



# Cryogenic Tank Services

Servicing - Manufacturing - Engineering

## ICC-20-P 20,000L T75 TANK

The ICC-20-P is a 20,000L T75 vacuum-insulated liquid gas transportable / storage tank.

Designed to transport liquid gases by road, rail and sea, the tank meets IMDG requirements and is also a CSC-approved 20ft container.

Approved products for transportation include Liquid Nitrogen, Oxygen and Argon.



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# 20,000L T75 TANK (10 Bar & 18 Bar)

## Specification

- Approvals: ISO 1496, ADR, RID, IMDG, EN 13530, CSC, ADR, RID, UN T75, IMDG, TPED
- Dimensions: 6058mm (l) x 2438mm (w) x 2591 (h)  
(20' x 8' 0" w x 8' 6" h)
- Gross Capacity: 20.15m<sup>3</sup>
- M.G.M: 34000kg
- Tare: 6,625kg (10 Bar) / 8,075kg (18 Bar)
- Operating Pressure: 10 Bar / 18 Bar
- Service Temperature: -196°C to +50°C
- Insulation: Vacuum + Multi-Layer Super Insulation
- Material, Inner vessel: Stainless Steel
- Material, Outer Jacket: Carbon Steel (Stainless steel option)
- Annular piping: Stainless Steel S305/1.4301, Schedule 10
- Loss Rate: 0.25% per day (LOX)
- Valve types: Main Operational Valves - Herose Globe
- Pressure-build coil: Aluminium Star-Fin Tubes with Stainless Steel Core Tube
- Connections: CGA (other options available).

## Holding time data

### 10 Bar

|                             | LIN      | LOX      | LAR      |
|-----------------------------|----------|----------|----------|
| Tricock                     | 81%      | 84%      | 84%      |
| Max. Holding Time           | 56 days  | 79 days  | 63 days  |
| Payload @ Max. Holding Time | 12,991kg | 19,097kg | 23,327kg |
| Payload @ 95% filling       | 15,384kg | 21,809kg | 26,647kg |

### 18 Bar

|                             | LIN      | LOX      | LAR      |
|-----------------------------|----------|----------|----------|
| Tricock                     | 72%      | 77%      | 77%      |
| Max. Holding Time           | 71 days  | 102 days | 82 days  |
| Payload @ Max. Holding Time | 11,429kg | 17,523kg | 21,163kg |
| Payload @ 95% filling       | 15,226kg | 21,584kg | 25,625kg |

