

Liquid Hydrogen Trailer



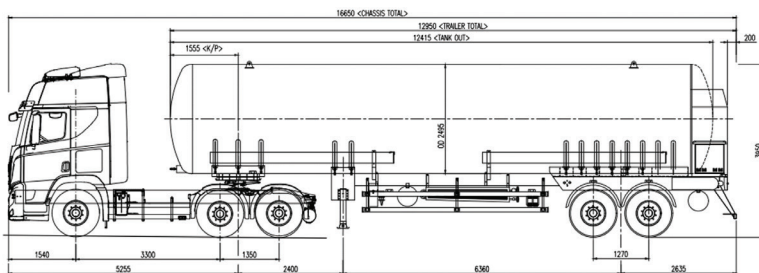
Product description

Liquid Hydrogen road tanker with customer specified tank, axles, running gear, valves and pipework systems. The most cost effective solution for storage and transportation of hydrogen.

Features

- Designed, fabricated, tested and inspected in accordance with KGS code (KGS AC113 2021')
- Insulated with multi-layer and vacuum insulation
- A240-304 Stainless steel construction

Trailer schematics



Technical data

Capacity	40,000 - 48,000 L
Kind of fluid	Liquid Hydrogen
Payload	2,500 - 3,000 kg
Design pressure	10.0 bar g.
Operating pressure	3.0 bar g.
Design temperature	-253 to 38 °C
Operating temperature	-253 to 38 °C
Joint efficiency (S/H)	1.0
Type of head	2:1 Ellipsoidal
Painting (C.S parts)	None
Insulation	Multi layer insulation & vacuum insulation
Empty weight	25,530 / 27,130 kg
Operating weight	28,030 / 30,130 kg
Holding time	120 hr
Normal evaporation rate	0.9 %/day