



 YILTEKS<sup>®</sup>  
GROUP





#### ■ YILTEKS COMPANY UNION

Yilteks group of companies is located in Gaziantep Nizip and is a giant enterprise operating in many areas. Our Company Yilteks Otomotiv has been established in 2006, has expanded its field of activity by stepping into the energy market with pressure vessels under the name of Yilteks brand. Yilteks Company represents Turkey in outer market in many fields such as energy sector, construction sector, automotive sector, and logistic sector.

Yilteks company union with over 150 workers has been developing and contributing to Turkey since 2006.

Yilteks Group of Companies continues to export most of its activities in export area and exports to more than 40 countries and contributes to the economy of the country

Yilteks company union, leading Yilteks Energy in Middle East market, has become one of the most reliable representatives of Turkey in these countries.





## MAIN PRODUCT GROUPS

- LPG TRANSPORTATION TANKS
- LPG STORAGE TANKS
- LPG AUTOGAS TANKS
- LPG SKID TANKS
- LPG ISO TANK CONTAINER
- LPG TURN-KEY PROJECTS
- PRESSURE AIR TANKS
- NH<sub>3</sub> (AMMONIA) TRANSPORTATION TANKS
- NH<sub>3</sub> (AMMONIA) STORAGE TANKS
- FUEL- OIL TRANSPORTATION TANKS
- FUEL- OIL STORAGE TANKS
- CRYOGENIC TANKS
  - A. LNG TRANSPORTATION TANKS
  - B. LNG STORAGE TANKS
  - C. LIN/LOX/LAR TRANSPORTATION TANKS
  - D. LIN/LOX/LAR STORAGE TANKS
  - E. OPEN- AIR VAPORIZERS
- CO<sub>2</sub> TANKS





## YILTEKS ENERGY

Yilteks Energy established in Gaziantep, one of the leading industrial cities in Turkey, has been carrying on business in pressure vessels sector.

Yilteks Energy with its professional engineers is one of the six companies of Yilteks company union which went into action in 2006.

Our company, which has standard and optional design-production capability according to the customer's demands, is a self-referring brand in the sector with quality system solutions.

YILTEKS ENERGY, which has been exporting its products to more than 40 countries in a short time, has been become recognized and preferred company in the world.

We continue to produce world-class, quality and safe products by using the latest technological equipments in 25.000 m2 closed area, total area of 70.000 m2 in our factory in Nizip district of Gaziantep.

Manufacturing and quality processes are realized and recorded in accordance with standards and procedures with expert and experienced engineer cadres

Yilteks continues to invest in Research and Development to increase the energy product spectrum and is proceeding with certain steps towards becoming one of the leading companies in the sector.

YILTEKS, with its experienced staff, entrepreneur, innovative and superior management approach that uses the institutionalized structure, technology in the manufacturing processes, is making sure steps towards becoming the leader in the sector.





## QUALITY AND CONTROLS

- YILTEKS is an organization that applies total quality management effectively and continuously improves its product range with its dynamic structure and advances with sure steps in the sector.
- YILTEKS moves with the aim and understanding of producing the best quality in all processes.
- Our products are manufactured with expert team and latest technological equipments
- Manufacturing and quality processes are carried out under the supervision of third party supervisors in accordance with standards and procedures with expert, experienced engineer cadres.
- All raw materials and consumables are used in accordance with TSE, European and ASME standards.
- The chemical and mechanical values of steel material are tested and recorded.
- Welding is done by certified welders in accordance with standards and materials.
- Our certified NDT personnel with competence and internationality are responsible for testing and controlling all welded joints.
- Destructive and non-destructive test results are recorded and archived according to the requirements of the standards.

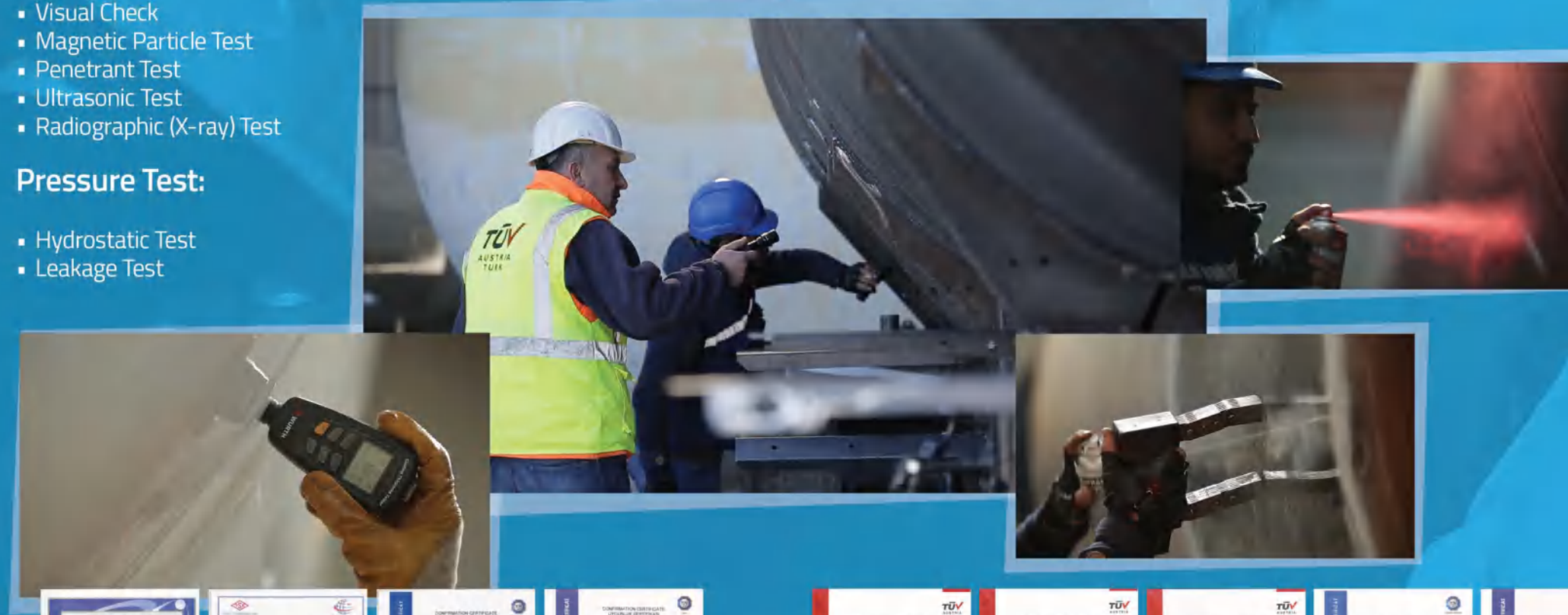


## Non-Destructive test ("Non-Destructive test" NDT):

- Visual Check
- Magnetic Particle Test
- Penetrant Test
- Ultrasonic Test
- Radiographic (X-ray) Test

## Pressure Test:

- Hydrostatic Test
- Leakage Test



## Our Internationally 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 2007/46/EC "Type approval of motor vehicles and trailers"
- Directive 2010/35/EU (TPED)
- Direktive2014/68/EU (PED)
- ASME Stamp (U, U2, S)

YILTEKS offers certified products for pressure vessels by designing and manufacturing according to design codes and standards as follow:

- TSE standards
- EN standards
- ASME Div.1 – Div.2
- AD 2000
- BS 5500
- CODAP
- ADR Part.9





## LPG SEMI TRAILER

### TECHNICAL FEATURES

- Tank Capacity: between 30m<sup>3</sup> and 65 m<sup>3</sup>
- Tank Class: Class 2 (Gasses)
- Transported Products: UN 1965 – Hydrocarbon Gas Mixture  
UN 1978 – Propane  
UN 1011 – Butane  
UN 1075 – Fuel- oil gas, Liquefied
- Operating Temperature: between -50°C and +65 °C
- Design Standard: ADR, EN 12493, EN 12252, TPED, AD2000Merkblätter, ASME or CODAP

### GENERAL FEATURES

- The tank is designed with a cylindrical section to create the most durable and lightest tank-chassis combination.
- Our designs have all qualified brake and rollover stability performance tests.
- Our tanks use special high strength, fine grained, normalized "P" series pressure vessel steel in accordance with EN 10028-3 standard. The mechanical and metallurgical properties of the steel are tested and verified.
- Elliptical dished head ends are used in the tank headers with stress relieving according to the standards.
- Manufacturing and quality processes are carried out under the supervision of an independent inspection body in accordance with standards and procedures with expert, experienced engineer cadres.
- Welding is done by certified welders in accordance with standards and materials.
- Tested and controlled by all our welded joints are made by our certified NDT personnel with competent and international validity.
- The inside of the tank is equipped with purge and ring with bolt connection according to the standards.
- Once manufactured, all tanks are subjected to a 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 directive 2007/46 / EC and a certificate of conformity is issued.
- Chassis will be delivered with cold mark and identification plate approved.
- Chassis Made of high strength steel to withstand all kinds of road and load conditions.
- Parking Legs are offered with dual-speed trailer type models each with 25 tons dynamic and 50 tons static load capacity and different brand options.
- Axles with different axle and suspension options;
  - From one to four axles
  - Single or double tires
  - Mechanical or air suspension options available.
- Brake system with EBS, ABS or RSP system are Systematically presented.
- Warning, caution, suspension, brake, etc. Systems consist of approved materials in accordance with ADR.
- Tank exterior surfaces sandblasted to SA quality before painting.
- By using the latest technology "Oven Paint" method, the best product is offered by using the corrosion resistant, long lasting, high quality and two component paint products of paint companies which have proved for international quality for painting.





## LPG SEMI TRAILER

### STANDARD EQUIPMENT:

- Safety Valves
- Manometer
- Thermometer
- Drainage Nozzle
- DN 450 Manhole
- Fixed Level Indicator ( %2, %85 )
- Rotogauge Indicator
- Hydraulic- driven interval valves
- Type-approved dismountable 2 "king-pin according to Directive 94/20 / EC
- Parking Legs
- 24 V, 7 pinliexproof electrical system
- Steel rim
- Drum brake
- Rear bumper
- Wheel chock and holders (2 units)
- Plastic tool cabinet
- Plastic water supply tank
- Fire extinguisher cylinder carrying cabin
- Mechanic spare wheel carrier
- Reflector and side protector
- Warning and notice signs on the tank
- LPG logo
- Filling and discharging connections
- Line safety valves
- Line pressure indicator
- Liquid transfer pipe holders (2 units in both sides)
- Grounding rod
- Qualified and ergonomic valve cabinet made of metal





## LPG SEMI TRAILER

### OPTIONAL EQUIPMENT:

- Magnetic level indicator
  - Pneumatically powered interval valves
  - Sun shade
  - Vent hole
  - Rollover nozzles
  - Type-approved dismountable 3,5 "king-pin according to Directive 94/20 / EC
  - Aluminum rim
  - Disc brake
  - Chrome water supply tank
  - Emergency stop button
  - Fire extinguisher cylinders
  - Safety system that prevents vehicle movement during operation (Anti-to-away system)
  - Stainless valve cabinet
  - Inner valve cabinet light fixture
  - Remote emergency stop
  - Grounding reel
  - Spare tire
- 
- LPG Transfer Pump
  - Hydraulic Pump
  - Electrical Pump
  - LPG meter and ticket printer
- 
- LPG Hose Reel ; Liquid phase, Steam phase or only with LPG Pump
  - Electric automatic winding
  - Hydraulic automatic winding
  - Pneumatic automatic winding
  - Selector (used only with LPG Pump)









## LPG ABOVE TRUCK TRANSPORT (BOBTAIL)

### TECHNICAL FEATURES

- Tank Capacity: From 2 m<sup>3</sup> up to 35 m<sup>3</sup>
- Tank Class: Class 2 (Gasses)
- Transported Products: UN 1965 – Hydrocarbon gas mixture  
UN 1978 – Propane  
UN 1011 – Butane  
UN 1075 – Fuel-oil gas, liquefied
- Operating Temperature: between - 50 'C and +65 'C
- Design Standard: ADR, EN 12493, EN 12252, TPED, AD2000 Merkblätter, ASME or CODAP

### GENERAL FEATURES

- The tank is designed with cylindrical section and is designed with the most durable and lightest combination.
- The tank is designed with a cylindrical section to create the most durable and lightest tank-chassis combination.
- Our tanks use special high strength, fine grained, normalized "P" series pressure vessel steel in accordance with EN 10028-3 standard. The mechanical and metallurgical properties of the steel are tested and verified.
- Elliptical dished head ends are used in the tank headers with stress relieving according to the standards.
- Manufacturing and quality processes are carried out under the supervision of an independent inspection body in accordance with standards and procedures with expert, experienced engineer cadres.
- Welding is done by certified welders in accordance with standards and materials.
- Tested and controlled by all our welded joints are made by our certified NDT personnel with competent and international validity.
- The inside of the tank is equipped with purge and ring with bolt connection according to the standards.
- Once manufactured, all tanks are subjected to a hydrostatic pressure test. After this test, the connections of the tank accessories are tested with air against leaks.
- Tank exterior surfaces sandblasted to SA quality before painting.
- By using the latest technology "Oven Paint" method, the best product is offered by using the corrosion resistant, long lasting, high quality and two component paint products of paint companies which have proved for international quality for painting.



2 AXLE TRUCKS  
4X2 OR 4X4

6 m<sup>3</sup> - 7 m<sup>3</sup>  
8 m<sup>3</sup> - 10 m<sup>3</sup>  
13 m<sup>3</sup> - 14 m<sup>3</sup>  
15 m<sup>3</sup> - 17 m<sup>3</sup>



4 AXLE TRUCKS  
6X2 OR 6X4

23 m<sup>3</sup> - 25 m<sup>3</sup>  
27 m<sup>3</sup> - 30 m<sup>3</sup>  
31 m<sup>3</sup> - 32 m<sup>3</sup>  
33 m<sup>3</sup> - 34 m<sup>3</sup>



3 AXLE TRUCKS  
6X2 OR 6X4

17 m<sup>3</sup> - 18 m<sup>3</sup>  
19 m<sup>3</sup> - 20 m<sup>3</sup>  
21 m<sup>3</sup> - 22 m<sup>3</sup>  
23 m<sup>3</sup>





## LPG ABOVE TRUCK TRANSPORT (BOBTAIL)

### STANDARD EQUIPMENT:

- Safety Valves
- Manometer
- Thermometer
- Drainage Nozzle
- DN 450 Manhole
- Fixed Level Indicator ( %2, %85 )
- Rotogauge Indicator
- Hydraulic- driven interval valves
- Rear bumper
- Plastic tool cabinet
- Plastic water supply tank
- Fire extinguisher cylinder carrying cabin
- Mechanic spare wheel carrier
- Warning and caution signs on the tank
- LPG logo
- Filling and discharging connections
- Line safety valves
- Line pressure indicator
- Liquid transfer pipe holders (2 units in both sides)
- Grounding rod
- Qualified and ergonomic valve cabinet made of metal





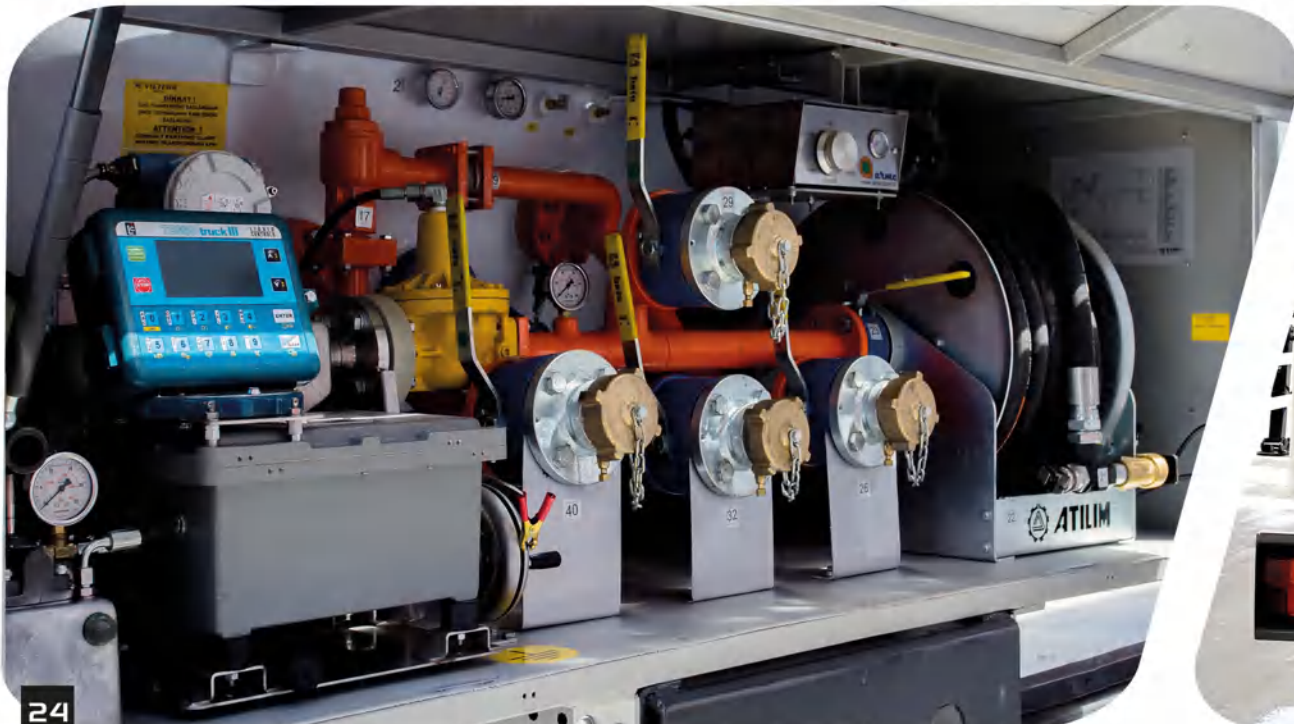
## LPG ABOVE TRUCK TRANSPORT (BOBTAIL)

### OPTIONAL EQUIPMENT

- Magnetic level indicator
- Pneumatically powered interval valves
- Sun shade
- Vent Hole
- Rollover nozzles
- Chrome water supply tank
- Fire extinguisher cylinders
- Safety system that prevents vehicle movement during operation (Anti-to-away system)
- Stainless valve cabinet
- Inner valve cabinet light fixture
- Remote emergency stop
- Grounding reel
- Spare tire
- LPG Transfer Pump
  - Hydraulic Pump
  - Electrical Pump
- LPG meter and ticket printer
- LPG Hose Reel; Liquid phase, Steam phase or only LPG
  - Electrical Automatic winding
  - Hydraulic Automatic winding
  - Pneumatic Automatic winding
- Selectors (used only with LPG Pump)









## 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 bomb 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.
- Outer surfaces of tank are sandblasted with SA quality 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.







#### TECHNICAL FEATURES

- Tank Capacity: between 0,5 m<sup>3</sup> and 500 m<sup>3</sup>  
(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 mixture  
UN 1978 – Propane  
UN 1011 – Butane  
UN 1075 – Fuel-oil gas, Liquefied
- Operating Temperature: between - 30 'C and +70 'C
- Design Standard: EN 13445/ PED, CE BRAND, AD2000 Merkblatter, ASME U or U2 labeled, CODAP or BS5500.



-40°

+70°

 **YILTEKS®**  
ENERJİ









# LPG AUTOGAS TANKS

## 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 bomb 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.

## TECHNICAL FEATURES

- Tank Capacity: between 7 m<sup>3</sup> and 50 m<sup>3</sup>
- Tank Class: Class 2 (Gas)
- 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 labeled , CODAP or BS 5500.





# LPG SKID TANKS

## TECHNICAL FEATURES

- Tank Capacity: between 1 m<sup>3</sup> and 100 m<sup>3</sup>
- Tank Class: Class 2 (Gas)
- 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 orU2 labeled, CODAP or BS 5500.

## GENERAL FEATURES

- Ready to use. Just connect the power line and turn on the switch.
- It is very easy to use.
- Includes all necessary equipment, items and connections.
- Can be moved everywhere.
- All electrical accessories are ex-proof.
- The equipment and machines conform to EU standards and are CE certified.
- 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 bomb 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.





# LPG ISO TANK CONTAINER

## GENERAL FEATURES

- The tank is designed for sea, road or rail transport.
- Transport is cheap because it is in standard container size.
- 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 bomb 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.
- Outer surfaces of tank are sandblasted with SA quality 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.

## TECHNICAL FEATURES

- Tank Capacity: 2 m<sup>3</sup> or 40m<sup>3</sup>
- Tank Class: Class 2 (Gas)
- 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 Standards: EN 12493, ADR-RID, ASME, AD 2000 Merkblatter, PD 5500, CODAP 2000 or other standards.





# LPG TURNKEY PROJECTS

## GENERAL FEATURES

We are able to realize the turnkey construction of LPG plants together with filling, discharging, pumping, meter and control systems and tank filling stations.

## LPG CYLINDER FILLING FACILITY

When the carousel filling system is supported by the automatic input and output mechanisms, it is possible to make a safe and fast filling with a single personnel. Our carousel ergonomics are manufactured in accordance with occupational health and safety requirements. Depending on the requirements of the filling area, the gas accumulation that can occur in the environment with the electromagnetic ventilation system is safely evacuated from the environment. Cylinder main and auxiliary equipments used in LPG full filling are selected from LPG materials and accordance to NFPA rules.





# PRESSURE AIR TANK

## GENERAL FEATURES

- It is manufactured vertically or horizontally according to model.
- 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 bomb 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.
- Outer surfaces of tank are sandblasted with SA quality 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.

## TECHNICAL FEATURES

- Tank Capacity: between 0,5 m<sup>3</sup> and 40 m<sup>3</sup>
- Operating Temperature: between - 20 'C and +50 'C
- Operation Pressure: between 8 bar and 40 bar
- Design Standard: EN 13445/ PED, CE BRAND, AD2000 Merkblatter, ASME U labeled, EN 286-1, 87/404/EEC standard and other standards.





# AMMONIA TRANSPORT TANKS

## SEMI TRAILER OR OVER TRUCK

### GENERAL FEATURES

- The tank is designed with a cylindrical section to form the most durable and lightest tank - chassis combination.
- Our designs include qualified braking and overturning stability performance tests.
- 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 bomb 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.
- The inside of the tank is equipped with breakwater and ring with bolt connection according to the standards.
- 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.
- The chassis is manufactured in accordance with the 2007/46 / EC directive and a certificate of conformity is issued.
- The chassis is delivered with the cold mark and identification plate approved.
- Chassis Made of high-strength steel to withstand all kinds of road and load conditions.
- Park stands are offered with dual-speed trailer type models each with 25 tons dynamic and 50 tons static load capacity and different brand options.
- Axles With different axle and suspension options;
  - From one to four axles
  - Single or double tires
  - Mechanical or air suspension options available.
- The brake system is provided with EBS, ABS or RSP system.
- Warning, warning, suspension, brake, etc. Systems consist of approved materials in accordance with ADR.
- Outer surfaces of the tank are sandblasted at SA quality 2.5 before painting.
- The best product is offered to the customers by using the latest technology " OVEN PAINT " method by using dyeing products which have proven international quality for dyeing, corrosion resistant, long lasting, high quality two component paint products.

### TECHNICAL FEATURES

- Tank Capacity: between 38 m<sup>3</sup> and 61 m<sup>3</sup>
- Transported Product: Ammonia
- Operating Temperature: between - 50 'C and +65 'C
- Design Standard: ADR, EN 12493, EN 12252, TPED, AD2000 Merkblatter, ASME or CODAP





# AMMONIA STORAGE TANKS

## GENERAL FEATURES

- It is manufactured as overground or underground storage tanks according to the model.
- 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 bomb 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.
- Outer surfaces of tank are sandblasted with SA quality 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.

## TECHNICAL FEATURES

- Tank Capacity: between 0,5 m<sup>3</sup> and 500 m<sup>3</sup>  
(For domestic tanks 500 lt, 1750 lt, 3000 lt, 5000 lt, 7000 lt and 10.000 lt )
- Stored Products: Ammonia
- Operating Temperature: between - 30 'C and +70 'C
- Design Standard: EN 13445/ PED, CE BRAND, AD2000 Merkblatter, ASME U or U2 labeled, CODAP or BS 5500.





# FUEL-OIL TRANSPORT TANKS

## SEMI TRAILER OR OVER TRUCK

### GENERAL FEATURES

- The tank is designed with a cylindrical section to form the most durable and lightest tank - chassis combination.
- Our designs include qualified braking and overturning stability performance tests.
- In our tanks, carbon steel conforming to EN 10025 norms is used.
- 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.
- The inside of the tank is equipped with breakwater and ring with bolt connection according to the standards.
- 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.
- The chassis is manufactured in accordance with the 2007/46 / EC directive and a certificate of conformity is issued.
- The chassis is delivered with the cold mark and identification plate approved.
- Chassis Made of high-strength steel to withstand all kinds of road and load conditions.
- Park stands are offered with dual-speed trailer type models each with 25 tons dynamic and 50 tons static load capacity and different brand options.
- Axles With different axle and suspension options;
  - From one to four axles
  - Single or double tires
  - Mechanical or air suspension options available.
- The brake system is provided with EBS, ABS or RSP system.
- Warning, warning, suspension, brake, etc. Systems consist of approved materials in accordance with ADR.
- Outer surfaces of the tank are sandblasted at SA quality 2.5 before painting.
- The best product is offered to the customers by using the latest technology " OVEN PAINT " method by using dyeing products which have proven international quality for dyeing, corrosion resistant, long lasting, high quality two component paint products.

### TECHNICAL FEATURES

- Tank Capacity:
  - Truck-mounted applications: Net volumes ranging from 5,000 liters to 30,000 liters, and number of compartments that can range from 1 to 6 compartments
  - Semi-Trailer applications: net volumes ranging from 25,000 liters to 38,000 liters, and the number of compartments that can range from 1 piece to 9 pieces
- Tank Code: LGBF
- Design Standard: ADR, EN 13094 and other standards.





# FUEL-OIL STORAGE TANKS

## GENERAL FEATURES

- It is manufactured as overground or underground storage tanks according to the model.
- Tank is designed with cylindrical section and designed with the most durable and safest combination.
- In our tanks, carbon steel conforming to EN 10025 norms is used.
- 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.
- Outer surfaces of tank are sandblasted with SA quality 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.

## TECHNICAL FEATURES

- Tank Capacity: between 0,5 m<sup>3</sup> and 1000 m<sup>3</sup>
- Tank Code: LGBF
- Operating Temperature: between - 20 'C and +50 'C
- Design Standards: TS EN 12285-1, TS EN 12285-2 and other standards





# CREYOGENIC TANKS

## GENERAL FEATURES

- Tanks are designed and manufactured to meet all the requirements for safe, easy to use and economical operation for all types and applications.
- Tanks can be designed at standard working pressures and at different working pressures according to customer request.
- Transport tanks are manufactured in accordance with EC directive, EN standards and ADR. All models are presented as  $\pi$  branded customers. It is also designed according to other national standard and customer requirements.
- Storage Tanks The EC directive is manufactured according to EN standards. It is designed according to other national standards or customer requirements.
- Transport tanks include qualified braking and tipping stability performance tests.
- The center of gravity of the transport tanks is reduced to ensure excellent stability and strengthened grip.
- Storage tanks support feet are calculated according to Eurocode standards for high wind and earthquake loads.
- Installation costs are minimized by properly designed and placed lifting gates in storage tanks.
- Stainless steel in EN 10028-7 standard and carbon steel in EN 10025 standard are used in the inner tank.
- Tanks are equipped with sturdy internal supports against tensions and loads during transport.
- Steel pipes, stainless steel pipes, valves and equipments, which are provided by companies with world leaders in their fields, constitute safe and durable products.
- Potential leakage risk is reduced to the minimum with the most suitable bends in stainless steel pipe work, ensuring that the system delivers high performance throughout the run time.
- Valve outlets, lifting posts, other accessories on the tank are ergonomically designed with safety, ease of use, maintenance and ease of operation in mind.
- Storage tanks are equipped with a recovery cycle, so that the boiled gas is directed to the main system to prevent waste of gas.
- Pressure adjustments in storage tanks are very easy with the mono-block pressure economizer-regulator and the system is extremely safe.
- Tanks and equipment are cleaned with oxygen.





# LNG TRANSPORT TANKS

## GENERAL FEATURES

- Tank Capacity:
  - Over- Truck Implementations: between 25 m<sup>3</sup> and 30 m<sup>3</sup>
  - Semi-Trailer Implementations: between 45 m<sup>3</sup> and 52 m<sup>3</sup>
- Tank code: LNT
- Operating Pressure: 6 bar
- Operating Temperature: - 196 °C
- Design Standard: EN 13530-2, ADR, TPED or other standards
- Isolation: Super Isolation & vacuum





# LNG STORAGE TANKS

## GENERAL FEATURES

- Tank Capacity: between 0,5 m3 and 300 m3
- Tank Code: CrV
- Operating Pressure: 5 bar
- Operating Temperature: - 196 'C
- Design Standard: EN 13458, PED or other standards
- Isolation: Pearlite & vacuum



## LIN/LOX/LAR AIR GAS TRANSPORT TANK

### GENERAL FEATURES

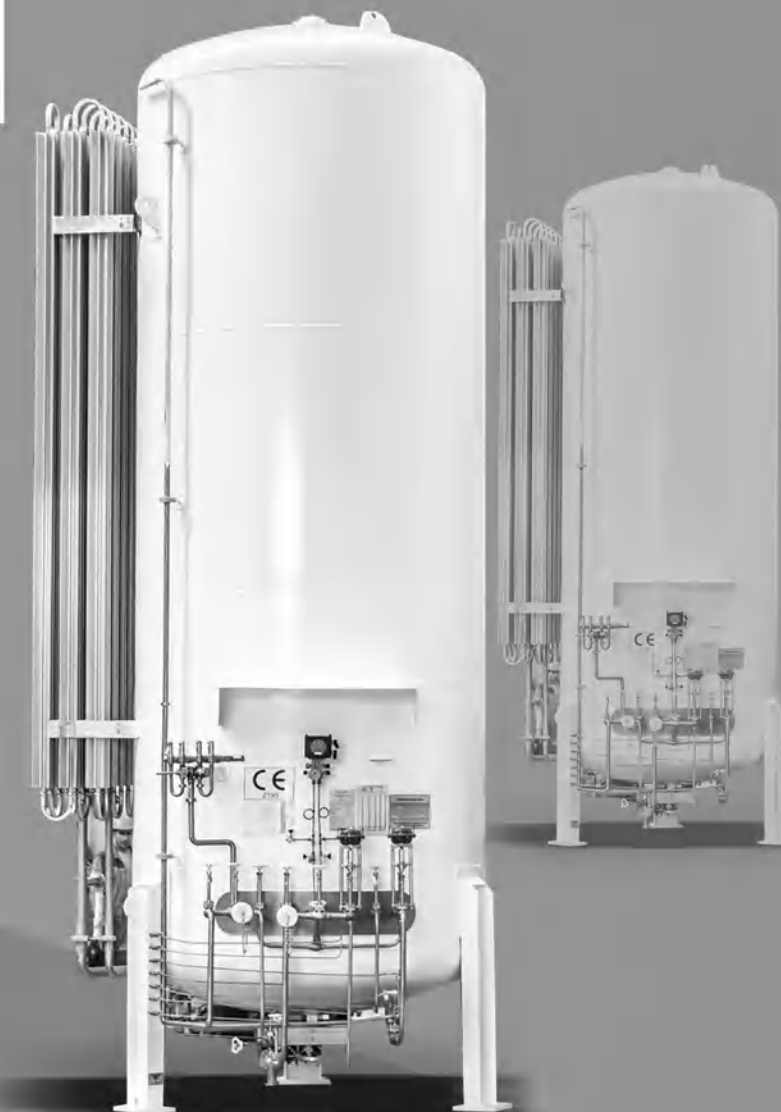
- Tank Capacity: between 6,5 m<sup>3</sup> and 33,5 m<sup>3</sup>
- Tank Code: CrT
- Operating Pressure: 3 bar / 16 bar
- Operating Temperature: - 196 'C
- Design Standard: EN 13530, ADR, TPED or other standards
- Isolation: Super isolation & vacuum



## LIN/LOX/LAR AIR GAS STORAGE TANK

### GENERAL FEATURES

- Tank Capacity: between 2 m<sup>3</sup> and 32 m<sup>3</sup>
- Tank Code: CrV
- Operating Pressure: 19 bar / 37 bar
- Operating Temperature: - 196 'C
- Design Standard: EN 13458, PED or other standards
- Isolation: Pearlite & vacuum

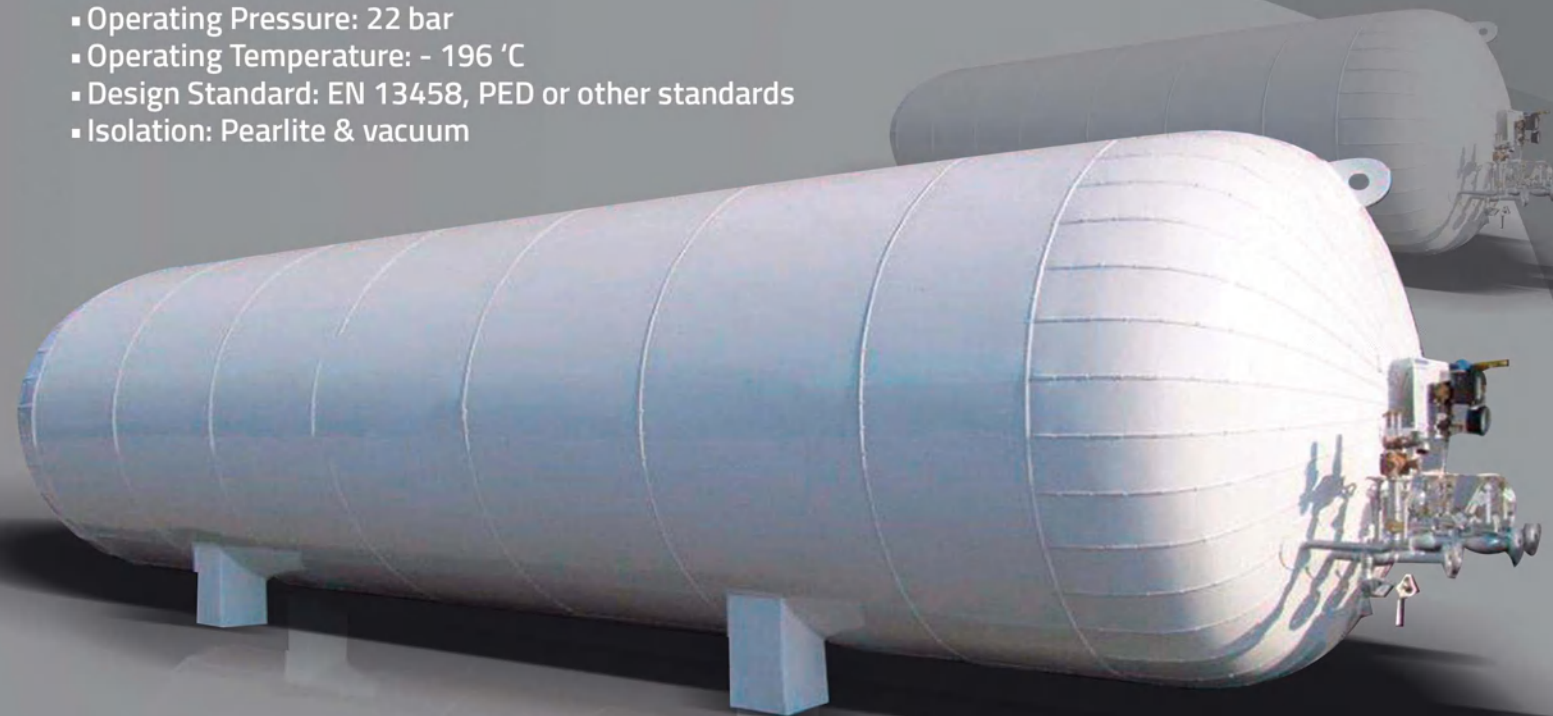




## CO2 TANKS STORAGE TANKS

### GENERAL FEATURES

- Tank Capacity: between 25 m3 and 50 m3
- Tank Code: CoVSP
- Operating Pressure: 22 bar
- Operating Temperature: - 196 °C
- Design Standard: EN 13458, PED or other standards
- Isolation: Pearlite & vacuum



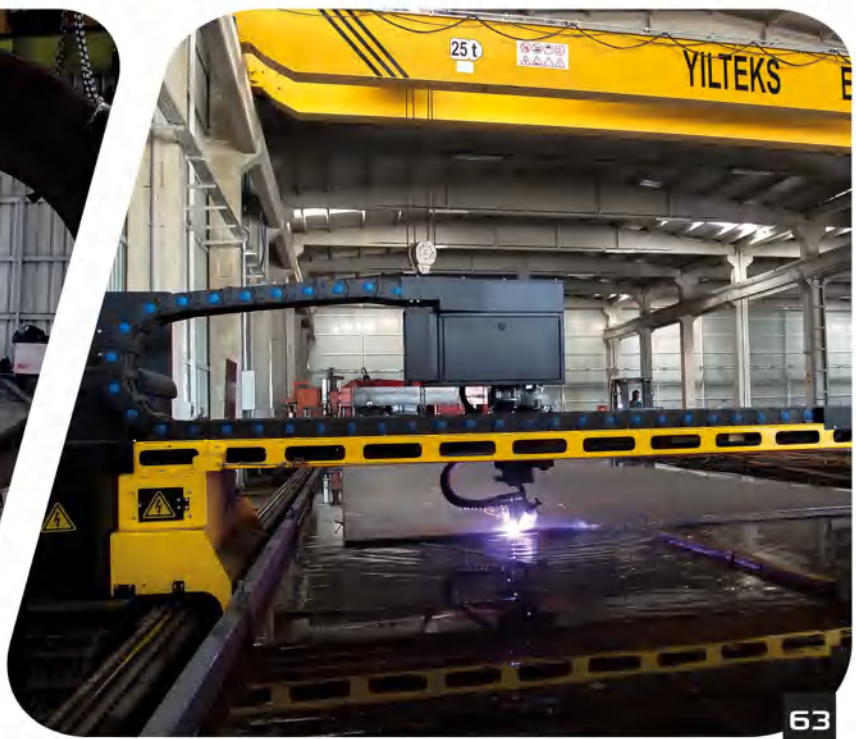
## CO2 TANKS TRANSPORT TANKS

### GENERAL FEATURES

- Tank Capacity: between 20 m3 and 25 m3
- Tank Code: CoT
- Operating Pressure: 23 bar for duplex model / 24 bar for carbon steel model
- Operating Temperature: - 40 °C / +50°C
- Design Standards: EN 14398, EN 14025 + ADR
- Isolation: Foam Isolation & Aluminium Covered









## SUPPLIERS



## REFERENCES



WE ARE ALL AROUND THE WORLD





### YILTEKS DISHED HEAD ENDS

Yilteks dishend head ends: To meet the needs of Yilteks Energy's dishend head ends and to provide the best service to customer expectations in the field of dishend head ends production, it was established to respond to the needs of the developing pressure vessel sector. Yilteks dishend head ends's product range includes various products, especially dishend head ends and pressure vessels. The company also offers services such as heat treatment, laser cutting and plasma welding.

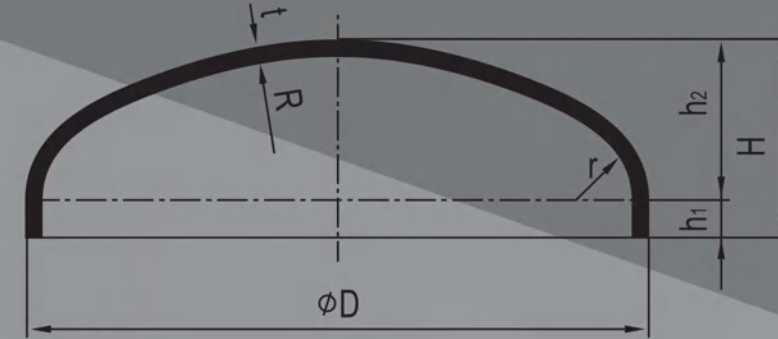
In our new factory, we are continuing to manufacture with our renovated machinery park, well trained and highly experienced employees in metal forming and pressure vessels. Our optimized production line and welding equipments ensures our talented personnel to keep production quality at the highest level.

The technical infrastructure is getting stronger every day and its activity continues in Gaziantep, which has a total area of 30.000 m<sup>2</sup> including 15.000 m<sup>2</sup> closed area. Depending on the depth and shape of the dishend head ends, they can be classified as elliptical, torispherical, less deep, flat bombs.



## ELIPSODIAL ASME 2:1 ELİPTİK BOMBE

$R \text{ (mm)} = 0,9D$   
 $r \text{ (mm)} = 0,17D$   
 $h_1 \text{ (mm)} \geq 3,5 t$   
 $h_2 \text{ (mm)} \approx 0,26D$   
 $H \text{ (mm)} = h_1 + h_2$   
 $Dp \text{ (mm)} \approx 1,18D + 1,7 h_1$   
 (Pul Çapı / Disk Diameter)  
 $V \text{ (mm}^3\text{)} \approx 0,132 D^3 \text{ (} h_1 = 0 \text{)}$   
 $m \text{ (kg)} = 2\pi Dp^2 t$   
 (Dp birimi (m) / t birimi (mm))

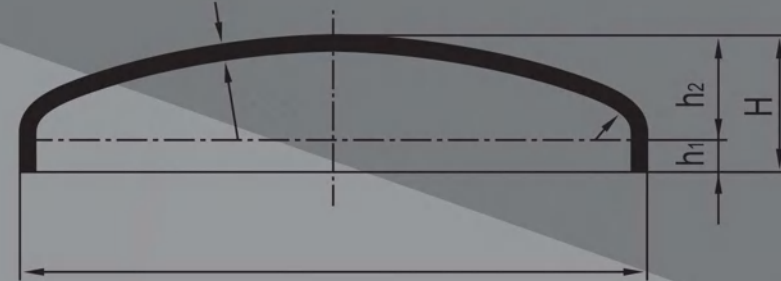


| D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) | D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) |
|-----------|-----------|------------|------------------------|-------------------------|--------------|-----------|-----------|------------|------------------------|-------------------------|--------------|
| 300       | 3 - 12    | 410        | 78                     | 3,6                     | 1,1          | 2800      | 6 - 40    | 3360       | 728                    | 2898                    | 71           |
| 350       | 3 - 12    | 470        | 91                     | 5,7                     | 1,4          | 2900      | 6 - 40    | 3480       | 754                    | 3219                    | 76           |
| 400       | 3 - 14    | 530        | 104                    | 8,4                     | 1,8          | 3000      | 8 - 40    | 3600       | 780                    | 3564                    | 81           |
| 450       | 3 - 14    | 590        | 117                    | 12                      | 2,2          | 3100      | 8 - 40    | 3720       | 806                    | 3932                    | 87           |
| 500       | 3 - 16    | 650        | 130                    | 17                      | 2,7          | 3200      | 8 - 40    | 3840       | 832                    | 4325                    | 93           |
| 550       | 3 - 16    | 710        | 143                    | 22                      | 3,2          | 3300      | 8 - 40    | 3950       | 858                    | 4744                    | 98           |
| 600       | 3 - 20    | 770        | 156                    | 29                      | 3,7          | 3400      | 8 - 40    | 4070       | 884                    | 5188                    | 104          |
| 650       | 3 - 20    | 830        | 169                    | 36                      | 4,3          | 3500      | 8 - 40    | 4190       | 910                    | 5660                    | 110          |
| 700       | 3 - 20    | 890        | 182                    | 45                      | 5,0          | 3600      | 10 - 40   | 4310       | 936                    | 6159                    | 117          |
| 750       | 3 - 20    | 950        | 195                    | 56                      | 5,7          | 3700      | 10 - 40   | 4430       | 962                    | 6686                    | 123          |
| 800       | 3 - 20    | 1000       | 208                    | 68                      | 6,3          | 3800      | 10 - 40   | 4540       | 988                    | 7243                    | 130          |
| 850       | 3 - 25    | 1060       | 221                    | 81                      | 7,1          | 3900      | 10 - 40   | 4660       | 1014                   | 7830                    | 136          |
| 900       | 3 - 25    | 1120       | 234                    | 96                      | 7,9          | 4000      | 10 - 40   | 4780       | 1040                   | 8448                    | 144          |
| 950       | 3 - 25    | 1180       | 247                    | 113                     | 8,7          | 4100      | 10 - 40   | 4900       | 1066                   | 9098                    | 151          |
| 1000      | 3 - 32    | 1240       | 260                    | 132                     | 10           | 4200      | 10 - 40   | 5020       | 1092                   | 9780                    | 158          |
| 1050      | 3 - 32    | 1300       | 273                    | 153                     | 11           | 4300      | 10 - 40   | 5130       | 1118                   | 10495                   | 165          |
| 1100      | 3 - 32    | 1360       | 286                    | 176                     | 12           | 4400      | 10 - 40   | 5250       | 1144                   | 11244                   | 173          |
| 1200      | 3 - 32    | 1480       | 312                    | 228                     | 14           | 4500      | 10 - 40   | 5370       | 11700                  | 12029                   | 181          |
| 1300      | 3 - 35    | 1590       | 338                    | 290                     | 16           | 4600      | 10 - 40   | 5490       | 1196                   | 12848                   | 189          |
| 1400      | 3 - 35    | 1710       | 364                    | 362                     | 18           | 4700      | 10 - 40   | 5610       | 1222                   | 13705                   | 198          |
| 1500      | 4 - 35    | 1830       | 390                    | 446                     | 21           | 4800      | 10 - 40   | 5720       | 1248                   | 14598                   | 206          |
| 1600      | 4 - 35    | 1950       | 416                    | 541                     | 24           | 4900      | 10 - 40   | 5840       | 1274                   | 15530                   | 214          |
| 1700      | 4 - 40    | 2070       | 442                    | 649                     | 27           | 5000      | 10 - 40   | 5960       | 1300                   | 16500                   | 223          |
| 1800      | 4 - 40    | 2180       | 468                    | 770                     | 30           | 5100      | 10 - 40   | 6080       | 1326                   | 17510                   | 232          |
| 1900      | 4 - 40    | 2300       | 494                    | 905                     | 33           | 5200      | 10 - 40   | 6200       | 1352                   | 18560                   | 242          |
| 2000      | 5 - 40    | 2420       | 520                    | 1056                    | 37           | 5300      | 10 - 40   | 6310       | 1378                   | 19652                   | 250          |
| 2100      | 5 - 40    | 2540       | 546                    | 1222                    | 41           | 5400      | 10 - 40   | 6430       | 1404                   | 20785                   | 260          |
| 2200      | 5 - 40    | 2660       | 572                    | 1406                    | 44           | 5500      | 10 - 40   | 6550       | 1430                   | 21962                   | 270          |
| 2300      | 5 - 40    | 2770       | 598                    | 1606                    | 48           | 5600      | 10 - 40   | 6670       | 1456                   | 23181                   | 280          |
| 2400      | 5 - 40    | 2890       | 624                    | 1825                    | 52           | 5700      | 10 - 40   | 6790       | 1482                   | 24445                   | 290          |
| 2500      | 5 - 40    | 3010       | 650                    | 2063                    | 57           | 5800      | 10 - 40   | 6900       | 1508                   | 25755                   | 299          |
| 2600      | 6 - 40    | 3130       | 676                    | 2320                    | 62           | 5900      | 10 - 40   | 7020       | 1534                   | 27110                   | 310          |
| 2700      | 6 - 40    | 3250       | 702                    | 2598                    | 66           | 6000      | 10 - 40   | 7140       | 1560                   | 28512                   | 320          |



## FLAT DISHED & FLANGED AZ DERİN BOMBE

$R \text{ (mm)} \approx 1,2D$   
 $r \text{ (mm)} \approx 0,05D$   
 $h_1 \text{ (mm)} \geq 3,5 t$   
 $h_2 \text{ (mm)} \approx 0,15D$   
 $H \text{ (mm)} \approx h_1 + h_2$   
 $D_p \text{ (mm)} \approx 1,0654D + 1,7 h_1$   
 (Pul Çapı / Disk Diameter)  
 $V \text{ (mm}^3\text{)} \approx 0,06 D^3 (h_1 = 0)$   
 $m \text{ (kg)} \approx 2\pi D_p^2 t$   
 (Dp birimi (m) / t birimi (mm))

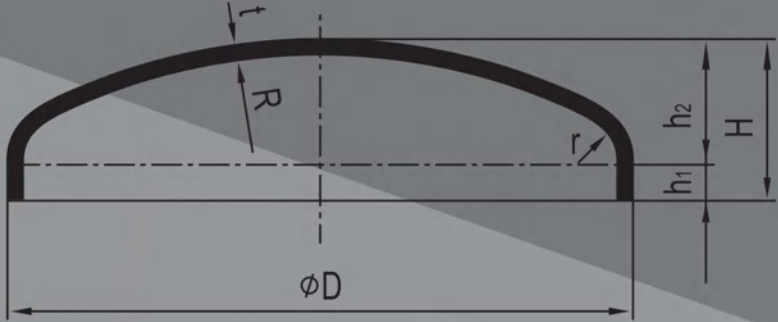


| D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) | D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) |
|-----------|-----------|------------|------------------------|-------------------------|--------------|-----------|-----------|------------|------------------------|-------------------------|--------------|
| 300       | 3 - 12    | 370        | 45                     | 1,6                     | 0,9          | 3200      | 6 - 40    | 3460       | 480                    | 1989                    | 75           |
| 350       | 3 - 12    | 420        | 53                     | 2,6                     | 1,1          | 3300      | 6 - 40    | 3565       | 495                    | 2181                    | 80           |
| 400       | 3 - 14    | 475        | 60                     | 3,9                     | 1,4          | 3400      | 6 - 40    | 3670       | 510                    | 2386                    | 85           |
| 500       | 3 - 16    | 585        | 75                     | 7,6                     | 2,1          | 3500      | 6 - 40    | 3780       | 525                    | 2603                    | 90           |
| 600       | 3 - 22    | 690        | 90                     | 13                      | 3,0          | 3600      | 8 - 40    | 3885       | 540                    | 2832                    | 95           |
| 700       | 3 - 22    | 795        | 105                    | 21                      | 4,0          | 3700      | 8 - 40    | 3990       | 555                    | 3075                    | 100          |
| 800       | 3 - 22    | 900        | 120                    | 31                      | 5,1          | 3800      | 8 - 40    | 4100       | 570                    | 3331                    | 105          |
| 900       | 3 - 25    | 1000       | 135                    | 44                      | 6,4          | 3900      | 8 - 40    | 4200       | 585                    | 3601                    | 111          |
| 1000      | 3 - 32    | 1115       | 150                    | 61                      | 7,8          | 4000      | 8 - 40    | 4310       | 600                    | 3885                    | 117          |
| 1100      | 3 - 32    | 1220       | 165                    | 81                      | 9,4          | 4100      | 8 - 40    | 4415       | 615                    | 4184                    | 122          |
| 1200      | 3 - 32    | 1330       | 180                    | 105                     | 11           | 4200      | 8 - 40    | 4525       | 630                    | 4497                    | 128          |
| 1300      | 3 - 35    | 1435       | 195                    | 133                     | 13           | 4300      | 8 - 40    | 4630       | 645                    | 4826                    | 135          |
| 1400      | 3 - 35    | 1540       | 210                    | 167                     | 15           | 4400      | 8 - 40    | 4735       | 660                    | 5171                    | 141          |
| 1500      | 4 - 35    | 1650       | 225                    | 205                     | 17           | 4500      | 10 - 40   | 4840       | 675                    | 5531                    | 147          |
| 1600      | 4 - 40    | 1755       | 240                    | 249                     | 19           | 4600      | 10 - 40   | 4950       | 690                    | 5908                    | 154          |
| 1700      | 4 - 40    | 1860       | 255                    | 298                     | 22           | 4700      | 10 - 40   | 5055       | 705                    | 6302                    | 161          |
| 1800      | 4 - 40    | 1965       | 270                    | 354                     | 24           | 4800      | 10 - 40   | 5160       | 720                    | 6713                    | 167          |
| 1900      | 4 - 40    | 2070       | 285                    | 416                     | 27           | 4900      | 10 - 40   | 5270       | 735                    | 7141                    | 174          |
| 2000      | 5 - 40    | 2180       | 300                    | 486                     | 30           | 5000      | 10 - 40   | 5375       | 750                    | 7588                    | 181          |
| 2100      | 5 - 40    | 2285       | 315                    | 562                     | 33           | 5100      | 10 - 40   | 5480       | 765                    | 8052                    | 189          |
| 2200      | 5 - 40    | 2395       | 330                    | 646                     | 36           | 5200      | 10 - 40   | 5590       | 780                    | 8535                    | 196          |
| 2300      | 5 - 40    | 2500       | 345                    | 739                     | 39           | 5300      | 10 - 40   | 5695       | 795                    | 9037                    | 204          |
| 2400      | 5 - 40    | 2605       | 360                    | 839                     | 43           | 5400      | 10 - 40   | 5800       | 810                    | 9558                    | 211          |
| 2500      | 5 - 40    | 2710       | 375                    | 948                     | 46           | 5500      | 10 - 40   | 5910       | 825                    | 10099                   | 219          |
| 2600      | 6 - 40    | 2820       | 390                    | 1067                    | 50           | 5600      | 10 - 40   | 6015       | 840                    | 10660                   | 227          |
| 2700      | 6 - 40    | 2925       | 405                    | 1195                    | 54           | 5700      | 10 - 40   | 6120       | 855                    | 11241                   | 235          |
| 2800      | 6 - 40    | 3030       | 420                    | 1332                    | 58           | 5800      | 10 - 40   | 6230       | 870                    | 11843                   | 244          |
| 2900      | 6 - 40    | 3140       | 435                    | 1480                    | 62           | 5900      | 10 - 40   | 6335       | 885                    | 12467                   | 252          |
| 3000      | 6 - 40    | 3245       | 450                    | 1639                    | 66           | 6000      | 10 - 40   | 6440       | 900                    | 13111                   | 260          |
| 3100      | 6 - 40    | 3350       | 465                    | 1808                    | 71           |           |           |            |                        |                         |              |



TORI-SPHERICAL  
TORİSFERİK BOMBE

$R \text{ (mm)} = D$   
 $r \text{ (mm)} = 0,1D$   
 $h_1 \text{ (mm)} \geq 3,5 t$   
 $h_2 \text{ (mm)} \approx 0,2D$   
 $H \text{ (mm)} = h_1 + h_2$   
 $D_p \text{ (mm)} \approx 1,12D + 1,7 h_1$   
 (Pul Çapı / Disk Diameter)  
 $V \text{ (mm}^3\text{)} \approx 0,1 D^3 (h_1 = 0)$   
 $m \text{ (kg)} = 2\pi D p^2 t$   
 (Dp birimi (m) / t birimi (mm))

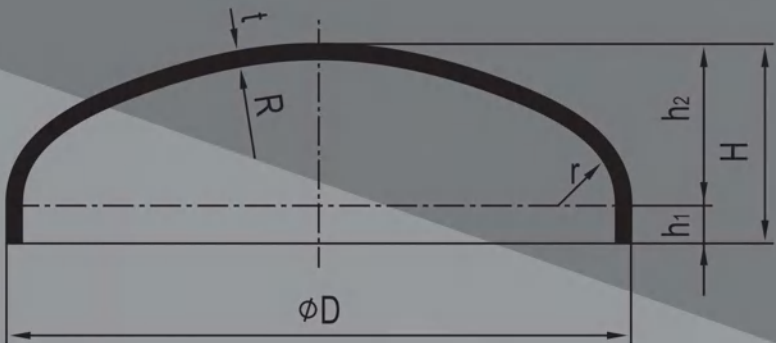


| D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) | D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) |
|-----------|-----------|------------|------------------------|-------------------------|--------------|-----------|-----------|------------|------------------------|-------------------------|--------------|
| 300       | 3 - 12    | 380        | 60                     | 2,7                     | 0,9          | 3100      | 8 - 40    | 3560       | 620                    | 2980                    | 80           |
| 350       | 3 - 12    | 435        | 70                     | 4,3                     | 1,2          | 3200      | 8 - 40    | 3680       | 640                    | 3280                    | 85           |
| 400       | 3 - 14    | 490        | 80                     | 6,4                     | 1,5          | 3300      | 8 - 40    | 3790       | 660                    | 3600                    | 90           |
| 450       | 3 - 14    | 550        | 90                     | 9,1                     | 1,9          | 3400      | 8 - 40    | 3910       | 680                    | 3910                    | 96           |
| 500       | 3 - 16    | 610        | 100                    | 13                      | 2,3          | 3500      | 8 - 40    | 4020       | 700                    | 4300                    | 101          |
| 550       | 3 - 16    | 665        | 110                    | 17                      | 2,8          | 3600      | 8 - 40    | 4130       | 720                    | 4680                    | 107          |
| 600       | 3 - 20    | 720        | 120                    | 22                      | 3,2          | 3700      | 8 - 40    | 4240       | 740                    | 5070                    | 113          |
| 700       | 3 - 20    | 830        | 140                    | 35                      | 4,3          | 3800      | 8 - 40    | 4360       | 760                    | 5500                    | 119          |
| 800       | 3 - 20    | 950        | 160                    | 51                      | 5,6          | 3900      | 8 - 40    | 4470       | 780                    | 5940                    | 126          |
| 900       | 3 - 25    | 1060       | 180                    | 73                      | 7,0          | 4000      | 8 - 40    | 4590       | 800                    | 6400                    | 132          |
| 1000      | 3 - 32    | 1180       | 200                    | 100                     | 8,7          | 4100      | 8 - 40    | 4690       | 820                    | 6892                    | 138          |
| 1100      | 3 - 32    | 1290       | 220                    | 134                     | 10           | 4200      | 8 - 40    | 4800       | 840                    | 7408                    | 142          |
| 1200      | 3 - 32    | 1400       | 240                    | 174                     | 12           | 4300      | 8 - 40    | 4920       | 860                    | 7950                    | 150          |
| 1300      | 3 - 35    | 1520       | 260                    | 220                     | 15           | 4400      | 8 - 40    | 5030       | 880                    | 8518                    | 156          |
| 1400      | 3 - 35    | 1640       | 280                    | 275                     | 17           | 4500      | 10 - 40   | 5140       | 900                    | 9113                    | 163          |
| 1500      | 4 - 35    | 1750       | 300                    | 337                     | 19           | 4600      | 10 - 40   | 5250       | 920                    | 9734                    | 170          |
| 1600      | 4 - 35    | 1860       | 320                    | 410                     | 22           | 4700      | 10 - 40   | 5360       | 940                    | 10383                   | 177          |
| 1700      | 4 - 40    | 1970       | 340                    | 490                     | 24           | 4800      | 10 - 40   | 5480       | 960                    | 11060                   | 185          |
| 1800      | 4 - 40    | 2080       | 360                    | 580                     | 27           | 4900      | 10 - 40   | 5590       | 980                    | 11765                   | 193          |
| 1900      | 4 - 40    | 2200       | 380                    | 685                     | 30           | 5000      | 10 - 40   | 5700       | 1000                   | 12500                   | 202          |
| 2000      | 5 - 40    | 2310       | 400                    | 800                     | 34           | 5100      | 10 - 40   | 5810       | 1020                   | 13265                   | 212          |
| 2100      | 5 - 40    | 2430       | 420                    | 925                     | 37           | 5200      | 10 - 40   | 5920       | 1040                   | 14061                   | 220          |
| 2200      | 5 - 40    | 2540       | 440                    | 1065                    | 41           | 5300      | 10 - 40   | 6030       | 1060                   | 14888                   | 228          |
| 2300      | 5 - 40    | 2660       | 460                    | 1215                    | 44           | 5400      | 10 - 40   | 6140       | 1080                   | 15746                   | 236          |
| 2400      | 5 - 40    | 2770       | 480                    | 1380                    | 48           | 5500      | 10 - 40   | 6250       | 1100                   | 16638                   | 245          |
| 2500      | 5 - 40    | 2880       | 500                    | 1560                    | 52           | 5600      | 10 - 40   | 6360       | 1120                   | 17562                   | 254          |
| 2600      | 6 - 40    | 3000       | 520                    | 1760                    | 57           | 5700      | 10 - 40   | 6470       | 1140                   | 18519                   | 263          |
| 2700      | 6 - 40    | 3110       | 540                    | 1970                    | 61           | 5800      | 10 - 40   | 6580       | 1160                   | 19511                   | 272          |
| 2800      | 6 - 40    | 3230       | 560                    | 2200                    | 66           | 5900      | 10 - 40   | 6690       | 1180                   | 20538                   | 281          |
| 2900      | 6 - 40    | 3340       | 580                    | 2440                    | 70           | 6000      | 10 - 40   | 6810       | 1200                   | 21600                   | 291          |
| 3000      | 6 - 40    | 3450       | 600                    | 2700                    | 75           |           |           |            |                        |                         |              |



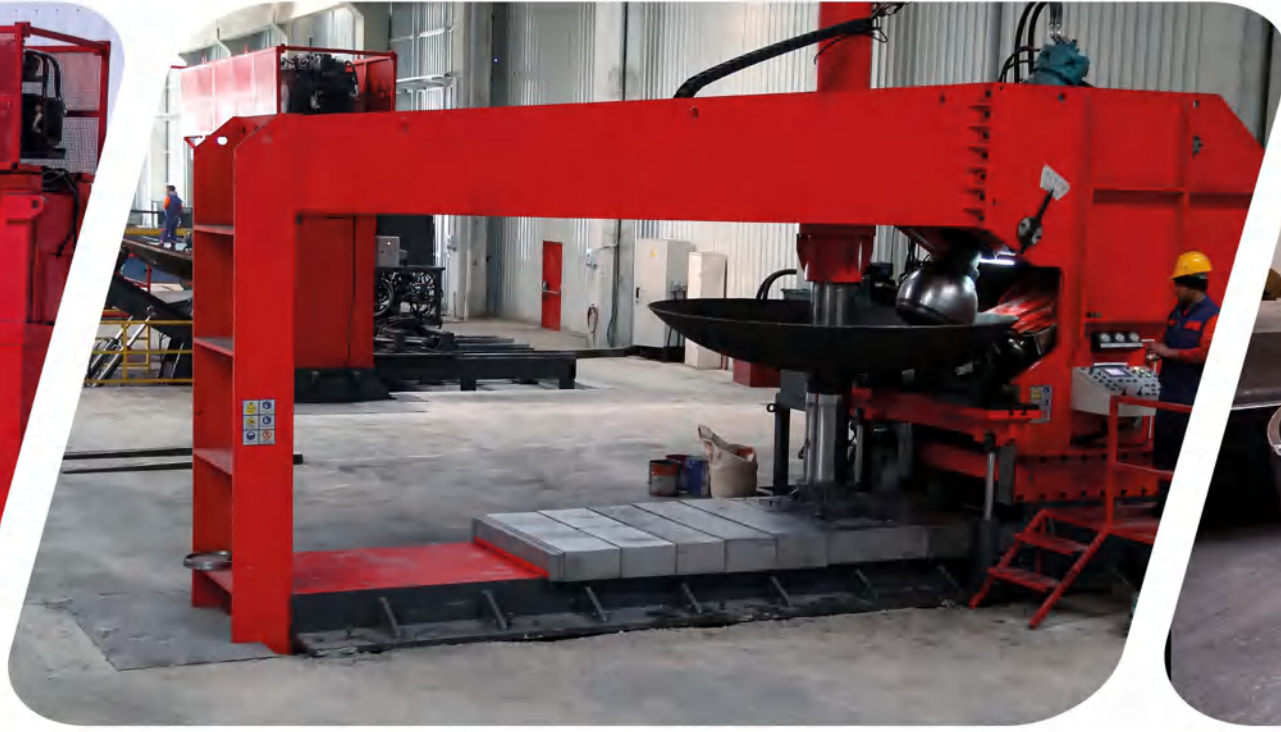
ELLIPTICAL  
ELİPTİK BOMBE

$R \text{ (mm)} = 0,8D$   
 $r \text{ (mm)} = 0,154D$   
 $h_1 \text{ (mm)} \geq 3,5 t$   
 $h_2 \text{ (mm)} \approx 0,26D$   
 $H \text{ (mm)} = h_1 + h_2$   
 $D_p \text{ (mm)} \approx 1,174D + 1,7 h_1$   
(Pul Çapı / Disk Diameter)  
 $V \text{ (mm}^3\text{)} \approx 0,13 D^3 (h_1 = 0)$   
 $m \text{ (kg)} \approx 2\pi D p^2 t$   
(Dp birimi (m) / t birimi (mm))



| D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) | D<br>(mm) | t<br>(mm) | Dp<br>(mm) | h <sub>2</sub><br>(mm) | V<br>(dm <sup>3</sup> ) | m<br>(kg/mm) |
|-----------|-----------|------------|------------------------|-------------------------|--------------|-----------|-----------|------------|------------------------|-------------------------|--------------|
| 300       | 3 - 12    | 400        | 78                     | 3,5                     | 1,0          | 2900      | 6 - 40    | 3490       | 755                    | 3160                    | 76           |
| 350       | 3 - 12    | 460        | 91                     | 5,6                     | 1,3          | 2950      | 6 - 40    | 3550       | 765                    | 3340                    | 79           |
| 400       | 3 - 14    | 520        | 104                    | 8,3                     | 1,7          | 3000      | 8 - 40    | 3610       | 780                    | 3500                    | 82           |
| 450       | 3 - 14    | 580        | 117                    | 12                      | 2,1          | 3100      | 8 - 40    | 3720       | 805                    | 3850                    | 87           |
| 500       | 3 - 16    | 640        | 130                    | 16                      | 2,6          | 3200      | 8 - 40    | 3840       | 832                    | 4260                    | 93           |
| 550       | 3 - 16    | 700        | 143                    | 22                      | 3,1          | 3300      | 8 - 40    | 3960       | 858                    | 4672                    | 99           |
| 600       | 3 - 20    | 760        | 156                    | 28                      | 3,6          | 3400      | 8 - 40    | 4080       | 884                    | 5110                    | 105          |
| 650       | 3 - 20    | 820        | 169                    | 36                      | 4,2          | 3500      | 8 - 40    | 4200       | 910                    | 5574                    | 111          |
| 700       | 3 - 20    | 875        | 182                    | 45                      | 4,8          | 3600      | 10 - 40   | 4320       | 936                    | 6065                    | 117          |
| 750       | 3 - 20    | 935        | 195                    | 55                      | 5,5          | 3700      | 10 - 40   | 4445       | 962                    | 6585                    | 124          |
| 800       | 3 - 20    | 995        | 208                    | 67                      | 6,2          | 3800      | 10 - 40   | 4560       | 988                    | 7133                    | 130          |
| 850       | 3 - 25    | 1055       | 221                    | 80                      | 7,0          | 3900      | 10 - 40   | 4680       | 1014                   | 7711                    | 137          |
| 900       | 3 - 25    | 1115       | 234                    | 94                      | 7,8          | 4000      | 10 - 40   | 4795       | 1040                   | 8320                    | 144          |
| 950       | 3 - 25    | 1170       | 247                    | 111                     | 8,6          | 4100      | 10 - 40   | 4910       | 1066                   | 8960                    | 151          |
| 1000      | 3 - 32    | 1230       | 260                    | 130                     | 9,5          | 4200      | 10 - 40   | 5030       | 1092                   | 9631                    | 158          |
| 1100      | 3 - 32    | 1350       | 286                    | 173                     | 11           | 4300      | 10 - 40   | 5150       | 1118                   | 10336                   | 166          |
| 1200      | 3 - 32    | 1470       | 312                    | 225                     | 14           | 4400      | 10 - 40   | 5265       | 1144                   | 11074                   | 174          |
| 1300      | 3 - 35    | 1590       | 338                    | 285                     | 16           | 4500      | 10 - 40   | 6380       | 1170                   | 11846                   | 181          |
| 1400      | 3 - 35    | 1710       | 364                    | 356                     | 18           | 4600      | 10 - 40   | 5500       | 1196                   | 12654                   | 190          |
| 1500      | 4 - 35    | 1830       | 390                    | 438                     | 21           | 4700      | 10 - 40   | 5615       | 1222                   | 13497                   | 198          |
| 1600      | 4 - 35    | 1950       | 416                    | 532                     | 24           | 4800      | 10 - 40   | 5735       | 1248                   | 14377                   | 206          |
| 1700      | 4 - 40    | 2070       | 442                    | 640                     | 27           | 4900      | 10 - 40   | 5850       | 1274                   | 15294                   | 215          |
| 1800      | 4 - 40    | 2190       | 468                    | 760                     | 30           | 5000      | 10 - 40   | 5970       | 1300                   | 16250                   | 223          |
| 1900      | 4 - 40    | 2300       | 494                    | 890                     | 33           | 5100      | 10 - 40   | 6080       | 1326                   | 17245                   | 232          |
| 2000      | 5 - 40    | 2420       | 520                    | 1040                    | 37           | 5200      | 10 - 40   | 6200       | 1352                   | 18279                   | 242          |
| 2100      | 5 - 40    | 2540       | 546                    | 1200                    | 41           | 5300      | 10 - 40   | 6320       | 1378                   | 19354                   | 251          |
| 2200      | 5 - 40    | 2660       | 572                    | 1380                    | 45           | 5400      | 10 - 40   | 6430       | 1404                   | 20470                   | 260          |
| 2300      | 5 - 40    | 2780       | 598                    | 1580                    | 49           | 5500      | 10 - 40   | 6550       | 1430                   | 21629                   | 270          |
| 2400      | 5 - 40    | 2900       | 624                    | 1800                    | 53           | 5600      | 10 - 40   | 6670       | 1456                   | 22830                   | 280          |
| 2500      | 5 - 40    | 3020       | 650                    | 2030                    | 57           | 5700      | 10 - 40   | 6790       | 1482                   | 24075                   | 290          |
| 2600      | 6 - 40    | 3140       | 676                    | 2280                    | 62           | 5800      | 10 - 40   | 6900       | 1508                   | 25365                   | 299          |
| 2700      | 6 - 40    | 3250       | 700                    | 2550                    | 67           | 5900      | 10 - 40   | 7020       | 1534                   | 26699                   | 310          |
| 2800      | 6 - 40    | 3370       | 725                    | 2850                    | 71           | 6000      | 10 - 40   | 7140       | 1560                   | 28080                   | 320          |







Yilteks Construction has set out to produce outstanding housing projects and is a construction company that aims to build "the places where people feel happy and peaceful in themselves".

Our company, which aims to produce innovative solutions suitable for developing technology as a necessity of modern life, has made the principle of going one step forward in every new project with a young and dynamic structure under the leadership of an experienced managerial team.

The aim of Yilteks Construction Inc., which is based on human life, is to construct safe, modern and aesthetic constructions that are addressed to every income group and whose infrastructure is resolved, integrated with nature.

「**"The rising value  
Quality Life"**」





Yilteks Logistics offers other services in the logistics sector such as international transportation, maritime transport. Yilteks Logistics is not only a logistic supporter of its companies but also a reliable business partner.

Our aim is to provide the fastest solution to the customers we serve and to keep customer satisfaction at the highest level by combining with the most important elements of the logistics sector - experience factor and hard work.





Yilteks Automotive has been established to provide services in the land, air, sea and construction vehicles and equipments sector with its wide sales network in national and international area. Yilteks Automotive, responds to investors demanding vehicles from abroad and domestically, based on long-term friendship and cooperation principle and makes sacrifice of the collaborated customers while earning itself. Yilteks Automotive aims to win and grow together by cooperating with you. We are strong, equipped and assertive. Yilteks Automotive, offers new or used vehicles in its portfolio to its customers in its own showroom. We invite you to collaborate to benefit from Yilteks Automotive's broad international portfolio. If your aim is to convey your own productions, productions that you are to lay up, or the ones that you still trading in in all markets in the World -no matter a few or hundreds of vehicles- Yilteks automotive is ready to collaborate.







■ Sektörde, Türkiye'nin önde gelen akaryakıt dağıtım şirketlerinden OPET, Hizmet ve ürün kalitesiyle YILTEKS Opet'te tüketicinin hizmetine sunulmuştur.

Opet'in Sosyal Sorumluluk projeleri kapsamında doğaya ve çevreye duyarlı, kesintisiz hizmet bulabileceğiniz akaryakıt istasyonumuz güler yüzlü ve eğitilmiş personeliyle 24 saat hizmetinizde.





+90 342 444 6251  
+90 342 513 0061



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



E-90 karayolu üzeri  
Nizip-Gaziantep arası 4.km  
Nizip/Gaziantep/TÜRKİYE