YILTEKS®
ENERJİ

+90 342 444 6251
+90 342 513 0061

info@yilteksenerji.com.tr
www.yilteksenerji.com.tr

E-90 Karayolu Gaziantep Yönü
No: 149/A Nizip/Gaziantep
Turkey

/yilteksenerji

YILTEKS®
ENERJİ

ABOUT US

YILTEKS GROUP OF COMPANIES

Yılteks Group has started its activities with the automotive sector in 2006 and achieved great success in this field. In 2008, it expanded its fields of activity by stepping into the energy market with the LPG sector under the brand of Yılteks Energy.

Yılteks Energy is a member of a group consisting of Dishead, Logistics, Petroleum and Construction sectors, each of which is among the leading companies in the sectors in which they operate, and employs 300 personnel.

Yılteks Group of Companies, which carries out most of its activities in the field of export, exports to more than 40 countries and contributes to the country's economy. Yılteks Group of Companies, the market leader of the Yılteks Energy brand it owns especially in the Middle East market, has become one of the most important and reliable representatives of Turkey in these countries.

YILTEKS ENERJİ

Yılteks Energy founded in Gaziantep in 2008 is one of the six companies of Yılteks Group serving the pressure vessels sector. Yılteks Energy has become one of the distinguished companies in the sector in a short time and has made a name for itself.

In the meantime, it has been leading the sector in the field of energy engineering, especially all kinds of Steel Construction works, LPG Tanks, Ammonia Tanks, Cryogenic Tanks, LNG Tanks, Underground and Aboveground Storage Tanks.

Yılteks Energy, which produces at high standards and quality that can meet the needs of the world energy markets, with a closed area of 40,000 m2 and a total area of 70,000 m2 in its production facilities located in Nizip district of Gaziantep; It is one of the most respected manufacturers in the world, offering system solutions to its customers who have successfully signed special projects with its experienced and distinguished staff.

To the expectations of the contemporary world; with the assurance of its experience and successes, it works to be preferred in the future too by offering the most accurate solutions with service, competition, success, and development.

PRODUCTS

OUR MAJOR PRODUCT GROUPS

- LPG TRANSPORT TANKS
- LPG STORAGE TANKS
- LPG AUTOGAS TANKS
- LPG SKID TANKS
- LPG ISO TANK CONTAINER
- LPG TURNKEY PROJECTS
- COMPRESSED AIR TANKS
- NH3 (AMMONIA) TRANSPORT TANKS
- NH3 (AMMONIA) STORAGE TANKS
- FUEL TRANSPORT TANKS
- FUEL STORAGE TANKS
- CRYOGENIC TANKS
  - *A. LNG TRANSPORT TANKS*
  - *B. LNG STORAGE TANKS*
  - *C. LIN/LOX/LAR TRANSPORT TANKS*
  - *D. LIN/LOX/LAR STORAGE TANKS*
  - *E. LCO2 TRANSPORT TANKS*
  - *F. LCO2 STORAGE TANKS*
  - *G. AMBIENT VAPORIZER*

QUALITY

QUALITY And CONTROLS

YILTEKS is an organization that develops continuously by applying total quality management effectively, increases its product range day by day with its dynamic structure and takes firm steps forward in the sector.

YILTEKS acts with the aim and understanding of producing the best quality in all processes.

Our products are manufactured with expert team and state-of-the-art equipment.

Manufacturing and quality processes; It is done under the supervision of third-party supervisors in accordance with standards and procedures with our expert, experienced engineer staff.

All raw materials and consumables are used in accordance with TSE, EN, and ASME standards.

The chemical and mechanical values of the steel material used are tested and recorded.

Welding is done by certified welders with materials and methods that comply with standards.

All welded joints are tested and checked by our certified NDT personnel, who are competent in their fields and have international validity.

Destructive and non-destructive test results are recorded and archived according to the requirements of the standards.

NON-DESTRUCTIVE TESTING ("Non-Desctructive test" NDT) :

- Visual inspection
- Magnetic particle test
- Penetrant testing
- Ultrasonic testing
- Radiographic (X-ray) test

PRESSURE TESTS :

- Hydrostatic test
- Pneumatic test
- Leakage test

OUR INTERNATIONAL APPROVED CERTIFICATES AND DOCUMENTS

- ISO 9001:2008 Quality Management System
- ISO14001:2004 Environmental Management System
- OHSAS 18001:2007 Occupational Health and Safety Management System
- EN ISO 3834-2
- Directive (UE) 2018/858 "Motor Vehicles and Trailers Type Approval Regulation"
- Directive 2010/35/EU (TPED)
- Directive2014/68/EU (PED)
- ASME Stamp (U, U2,S)

YILTEKS offers certified products for pressure vessels by designing and manufacturing according to the following design codes and standards.

- TSE standards
- EN 13445 - EN 12542 + PED 2014/68/EU
- ASME Div.1 – Div.2
- AD 2000
- BS 5500
- CODAP
- EN12493+ADR+T9

LPG TRANSPORT TANKS

LPG SEMI TRAILER

TECHNICIAL SPECIFICATIONS

Tank Volume: From 30m³ to 65 m³
Tank Class: Class 2 (Gas)
Products to be Carried: UN 1965 - Hydrocarbon gas mixtures
UN 1978 – Propane
UN 1011 – Butane
UN 1075 – Petroleum gases, Liquefied
Operating Temperature: Between -50°C and +65 'C
Design standard: ADR, EN 12493, EN 12252, TPED, AD2000 Merkblatter, ASME or CODAP

GENERAL FEATURES

The tank is designed with a cylindrical cross-section creating the most durable and lightest tank-chassis combination.
Our designs include qualified braking and roll stability performance tests.

In our tanks, high-strength, fine-grained, normalized special "P" series pressure vessel steel is used in accordance with EN 10028-3 norm.
The mechanical and metallurgical properties of steels are tested and verified. An elliptical dishead is used in the tank heads, which has been subjected to stress relief in accordance with the standards.
Manufacturing and quality processes are carried out under the supervision of an independent inspection organization, in accordance with standards and procedures, with our expert, experienced engineer staff.
Welding is done by certified welders with materials and methods that comply with standards.
All welded joints are tested and controlled by our certified NDT personnel who are competent and internationally valid.
The inside of the tank is equipped with bolt-connected breakwaters and ring in accordance with the standards.
After manufacturing, all tanks are subjected to hydrostatic pressure test. After this test, the connections of the tank accessories are tested with air against leaks.
The chassis is manufactured in accordance with the 2007/46/EC directive and a certificate of conformity is given.
It is delivered as approved with the cold brand and identification plate on the chassis.
The chassis is manufactured using high-strength steel to withstand all road and load conditions.
It is offered with double speed trailer type model and different brand options, each with 25 tons of dynamic and 50 tons of static load capacity on the parking legs.
Axles With different axle and suspension options;
-Optional from one axle to 4 axles
-Single or double tire
-Mechanical or air suspension options are available.
The braking system is offered with EBS, ABS or RSP system.

< X >				ADR
30 ~ 70 m Volume Range	-40 ~ +50 ˚C Design Temperature	17 ~ 21 Bar Design Pressure	8 – 12 mm Material Thickness	P18BN P21BN Tank Code

STANDARD EQUIPMENT

Safety Valves
Manometer
Thermometer
Drain Nozzle
DN 450 manhole
Fixed level indicator (5%, 85%)
Rotary Level indicator
Hydraulically actuated internal valves
Type-approved detachable 2" king-pin conforming to 94/20/EC directive
Parking Legs
24 V, 7 pin ex-proof electrical system
Steel Rim
Drum Brake
Rear bumper Wheel chocks and holders (2 pcs)
Plastic tool cabinet
Plastic Water tank
Fire Extinguisher tube transport cabinet
Mechanical spare wheel carrier
Reflector and side guards
Warning and warning signs on the tank
LPG Logo
Filling and discharging connections
Line Safety Valves
Line Pressure Gauges
Liquid transfer hose carriers (2 sets on the sides)
High-quality and ergonomic valve cabinet made of metal.

OPTIONAL EQUIPMENT

Magnetic level indicator
Pneumatically actuated internal valves
Sunshade
Ventilation
Tipping nozzles
Type-approved detachable 3.5" king-pin conforming to 94/20/EC directive
Aluminum rim
Disc brake
Chrome water tank
Emergency stop button
Fire extinguisher tubes
Safety system preventing vehicle movement during operation Stainless valve cabinet
Lighting fixture inside the valve cabinet
Remote emergency stop
Grounding reel
Spare tyre
LPG Transfer Pump
- Hydraulic pump
- Electric pump
LPG meter and ticket printer

LPG hose reel; Liquid phase, vapor phase or only with LPG pump - Electric automatic winding
- Hydraulic automatic winding
- Pneumatic automatic winding
Selector (used only with LPG pump)

LPG SEMI TRAILER

LPG BOBTAIL TANK

LPG BOBTAIL TANK

TECHNICAL SPECIFICATIONS:

Tank Volume: from 2 m^3 to 35 m^3
Tank Class: Class 2 (Gas)
Products to be Carried: UN 1965 - Hydrocarbon gas mixtures
UN 1978 – Propane
UN 1011 – Butane
UN 1075 – Petroleum gases, Liquefied
Operating Temperature: - 50 'C to +65 'C
Design standard: ADR, EN 12493, EN 12252, TPED, AD2000 Merkblatter, ASME or CODAP

GENERAL FEATURES

•The tank is designed with a cylindrical section and is designed with the most durable and lightest combination.
• In our tanks, high strength, fine grained, normalized special "P" series pressure vessel steel is used in accordance with EN 10028-3 norm.
Mechanical and metallurgical properties of steels are tested and verified
• •An elliptical dishead is used in the tank heads, which has been stress relieved in accordance with the standards.
•Manufacturing and quality processes are carried out by our expert, experienced engineer staff in accordance with standards and procedures, under the supervision of an independent inspection company.
•Welding is done by certified welders with materials and methods that comply with standards.
•All welded joints are tested and controlled by our certified NDT personnel who are competent and internationally valid.
•The inside of the tank is equipped with bolt-connected breakwaters and ring in accordance with the standards.
•After manufacturing, all tanks are subjected to hydrostatic pressure test. After this test, the connections of the tank accessories are tested with air against leaks.
• Tank outer surfaces are sandblasted in SA 2,5 quality before painting.
• The best product is offered to the customer with the latest technology "OVEN PAINT" method by using corrosion resistant, long-lasting, high quality two-component paint products of paint companies that have proven their international quality for painting.

< x >				ADR
10 ~ 34 m Volume Range	-40 ~ +50 °C Design Temperature	17 ~ 21 Bar Design Pressure	8 – 12 mm Material Thickness	P18BN P21BN Tank Code

Precision Engineering
Required design and pressure calculations for filling, transporting and discharging operations of liquid petroleum gases aredeveloped with precision engineering solutions.

STANDARD EQUIPMENT

•Safety valves
•Manometer
•Thermometer
• Drainage nozzle
•DN 450 manhole
• Fixed level indicator (5%, 85%)
• Rotary level indicator (Rotogauge)
• Hydraulic actuated internal valves
•Rear bumper
•Plastic tool cabinet
•Plastic water tank
• Fire extinguisher tube transport cabinet
•Warning and warning signs on the tank
LPG logo
•Filling and discharging connections
•Line safety valves
•Line pressure gauges
•Liquid transfer hose carriers (2 sets on the sides)
•High quality and ergonomic valve cabinet made of metal
•Earthing rod

OPTIONAL EQUIPMENT

•Magnetic level indicator
• Pneumatically driven internal valves
•Sunshade
• Ventilation
•Tipping No22les
•Chrome water tank
•Emergency stop button
• Fire extinguisher tubes
Anti-tow away system that prevents vehicle movement during operation
•Stainless valve cabinet
•Lighting fixture inside the valve cabinet
•Remote emergency stop
•Grounding reel
•Spare tyre
•LPG Transfer Pump - Hydraulic pump - Electric pump
LPG counter and ticket printer
•LPG hose reel; Liquid phase, vapor phase or only with LPG pump - Electric automatic winding - Hydraulic automatic winding - Pneumatic automatic winding
•Selector (used only with LPG pump)

Modular Options
Specially designed alternative volume, discharge systems and equipment options; solve your business.

HIGHLIGHTS

Heat Protection Shield
It provides protection at high temperatures and reduces the pressure inside the body.

Aluminum Armature Cabinet Door
Lightweight, without risk of sparks, mobility in narrow space and ergonomic provides usage.

ADR Type Approved body
Compliance with current national and international legislation, expert in its field. Provides full and secure control by the team

Homogeneous Paint Application with Improved Technical Equipment
It provides surface shine in varnished paint quality.

LPG STORAGE TANKS

LPG STORAGE TANKS

TECHNICAL SPECIFICATIONS

•Tank Volume: from 0.5 m^3 to 500 m^3
(For domestic tanks 500 lt, 1750 lt, 3000 lt, 5000 lt, 7000 lt and 10.000 lt)
• Tank Class: Class 2 (Gas)
•Products to be Stored: UN 1965 - Hydrocarbon gas mixtures
EN 13445, AD2000 MERK BLATTER, EN 12542, ASME SEC. VIII. DIV.1-DIV.2+PED U2
•Operating Temperature: - 40 'C to +70 'C
•Design standard: EN 13445/ PED, CE BRANDED, AD2000 Merkblatter, ASME U or U2 stamped, CODAP or BS 5500.

GENERAL FEATURES

• It is manufactured as above-ground or underground storage tanks depending on the model.
• The tank is designed with a cylindrical cross-section and is designed with the most durable and safest combination.
• In our tanks, high strength, fine-grained, normalized special "P" series pressure vessel steel is used in accordance with EN 10028-3 norm. Mechanical and metallurgical properties of steels are tested and verified
. • An elliptical dished is used in the tank heads, which has been stress relieved in accordance with the standards.
• Manufacturing and quality processes are carried out by our expert, experienced engineer staff, in accordance with standards and procedures, under the supervision of an independent inspection company.
• Welding is done by certified welders with materials and methods conforming to standards.
• All welded joints are tested and controlled by our certified NDT personnel who are competent and internationally valid.
• After manufacturing, all tanks are subjected to hydrostatic pressure test.
• Tank outer surfaces are sandblasted in SA 2,5 quality before painting.
• The best product is offered to the customer by using corrosion-resistant, long-lasting, high-quality two-component paint products of paint companies that have proven their international quality for painting.

STANDARD EQUIPMENT

- Safety valve
- Manometer
- Thermometer
- Drain nozzle
- DN 200 Sight hole
- Fixed level indicator (5%, 85%)
- Rotary level indicator (Rotogauge)
- Filling and discharging connections

OPTIONAL EQUIPMENT

- Special detail or customer-oriented design
- Magnetic level indicator
- Sunshade
- DN 450 manhole
- Customer logo
- Water cooling system
- Additional nozzles
- Double suction line
- Submersible pump application

LPG STORAGE TANKS

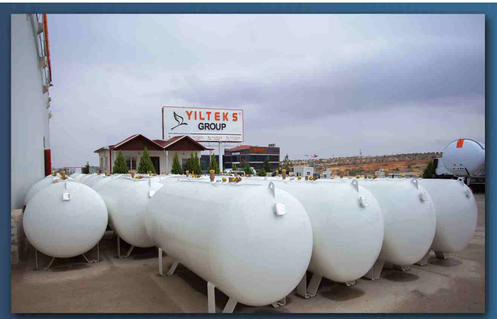
STANDARD EQUIPMENT

- Safety valve
- Manometer
- Thermometer
- Drain nozzle
- DN 200 Sight hole
- Fixed level indicator (5%, 85%)
- Rotary level indicator (Rotogauge)
- Filling and discharging connections

OPTIONAL EQUIPMENT

- Special detail or customer-oriented design
- Magnetic level indicator
- Sunshade
- DN 450 manhole
- Customer logo
- Water cooling system
- Additional nozzles
- Double suction line
- Submersible pump application

LPG DOMESTIC TANKS



LPG SKID TANKS

LPG SKID TANKS

TECHNICIAL SPECIFICATIONS

Tank Volume: from 2 m^3 to 35 m^3
Tank Class: Class 2 (Gas)
Products to be Carried: UN 1965 - Hydrocarbon gas mixtures
EN 13445, AD2000 MERK BLATTER, EN 12542, ASME SEC. VIII. DIV.1-DIV.2+PED U2
Operating Temperature: - 50 'C to +65 'C
Design standard: ADR, EN 12493, EN 12252, TPED, AD2000 Merkblatter, ASME or CODAP

GENERAL FEATURES

- The tank is designed with a cylindrical section and is designed with the most durable and lightest combination.
- In our tanks, high strength, fine grained, normalized special "P" series pressure vessel steel is used in accordance with EN 10028-3 norm. The mechanical and metallurgical properties of steels are tested and verified.
- An elliptical camber is used in the tank heads, which has been stress relieved in accordance with the standards.
- Manufacturing and quality processes are carried out by our expert, experienced engineer staff, in accordance with standards and procedures, under the supervision of an independent inspection company.
- Welding is done by certified welders with materials and methods conforming to standards.
- All welded joints are tested and controlled by our certified NDT personnel who are competent and internationally valid.
- The inside of the tank is equipped with bolt-connected breakwaters and ring in accordance with the standards.
- After manufacturing, all tanks are subjected to hydrostatic pressure test. After this test, the connections of the tank accessories are tested with air against leaks.
- Tank outer surfaces are sandblasted in SA 2,5 quality before painting.
- The best product is offered to the customer with the latest technology "OVEN PAINT" method by using corrosion-resistant, long-lasting, high-quality two-component paint products of paint companies that have proven their international quality for painting.

Skid Tanks
A quick solution for the LPG sector, which includes all the necessary machinery and equipment. tube filling Models are available for plants and autogas services.

STANDARD EQUIPMENT

- Safety valve
- Manometer
- Thermometer
- Drain nozzle
- DN 200 Sighting hole
- Fixed level indicator (5%, 85%)
- Rotary level indicator (Rotogauge)
- Fire extinguisher
- Dispenser
- Multistage pump
- Electric panel
- Piping works
- Filling and discharging connections

OPTIONAL EQUIPMENT

Optional design options according to customer request;

- Double Nozzle Dispenser
- Electronic Filling Scale
- Semi Automatic Filling Scale
- Metering Sytem
- Loading –Unloaind pump
- Gas leak dedector siren
- Air Compressor

LPG SKID TANKS

LPG AUTOGAS TANKS

LPG AUTOGAS TANKS

• Tank Capacity: between 7 m^3 and 50 m^3
• Tank Class: Class 2 (Gases)
• Products to be stored: UN 1965 – Hydrocarbon gas mixture
UN 1978 – Propane
UN 1011 – Butane
UN 1075 – Fuel- oil gas, Liquefied
• Operating Temperature: between - 30 'C and +70 'C
• Design Standard: EN 12542, EN 13445/ PED, CE BRAND , AD2000 Merkblatter, ASME U or U2 stamp , CODAP or BS 5500.

GENERAL FEATURES

• According to the model it is manufactured as aboveground or underground storage tanks
• Tank is designed with cylindrical section and designed with the most durable and safest combination.
• Our tanks use special high strength, fine grained, normalized "P" series pressure vessel steel in accordance with EN 10028-3. The mechanical and metallurgical properties of the steel are tested and verified.
• An elliptical dished head end is used in tank heads with stress relieving according to standards.
• Manufacturing and quality processes are carried out under the supervision of an independent inspection body, in accordance with standards and procedures, by a qualified, experienced engineer.
• Welding is done by certified welders in accordance with standards and materials.
• Certified NDT personnel with competence and international competence in testing and controlling all welded joints.
• Once installed, all tanks are subjected to a hydrostatic pressure test. After this test, the connections of the tank accessories are tested with air against leaks.
• Outer surfaces of the tank are sandblasted at SA quality 2.5 before painting.
• Provide the best product to the customers by using corrosion resistant, long lasting, high quality two component paint products of paint companies which have proven internationally for dyeing.

STANDARD EQUIPMENT

• Safety valve
• Manometer
• Thermometer
• Drain nozzle
• DN 450 manhole
• Fixed level indicator (5%, 85%)
• Rotary level indicator (Rotogauge)
• Ground connection

OPTIONAL EQUIPMENT

• Special detail or customer-oriented design
• Magnetic level indicator
• Sunshade
• DN 450 manhole
• Customer logo
• Water cooling system
• Additional nozzles
• Double suction line
• Submersible pump application

In order to respond to the demands of autogas service stations designed and manufactured autogas tanks.

LPG ISO CONTAINER TANK

LPG ISO CONTAINER TANK

TECHNICIAL SPECIFICATIONS

- Tank Volume: 20' or 40'
- Tank Class: Class 2 (Gas)
- Products to be Stored: UN 1965 - Hydrocarbon gas mixtures
  UN 1978 - Propane
  UN 1011 - Butane
  UN 1075 - Petroleum gases, Liquefied
- Operating Temperature: - 30 'C to +70 'C
- Design standard: EN 12493, ADR-RID, ASME, AD 2000 Merkblatter, PD 5500, CODAP 2000 or other standards

GENERAL FEATURES

- The tank is designed for sea, road or rail transport.
- Since it is in standard container sizes, its transportation is cheap.
- In our tanks, high strength, fine grained, normalized special "P" series pressure vessel steel is used in accordance with EN 10028-3 norm. The mechanical and metallurgical properties of steels are tested and verified.
- An elliptical dishead is used in the tank heads, which has been stress relieved in accordance with the standards.
- Manufacturing and quality processes are carried out by our expert, experienced engineer staff, in accordance with standards and procedures, under the supervision of an independent inspection company.
- Welding is done by certified welders with materials and methods conforming to standards.
- All welded joints are tested and controlled by our certified NDT personnel who are competent and internationally valid.
- After manufacturing, all tanks are subjected to hydrostatic pressure test.
- Tank outer surfaces are sandblasted in SA 2,5 quality before painting.
- The best product is offered to the customer by using corrosion-resistant, long-lasting, high-quality two-component paint products of paint companies that have proven their international quality for painting.

We manufacture ISO tank containers 1CC / 1BB / 1AA designed for the safe transportation of liquefied petroleum gas (LPG) by road, rail, waterway and sea.

Liquefied petroleum gas (LPG) can be safely transported by road, rail, waterway and sea.
We manufacture ISO tank containers 1CC / 1BB / 1AA designed for transportation.

LPG ISO CONTAINER TANK

STANDARD EQUIPMENT

- Safety valve
- Manometer
- Thermometer
- Drain nozzle
- DN 450 manhole
- Fixed level indicator (5%, 85%)
- Rotary level indicator (Rotogauge)
- Ground connection
- Quality and ergonomic valve cabinet made of metal
- Stairs
- LPG logo
- Warning and warning signs on the tank

OPTIONAL EQUIPMENT

- Magnetic level indicator
- Sunshade
- Safety valve collector and maintenance valve
- Overflow valve
- Customer logo
- Fire extinguisher
- Filling and discharging system integrated into the tank
- Counter system integrated into the tank

LPG ISO CONTAINER TANK

LIN/LOX/LAR

LIN/LOX/LAR

TECHNICIAL SPECIFICATIONS

- Tank Volume: from 0.5 m3 to 300 m3
- Design Pressure: 16 bar / 37 bar
- Design Temperature: - 196 °C / +20 °C
- Design standard: EN 13458-2, PED or other standards
- Insulation: Perlite & vacuum

STANDARD EQUIPMENT:

STANDARD EQUIPMENT:

- Fill connection
- Bottom fill valve
- Top fill valve
- Try cock valve
- Top fill isolating valve
- Bottom fill isolating valve
- Pressure building coil
- Economizer isolating valve
- Combined valve (filter, regulator, flow control, check valve)
- Liquid withdrawal valve
- Three way valve
- Inner vessel safety relief valves
- Vapor vent valve
- Thermal relief valve
- Level indicator
- Equalizer valve
- Low pressure shut off valve
- High pressure shut off valve
- Pressure indicator
- Evacuation connection
- Vacuum safety device

OPTIONAL EQUIPMENT

Option-1 Overfill protection

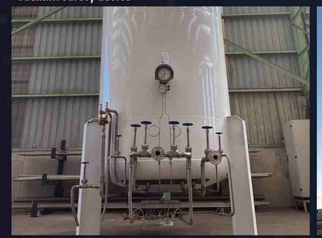
- Thermal relief valve
- Purge valve
- Overfilling protection device

Option-2 Liquid withdrawal line

- Liquid withdrawal valve
- Liquid withdrawal connection

Option-3 Thermosyphon

- Pump feed valve
- Pump return valve



LIN/LOX/LAR TRANSPORT TANKS

LIN/LOX/LAR TRANSPORT TANKS

TECHNICIAL SPECIFICATIONS

- Tank Volume: from 10 m3 to 25 m3
- Design pressure: 3 bar / 16 bar
- Design Temperature: - 196 °C / +20 °C
- Design standard: EN 13530-2, ADR, TPED or other standards • Insulation: Super insulation & vacuum

GENERAL FEATURES

STANDARD EQUIPMENT

- Fill connection
- Bottom fill valve
- Top fill valve
- Bottom fill isolating valve
- Pressure boosting coil
- Try cock valve
- Inner vessel safety relief valves
- Vapor vent valve
- Thermal relief valve
- Level indicator
- Equalizer valve
- Low pressure shut off valve
- High pressure shut off valve
- Pressure indicator
- Evacuation connection
- Evacuation valve
- Vacuum safety device
- Non return valve
- Pressure build-up valve
- Purge valve

OPTIONAL EQUIPMENT:

Option-1
- Gas analysis valve
- Gas analysis connection

Option-2
- Emergency shut off valve
- Thermal relief valve

Option-3
- Liquid analysis valve
- Liquid analysis connection

Option-4
- Flow meter

CO2 STORAGE AND TRANSPORT TANKS

CO2 TRANSPORT TANK

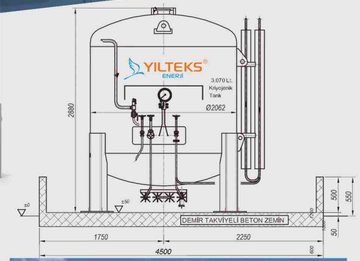
- Tank Volume: from 5 m3 to 300 m3
- Design pressure: 24 bar
- Operating Temperature: - 40 °C / +50 °C
- Design standard: AD2000 , EN13445 / EN 13458,-2 + PED or other standards
- Insulation: Polyurethane Foam insulation & Aluminum Sheath / Perlite & Vacuum

CO2 STORAGE TANK

- Tank Volume: from 5 m3 to 300 m3
- Design pressure: 24 bar
- Operating Temperature: - 40 °C / +50 °C
- Design standard: AD2000 , EN13445 / EN 13458,-2 + PED or ot
dards
- Insulation: Polyurethane Foam insulation & Aluminum sheath
Vacuum

LNG STORAGE TANKS

- Tank Volume: from 3 m3 to 300 m3
- Design Pressure: 5-6 bar
- Design Temperature: - 196 °C / +20 °C
- Design Standard: EN 13458-2, PED or other standards
- Insulation: Perlite & vacuum



STANDARD EQUIPMENT

- Filling connection
- Bottom filling valve
- Top filling valve
- Shut-off valve
- Top filling shut-off valve
- Underfill shut-off valve
- Pressure booster wrap
- Recovery circuit shut-off valve
- Recovery circuit manual valve
- Combined valve
- Liquid discharge valve
- diverter valve
- Inner tank safety valves
- Steam release valve
- Heat release valve
- Level indicator
- Balancing valve
- Low pressure shut-off valve
- High pressure shut-off valve
- Pressure indicator
- Drain connection
- Vacuum safety device

OPTIONAL EQUIPMENT

Option-1 (Steam balancing line)
- Steam balancing connection
- Steam balancing valve

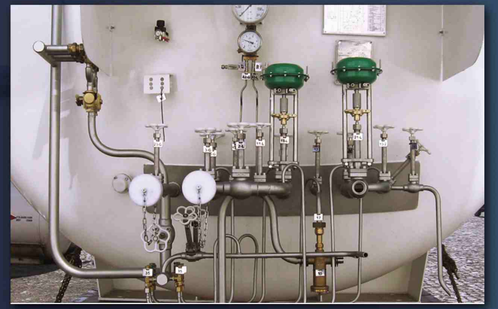
Option-2 (Emergency stop system)
- Emergency stop valve
- Heat release valve

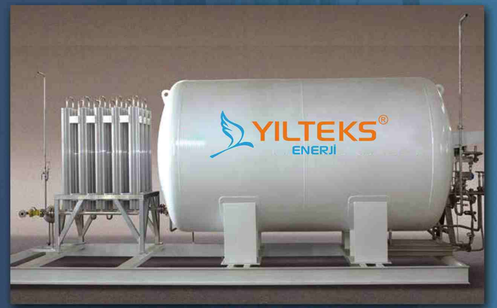
Option-3 (Purger line)
purger

Option-4 (Emergency stop system)
- Emergency stop valve
- Heat release valve

Option-5 (PBC shut-off valve)
- Liquid inlet valve for PBC
- Heat release valve

Option-6 (PBC outlet valve)
- Liquid outlet valve for PBC





AMMONIA TRANSPORT TANKS

• Tank Volume: from 38 m³ to 61 m³
• Products to be Carried: Ammonia
• Operating Temperature: - 50 °C to +65 °C
• Design standard: ADR, EN 12493, EN 12252, TPED, AD2000 Merkblatter, ASME or CODAP

GENERAL FEATURES

• The most durable and lightest tank - chassis combination is created by designing the tank with a cylindrical cross section.
• Our designs include qualified braking and roll stability performance tests.
• In our tanks, high strength, fine grained, normalized special "P" series pressure vessel steel is used in accordance with EN 10028-3 norm. The mechanical and metallurgical properties of steels are tested and verified.
• An elliptical dishead is used in the tank heads, which has been stress relieved in accordance with the standards.
• Manufacturing and quality processes are carried out by our expert, experienced engineer staff, in accordance with standards and procedures, under the supervision of an independent inspection company. • Welding is done by certified welders with materials and methods conforming to standards.

• All welded joints are tested and controlled by our certified NDT personnel who are competent and internationally valid.
• The inside of the tank is equipped with bolt-connected breakwaters and ring in accordance with the standards.
• After manufacturing, all tanks are subjected to hydrostatic pressure test. After this test, the connections of the tank accessories are tested with air against leakages.

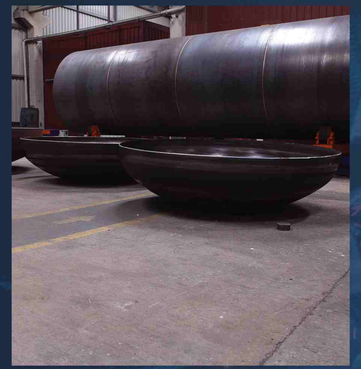
STANDARD EQUIPMENT

• Safety valves
• Manometer
• Thermometer
• Drain nozzle
• DN 450 manhole
• Fixed level indicator (2%, 85%)
• Rotary level indicator (Rotogauge)
• hydraulically actuated internal valves
• Type-approved detachable 2" king-pin conforming to 94/20/EC directive
• Park feet
• 24 V, 7 pin ex-proof electrical system
• Steel rim
• Drum brake
• Rear bumper
• Wheel chocks and holders (2 pcs.)
• Plastic tool cabinet
• Plastic water tank
• Fire extinguisher tube transport cabinet
• Mechanical spare wheel carrier
• Reflector and side guards
• Warning and warning signs on the tank
• Ammonia logo
• Filling and discharging connections
• Liquid transfer hose carriers (2 sets on the sides)
• Ground rod
• Quality and ergonomic valve cabinet made of metal

OPTIONAL EQUIPMENT

• Magnetic level indicator
• Pneumatically driven internal valves
• Sunshade
• Tipping nozzles
• Type-approved detachable 3.5" king-pin conforming to 94/20/EC directive
• Aluminum rim
• Disc brake
• Chrome water tank
• Fire extinguisher tubes
• Safety system that prevents vehicle movement during operation (anti-to-away system)
• Stainless valve cabinet
• Lighting fixture inside the valve cabinet
• Customer logo
• Remote emergency stop
• Grounding reel
•Spare tyre



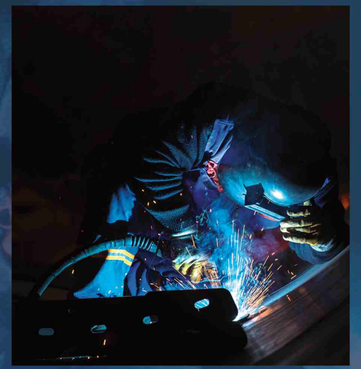









YILTEKS







YILTEKS BOMBE
YILTEKS
GROUP