

20FT Cryogenic ISO Tank Container for CO2 Storage

This 20FT cryogenic ISO tank container is designed for the safe and efficient storage of CO2. Its robust construction adheres to ISO standards, ensuring compatibility with different transportation methods.



ADDITIONAL IMAGES



Product Overview



High-Performance 20FT Cryogenic CO2 Transport Solution

This 20FT Cryogenic ISO tank container is engineered for the safe and efficient intermodal transportation and storage of liquefied Carbon Dioxide (CO2). Designed to meet rigorous international standards, it features a high-strength stainless steel inner vessel and vacuum insulation to maintain critical cryogenic temperatures. Its robust frame ensures seamless compatibility across road, rail, and sea logistics, making it an ideal choice for the food and beverage, medical, and industrial gas sectors.

Key Performance Metrics

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21700 L

Nominal Capacity

1.8 Mpa

Max Working Pressure

2.2 Mpa

Design Pressure

32200 kg

Max Gross Weight

Dimensions & Capacity

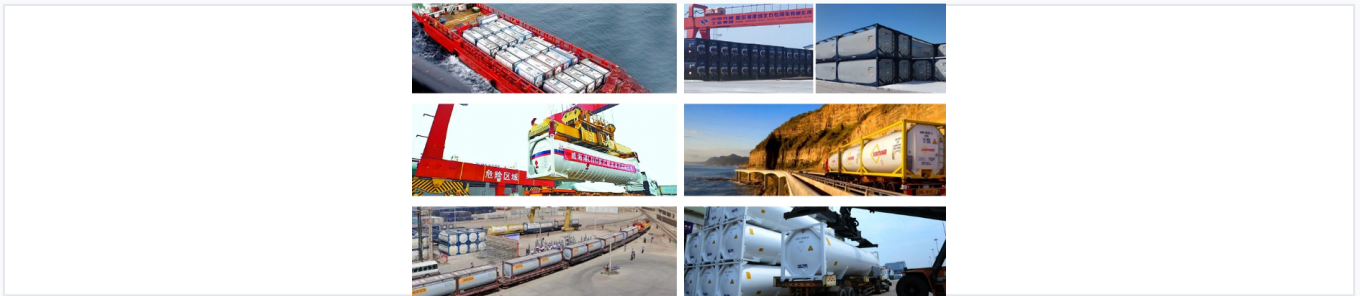
External Dimensions	6058 x 2438 x 2591 mm
Internal Dimensions	5898 x 2352 x 2352 mm
Volume	21.7 M3
Tare Weight	4200 kg

Technical Construction



Inner Vessel Material	Stainless Steel
Outer Jacket Material	Q345R Carbon Steel
Insulation System	Vacuum Insulation with Thermal Protection

Operating Conditions



Design Working Temperature	-40 to +50
Hydraulic Test Pressure	2 Mpa

Compliance & Standards

Design Standards

- GB150 Pressure Vessels
- GB/T 18442 Cryogenic Insulation Pressure Vessels
- TSGR0004 Pressure Vessels Safety Technical Supervision Rules
- ASME / CE / CU-TR (Optional)

Certifications	ISO9001, ASME, ISO Standard
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Safety & Features

Safety & Operational Features

- Pressure relief valves
- Level gauges
- Emergency shut-off valves
- Manway for internal access
- Integrated lifting lugs
- Filling and discharge connections