

Carrymore™ Stainless Steel Cryogenic semi-trailer



Design Range

The Stainless Steel Carrymore™ range offers the air gas industry market leading payloads in capacities from 17000 to 60000 litres with optimised designs for oxygen, argon and nitrogen as well as more specialised units for ethylene, nitrous oxide and L.N.G.

Typical LOX Optimised Specifications

Capacity
Tare Weight*
Maximum Gross Weight
Maximum Working Pressure
Hydraulic Test Pressure
Design Temperature
Design Code Approval

38Te Unit

21000Lt
8300Kg
31000Kg
3 bar
5.2 bar
-196 deg C to + 50 deg C
TPED, ADR

44Te

26000Lt
9500Kg
36000Kg
3 bar
5.2 bar
-196 deg C to + 50 deg C
TPED, ADR

Construction Details

Inner Vessel construction
Outer Jacket construction
Baffles
Insulation
Instrumentation Pipes
Valves

304L Stainless Steel
304 Stainless Steel
In accordance with ADR
Multi-Layer
Stainless Steel construction
Bronze bodied 'screw in' type, or stainless steel 'weld in' valves with interchangeable valve internals.

Options

Pumping System

Removable pump, hydraulic, electric or VFD drives available

Running Gear/Chassis

Supply of unit in single, tandem and tri-axle configurations customised to meet end user requirements, local regulations and gross vehicle weights

Flow Meter
Lift/drop axle
Code approvals

Provision for Flowmeter in delivery line
Activated by suspension system
Local domestic approvals or IMO approval if required

*Tare weight includes 22 KW / 380 / 440V Pumping System

M1ENGINEERING

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