

Storage Tanks

Fiber-Glass Reinforced Polyester Tanks (GRP)

- **GRP tanks have a high chemical, mechanical and external corrosion agents resistance.**
- The design and the raw materials used in the tank manufacturing process provide **easy cleaning, high durability, zero maintenance and easy repair to mechanical breakdown.**
- The Fiber-Glass Reinforced Polyester is a good thermal and electrical insulator, but also **the tanks are lightweight and easily transportable.**
- Depending on the product to contain, the concentration, and temperature, **we use the most appropriate materials for each application.**
- **Dimasa Grupo** manufactures all its deposits as manufacturing standards: **UNE EN 13121-3:2010 and RTP1-2011.**
- To calculate thickness of the tank, we consider: **volume, product density, earthquake, wind, snow, live causes, external causes and product temperature.**

With each project, we deliver desing reports of each construction

Vertical storage tanks



Simple flat bottom wall

Upper and lower toriesférical ends , flat or open.

This type of tanks are the most economical tank to be purchased.



Vertical background with paws

Surface vertical tanks with toriespherical bottom and toriespherical, flat or open upper end.

It can be presented with steel legs or shirt-tail manufactured in GRP.

Horizontal tanks

To be buried



Horizontal tanks, buried, made by GRP with both backs and sides torispherical GRP reinforcement.

That tanks can be divided in different compartments and can be designed to be a compact wastewater treatment plant with all they internal elements.

Surface tanks



Tow torispherical ends, with backing rings and cradle made in GRP or in stainless steel.

Those tanks, can be divided in different compartments and can be designed to be a compact wastewater with all they internal elements.

Technical Features:

- Capacity between 1,000 and 250,000 liters in one piece.
- Diameters 500, 800, 900, 1000, 1200, 1500, 1800, 2000, 2500, 3000, 3500 and 4000 mm.
- Different types of resin that can be used are: Orthophthalic, Isophthalic, bisphenol and Vinylester.

Dimasa Grupo tanks can be customized with the color chosen by the customer and the following accessories can be:

- Manhole Dn-500 PN 0.2, 2.5, 6, 10, bolted.
- Elliptical manhole, steering wheel with lid in stainless steel or GRP.
- GRP flanges Din 2576.
- Anchors bolts.
- Lifting ears.
- PVC visual system.
- Visual system by pulleys.
- Maximum, minimum and leakage level detectors
- Electrical panel with light and sound signal for leakage or maximum level.
- Venting.
- Support stirrer.
- Breakwater.
- Heat tracing system to maintain the temperature.
- Coils in stainless steel
- Pipe supports.
- Lagging using coated polyurethanes plates by GRP.
- GRP or carbon steel cradle.
- Chance to partitioning into different compartments.