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## Horizontal Storage Tank



### Short Description:

Horizontal natural gas cryogenic storage tanks are mainly used for filling and storing natural gas (LNG) liquids. Our products use high vacuum multi-layer winding technology. Better thermal insulation performance and longer vacuum service life. The materials of the products are mainly 304 stainless steel and carbon steel, which are suitable for use in various regions of the world. Products from 1m<sup>3</sup> to 500m<sup>3</sup> are available. We can customize according to customer's needs. The working pressure of our products is mainly 0.8Mpa, 1.6Mpa. We can produce according to customer's needs. Application scenarios: food processing, industrial welding, medical industry, industrial welding, plant breeding, engineering construction, etc.

### Product Description

Liquid Nitrogen Tank. Automated equipment testing and production ensures the production efficiency of the product. The production process of layer-by-layer inspection makes customers more assured. Through continuous technical accumulation, Runfeng series of cryogenic storage tank products and business scale have always been in the forefront of the country. Provide industry users with overall solutions in various fields from storage to industrial applications, fully meeting the needs of industry users.

Model: 1m<sup>3</sup>—500m<sup>3</sup>

Pressure: 0.8Mpa—3.5Mpa

Application scenarios: food processing, medical industry, cutting industry, etc.

Capacity: 1m<sup>3</sup>—200m<sup>3</sup> 100 units per month

Liquid Nitrogen Storage Tank, mainly used for filling and storing liquid nitrogen (LN2). We can supply products in different volumes, from 1m<sup>3</sup> to 500 cubic meters. The cryogenic storage tank mainly adopts the high vacuum multi-layer winding technology, which makes our products more competitive and the product has a longer service life. Compared to traditional storage tanks, our products are lighter in weight. It is more conducive to the transportation of products and the use of customers. The products are mainly 304 stainless steel inner liner and carbon steel outer liner. Can be customized according to customer needs. The working pressure is mainly 0.8Mpa, 1.6Mpa, 2.0Mpa, 3.5Mpa.

## Specification

Technical Parameters of Horizontal Cryo-storage Tanks											
Gross Capacity	Work Pressure (MPa)	Max. Theoretical Filling Volume					Inner vessel	Outer vessel	Tare Weight (kg)	Overall Dimensions (mm)	Diameter of outer vessel (mm)
		LO2	LN2	LAR	LNG	LCO2					
3 m <sup>3</sup>	0.8	3237	2300	4004	1210	/	S30408	Q345R	/	3350*1920*1614	1600
	1.6					/			1670		
	2.1					3167			1791		
5 m <sup>3</sup>	0.8	5198	3693	6429	1943	/	S30408	Q345R	/	3570*2112*2400	2100
	1.6					/			2595		
	2.1					5085			2823		
10 m <sup>3</sup>	0.8	10818	7686	13380	/	/	S30408	Q345R	/	6080*2362*2114	2100
	1.6				/	3773					
	2.1				4042	10581			4574		

Note: The above technical parameters may be changed without prior notice due to modification and development. If there is any change, please refer to the confirmed drawing.

## Main Features

1. Many years experience in cryogenic liquid storage tank's designing and manufacturing.
2. Professional and powerful team to support the business of our company.
3. Superior raw material to make the high quality products.
4. Various kinds of cryogenic liquid storage tank can be provided for and customized products can also be accepted.

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