

Carrymore™ Aluminium Cryogenic semi-trailer



Design Range

The Aluminium Carrymore™ range offers the air gas industry market leading payloads in capacities from 17000 to 45000 litres with optimised designs for both nitrogen and argon.

LIN Optimised Specification	40te UNIT	44te UNIT
Capacity	34500 litres nominal	38500 litres nominal
Tare Weight*	8200 Kg	8500 Kg
Maximum Gross Weight	33000 Kg	36000 Kg
Maximum Working Pressure	3 bar	3 bar
Hydraulic Test Pressure	5.2bar	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	Aluminium 5000 Series
Outer jacket construction	Aluminium 5000 Series
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

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