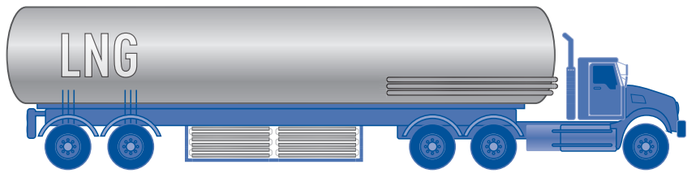
LNG Semi-Trailer Data Sheet



LNG Semi-Trailer Specifications	40 ton	44 ton
Volumetric Capacity #1	52.500 lt.	60.000 lt.
MAWP	6 bar	6 bar
Tare Weight #1	11.500 kg.	12.400 kg.
Gross Weight #1	31.800 kg.	36.300 kg.
Roll Over Angle	21.72°	21.18°
Holding Time	20 days	20 days
PBU	Included	Included
Cabinet	Rear	Side #2

Product Details	40 ton	44 ton
Design Code	TPED, ADR, ATEX	TPED, ADR, ATEX
Inner Vessel Material	Stainless Steel	Stainless Steel
Outer Shell Material	Carbon/Stainless Steel	Carbon/Stainless Steel
Piping Material	Stainless Steel	Stainless Steel
Valve Material	Stainless Steel	Stainless Steel
Baffles	acc. to ADR	acc. to ADR
Insulation	MLI+Vacuum	MLI+Vacuum
Painting	C5-M	C5-M

Equipment Data	
Pump	Optional, hydraulic/electrical driven
Flow Meter	Optional
Roll Over Valve	Optional
Anti Tow-Away System (ATS)	Standard
Overfilling Protection	Optional, PT-100 actuates the pneumatic valves
Pump Control	With standard PLC
Dead Man Button	Standard

Running Gear	
Material	Carbon Steel / Hot Dipped Galvanized/ Stainless Steel
Number of Axles	3
Axle Supplier	BPW/SAF/GIGANT
1st Axle with automatic lifting system	Standard
2nd Axle odometer	Optional
3rd Axle with steering system	Optional
OptiTurn™	Optional
King Pin	JOST/SAF/OMS
Landing Gear	JOST/SAF/OMS
EBS + RSS	WABCO
Braking System	Disc
Suspension	Air
Lighting	ASPÖCK/VARROC
Side Bumper	Aluminum, acc. to code
Rear Bumper	Aluminum, ASPÖCK/PURSO/TALKER
IMO 8	Optional
Spare Wheel	Optional

Some of our Features!

- Superior Design
- Low Tare Weight
- High Capacity
- High Roll-Over Angle
- High Quality Running Gear
- Standard Anti Tow-Away System (ATS)
- Optional Additional Overfilling Protection
- High Quality (C5-M) Painting
- Embedded PLC with Pump Control and Dead Man Features
- Optional Rollover Valve (to unload LNG in case of an incident)

ARITAŞ KRİYOJENİK ENDÜSTRİ SAN. VE TİC. A.Ş.

HEAD OFFICE
OFİSİM İSTANBUL, TUGAY YOLU CAD.
NO:20, B BLOK KAT:13, 34846
CEVİZLİ, MALTEPE-İSTANBUL / TURKEY

FACTORY
TAŞTEPE MEVKİİ BUĞDAYLI MAH.
BANDIRMA ORGANİZE SANAYİ BÖLGESİ
1. SOK. NO: 9 GÖNEN-BALIKESİR / TURKEY

info@aritas.com.tr | aritas.com.tr