Flat bottom tanks are designed for storage of large amounts of cryogenic liquids (O_2, N_2, Ar, and CH_4) at atmospheric pressure.

The capacity of the standard cryogenic tank ranges from 200 to 5000 m^3.

A stationary flat bottom non-pressurized tank consists of two vessels, one of which is placed inside the other, an inner and an outer vessel. The inner vessel is made of stainless steel or 9% nickel steel, and the outer vessel is made of carbon steel. The space between the walls is filled with an insulation material: foamed glass on the bottom, expanded perlite on the walls and on the roof. The space is filled with dry nitrogen in order to ensure efficient and durable insulation. The tanks are delivered as a set of components to be assembled on the site.

To speak to one of our experts about the products or service we can offer to meet your specific requirements please Contact Us