

**Cryogas Industries** introduces Multi Layer Super Insulated Transport Tankers for fixed chassis mounting upto 18 Bar MAWP. The design enables pressure transfer of cryogenic liquids into storage tanks and operations.



### PRODUCT HIGHLIGHTS

- FT Series tankers are offered in accordance with international design, codes and safety requirements like TPED, ADR, DOT, EN 13530, AD2000 & ASME for transportation of cryogenic liquids.
- Based on chassis selection and availability in different countries, mounting design can be altered for suitability and weight optimization.
- Simple and yet user friendly control cabinet.
- Inner Vessel, Piping, Lifting Lugs & Valves in stainless steel.
- Vacuum probe valves with gauge tube for vacuum measurement on each tanker.

## FIX CHASSIS MOUNTED CRYOGENIC TANKERS MODELS

MODEL	FT0318	FT0518	FT1218	FT1518	FT2410 -LNG
Gross Volume (Ltrs.)	3200	5000	12000	14500	24500
Net Volume (Ltrs.)	3040	4750	11400	13300	22000
MAWP (Barg)	18	18	18	18	10
Empty Weight (Kg.)	2550	3075	5800	7000	7900
Pay Load - LOX (Kg.)	3469	5420	13007	15175	-
Pay Load - LIN (Kg.)	2459	3843	9223	10760	-
Pay Load - LAR (Kg.)	4250	6641	15937	18593	-
Pay Load - LNG (Kg.)	-	-	-	-	9900
Optimized Vehicle Chassis Capacity	9 MT	11 MT	25 MT	31 MT	25 / 31 MT
φD (Approx mm)	1490	1490	2020	2020	2360
LG (Approx mm)	4250	5950	7080	7080	9050
HT (Approx mm)	1585	1585	2200	2200	2460
WT (Approx mm)	750	750	900	900	900

Note : Specifications are subject to change without notice due to continuous product development or to improve reliability, function or design or otherwise.

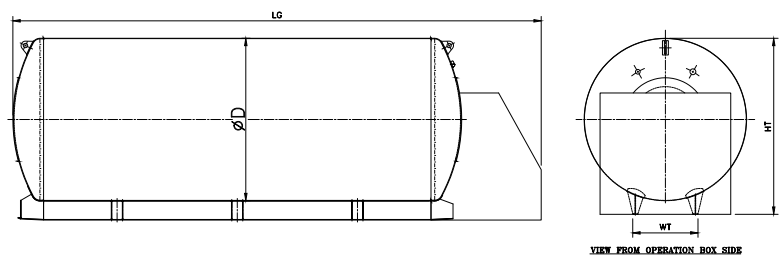
### Nomenclature \*

TAG No.	DESCRIPTION
W1	BOTTOM FILLING / WITHDRAWAL VALVE
W2	TOP FILLING VALVE
W3	PRESSURIZING INLET VALVE
W4	PBU OUTLET VALVE
W5	FLOW DIVERTOR VALVE
V1	VENT VALVE
V2	OVER FLOW VALVE (95%)
V2A	OVER FLOW VALVE (77%)
V3	LIQUID BLOW VALVE
SRV1, SRV	SAFETY RELIEF VALVE FOR INNER VESSEL
TRV1, TRV	PIPE LINE SAFETY VALVE (TRV)
FF	FILLING FLANGE
FF	FILLING FLANGE
PV1	LEVEL GAUGE VALVE
PV2	LEVEL GAUGE VALVE
PV3	PRESSURE BALANCE VALVE
LG1	LEVEL GAUGE
PG1	PRESSURE GAUGE
V.V1	VACUUM PROBE VALVE
V.V2	EVACUATION PORT
SD	SAFETY DEVICE OUTER VESSEL
PBU	PRESSURE BUILD-UP UNIT
OPTION "A"	
BD1, BD2	BURSTING DISC

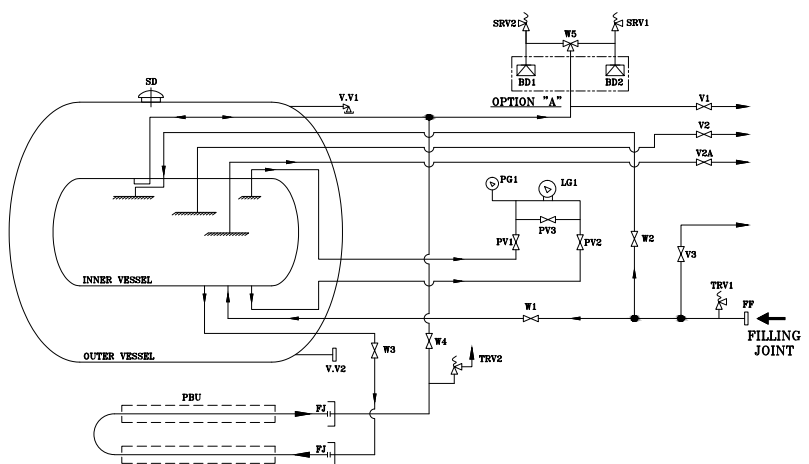
### OPTIONALS

- Rupture discs or Safety valve as secondary safety device
- Fire safe or Emergency shutoff valve
- Flow meter and Printer
- Stainless Steel Outer Vessel
- Additional isolation valves in liquid lines (W1A, W2A)
- SS Single/Double wired braided hose, suitable for O2 Service ( 4m to 5m )

### Basic Dimensions



### Flow Scheme



Cold Converter Storage Tanks ♦ Thermosiphon Tanks ♦ Transport Tankers ♦ Framed ISO Containers ♦ Microbulk Cryogenic Portable Containers  
 Engineered Cryogenic Tanks ♦ Atmospheric Vaporizers and Powered Cryogenic Vaporizers ♦ Vacuum Insulated Pipelines ♦ Complete Turnkey Cryogenic  
 Solutions ♦ LNG Regasification Stations ♦ LCNG Stations ♦ Mobile Cryogenic Vaporizers and Pumping Skids ♦ Portable Helium and Nitrogen Liquefaction  
 Plants ♦ Semi and Fully Automatic Palletized Cylinder Filling Stations and Solutions.