

## Imhoff Decanter



Vertical

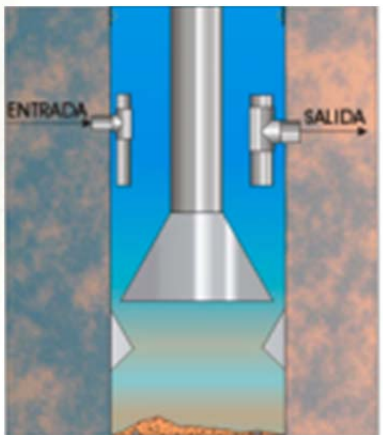
### Descripción

In IMHOFF tanks it is a primary anaerobic treatment where sedimentation and digestion of sludge occurs. It has two zones: the sedimentation zone (middle zone of the deposit) and the digestion zone of decanted solids (lower zone of the same). Through primary sedimentation, the heavier solids are separated by difference in density. With the help of the force of gravity, these remains are deposited in the lower area of the tank forming a blanket of mud where biological activity is carried out through the action of anaerobic bacteria.

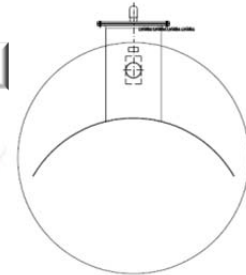
The reassuring "hood" that communicates both zones, prevents the passage of gases and sludge particles from the digestion zone to the decantation zone, thus preventing the gases generated during digestion from affecting the sedimentation of the solids.

Types:

- Horizontal
- Vertical



Horizontal

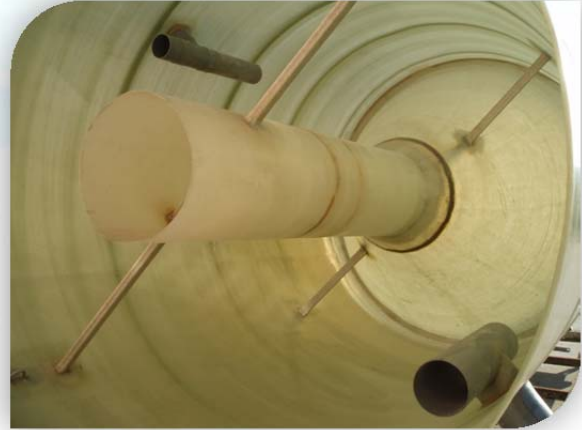


### Characteristics

- Totally smooth interiors rich in polyester that allow a perfect evacuation and a great chemical resistance to the different products to be stored.
- Fiberglass percentage from 55 to 60%, for great mechanical resistance.
- High resistance to external corrosive agents.
- Easy cleaning, high durability, does not need maintenance and is easy to repair when broken.
- GRP is resistant to both high and low temperatures, avoiding condensation. It is also a good electrical insulator.
- Light and easily transportable equipment

## Calculation and design

- BUPOLSA makes all of their tanks according to the manufacturing: UNE-EN 13121, UNE-EN 976 y AD-2000-Merkblatt-N1.
- For the design of the equipment takes into account volume, product to contain, the density, the working temperature and concentration of the same.



## Geometries and sizes

- Capacities: between 3.000 and 60.000 liters.
- Diameters (mm): 2.000, 2.325, 2.500, 3.000, 3.400, 4.000 and 4.200.
- Cones of 45° and 60°.
- For any other measure and/or capacity contact the technical-commercial department.



## Accessories available

- Screwed manhole in GRP, elliptical or dome with lid in stainless Steel.
- Tubings in GRP PRFV DIN 2576 or ANSI#150 FF
- Fixing anchors to the ground and lifting hooks
- Transparent visual level systems, using pulleys, level detectors, etc.
- Venting
- Supports for pipe