

Sludge Treatment equipments Hoppers, Thickeners and clarifiers manufactured in GRP

- GRP tanks have a **high chemical, mechanical and external corrosion agent 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 tank is **lightweight and easily transportable.**
- Depending on the product to be contained, the concentration, and temperature, it is used the most appropriate materials for each application.
- **Dimamex** manufactures all its deposits as manufacturing standards: **UNE EN 13121-3:2010 y ASME RTP1-2011.**

Clarifiers and thickeners for sludge treatment

Dimamex thickeners and clarifiers in GRP are circular and vertical.

- Conical bottom 45° o 60° .
- Carbon steel or GRP supports legs or skirts.
- **Open or closed top.**
- Vertical surface installation.
- Capacity between **1.000 y 150.000** L in one piece.
- Custom finishes, color chosen by customer.

With each project design report is delivered. Structure metallic calculation are included.

Thickeners and clarifiers use a physical method to separate components of different densities.



Sludge storage hoppers

Dimamex manufactures circular polyester hoppers for sludge storage:

- Conical bottom 45° o 60°.
- **Carbon steel or GRP supports legs or skirts.**
- Capacity between **1.000 y 150.000 L** in one piece.
- Custom finishes, color chosen by customer.

Hoppers are designed to have an underpass for truck access in order to easy the unload to trucks.



Optionally, it can be supplied with:

- Lower / upper manhole.
- GRP flanges Din 2576 or Ansi B 16.5
- Anchors floor fixing.
- Lifting ears.
- Venting.
- Knife gate vane : gate drain valves with electric or manual operation.
- Electrical control panel to open or close automatic valves.
- Rung ladder with handrails in GRP or carbon steel, to valve and top access.
- Top rail in GRP or carbon steel.
- Walkways in GRP or carbon steel.
- Scraper made in 304 stainless steel.
- Motor reducer with manual or automatic drive.
- Stirrer support.
- Perimetral channel as "Thompson" type.
- Central reassuring bell.