Cryogenic Transport Tanks

Transport tanks for cost efficient distribution of cryogenic gases
Innogas delivers all types of tank equipment for transportation of cryogenic gases. Our products can be certified for all modes of transportation (road, train and sea).

Our products include:
- Semi trailers
- Rigid body tanks (for installation on trucks)
- Skid mounted tanks
- ISO containers
- ADR containers

All products are designed and manufactured in accordance with national and international standards. All our transport tanks are designed according to ADR and related rules. In addition ASME, GOST, IMO, RID and DOT rules can be applied for design and approval.

LNG-Trailers
For the Nordic Market

Innogas delivers LNG trailers designed especially for the Nordic market. The trailers are according to the maximum 50-ton total axle-load.

Main specifications:
- Super-insulated tank (MLI system)
- Gross tank capacity 57,560 lt
- Duplex or carbon steel outer vessel
- Hydraulic or electric pump system
- Special tank design for lowered centre of gravity
- Super-single wheels design with lifting and turning axles
- Roll-over protection system, secures access to gas phase if tank is rolled over
- SAF or BPW axles
- Wabco EBS brake system
- Chassis in stainless steel or carbon steel
- Chassis and rolling gear installed by OMSP Macola, Padova, Italy
- Our trailers are designed for Nordic climate and operating conditions

Transport Containers

Innogas delivers optimized transport containers for all liquefied gases, including LNG, LIN, LOX, LAR and CO₂. We deliver ISO containers for all modes of transport and maximum flexibility, and also ADR containers for cost efficient road transportation.

Container design:
- 20’ - 40’ units.
- Up to 35 bar design pressure.
- Insulated with perlite under vacuum or multi layer system.
- With installed pump or prepared for external pump arrangement.
- Tank capacity up to 41 m³ (perlite insulated), and 45 m³ (multi-layer insulated).

Design, Manufacturing & Testing

The cryogenic transport tanks that Innogas deliver are vacuum insulated. They have an inner vessel in stainless steel and an outer jacket in painted carbon steel. The annular space between the inner and outer vessels is filled with perlite held under vacuum to ensure long holding times and low boil-off in the tank. For high capacity designs we use multilayer insulation instead of perlite.

- Our systems are manufactured to the highest standards
- Approval of design, inspection and verification of manufacturing by TÜV
- Manufacturing by partner Aritas Pressure Vessels Co, a leading manufacturer of cryogenic equipment located in Istanbul. Aritas is an ISO 9001:2000 Company, AD2000-Merkblatt HP 0 & DIN EN 729-2 Certified, ASME U Stamp & S Stamp holder and have more than 30 years experience in cryogenics.