

# Carrymore™ LNG Cryogenic semi-trailer



## Design Range

The LNG Carrymore™ range offers market leading payloads in capacities from 17000 to 60000 litres with optimised designs for both LNG and for Ethylene.

| Typical LNG Optimised Specifications | 40Te Unit                 | 44Te Unit                 |
|--------------------------------------|---------------------------|---------------------------|
| Capacity                             | 51000Lt                   | 56000Lt                   |
| Tare Weight                          | 14500Kg                   | 15500Kg                   |
| Maximum Gross Weight                 | 33000Kg                   | 36000Kg                   |
| Maximum Working Pressure             | 8 bar                     | 8 bar                     |
| Hydraulic Test Pressure              | 11.7 bar                  | 11.7 bar                  |
| Design Temperature                   | - 196 deg C to + 50 deg C | - 196 deg C to + 50 deg C |
| Design Code Approval                 | TPED, ADR, ATEX           | TPED, ADR, ATEX           |

## 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                    | Stainless steel 'weld in' valves |

## 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   |

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