

Carrymore™ Bimetallic Cryogenic

semi-trailer



Design Range

Optimised for Oxygen service the Bimetallic Carrymore™ offers the air gas industry market leading payloads in capacities from 25000 to 36000 litres when optimising for Oxygen service

Optimised Specification	40te LOX UNIT	40te LIN/LOX unit	44te LOX Unit
Capacity	25000 litres	33000 litres	27000 litres
Tare Weight*	7520Kg	8500Kg	7900Kg
Maximum Gross Weight	33000Kg	33000Kg	36000Kg
Maximum Working Pressure	3 bar	3 bar	3 bar
Hydraulic Test Pressure	5.2 bar	5.2 bar	5.2 bar
Design Temperature	-196 deg C to +50 deg C	-196 deg C to +50 deg C	-196 deg C to +50 deg C
Design Code Approval	TPED, ADR	TPED, ADR	TPED, ADR

Construction Details

Inner Vessel construction	Stainless Steel
Outer Jacket construction	Aluminium 5000 Series
Baffles	In accordance with ADR
Insulation	Vacuum Insulated
Instrumentation Pipes	Stainless Steel construction
Valves	Bronze bodied 'screw in' type, or stainless steel 'weld in' valves with interchangeable valve internals

Options

Pumping System	Optional to facilitate rapid discharge of product
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 22KW / 380 / 440V Pumping System

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