Cabinet** 316L Stainless steel with lockable doors

**Insulation** Vacuum with multi-layer super insulation

**Approvals** ISO1496, IMDG,ADR,RID DOT 49CFR,TC,TIR,CSC

**Approved Products** LNG,Methane (LCH4) Ethane (LC2H6) , Ethylene (LC2H4),Nitrogen (LN2)

**Options** Alternative outer vessel materials, Telemetry, Cryogenic pumps, 20ft designs