

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

	38Te Unit	44Te
Capacity	21000Lt	26000Lt
Tare Weight*	8300Kg	9500Kg
Maximum Gross Weight	31000Kg	36000Kg
Maximum Working Pressure	3 bar	3 bar
Hydraulic Test Pressure	5.2 bar	5.2 bar
Design Temperature	-196 deg C to + 50 deg C	-196 deg C to + 50 deg C
Design Code Approval	TPED, ADR	TPED, ADR

Construction Details

Inner Vessel construction	304L Stainless Steel
Outer Jacket construction	304 Stainless Steel
Baffles	In accordance with ADR
Insulation	Multi-Layer
Instrumentation Pipes	Stainless Steel construction
Valves	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	Provision for Flowmeter in delivery line
Lift/drop axle	Activated by suspension system
Code approvals	Local domestic approvals or IMO approval if required

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

M1 ENGINEERING

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