

低温液体储罐

Cryogenic Storage Tank



产品概述

特莱姆低温液体储罐，可严格按照 GB、ASME、CE 等国家标准设计和制造，广泛应用于液化天然气、液氧、液氮、液氩、液态二氧化碳、液态乙烯等深冷液体的贮存及使用，具有各种不同的工作压力和规格供选择。迷你罐（快易捷）容积为 2m³~7.5m³，工作压力为 0.8Mpa~3.6Mpa；标准罐容积为 5m³~200m³，工作压力 0.8Mpa~1.6Mpa。

特莱姆低温液体储罐采用独特的高真空绝热技术，具有卓越的绝热性能，持久的真空保持时间，极低的使用成本。模块化的管路系统以及高配置部件提高了设备的使用性能和耐久性，并降低了维护成本，从而大大提升您的竞争优势。

特莱姆还可以根据客户需求设计和制造容积达到 200m³ 及以上的低液体储罐，并能提供各种规格的气化器、调压计量撬、气体缓冲罐、组合式调压装置 (PCM)、PLC 站控系统（无人值守）等气体应用的配套装备，可为客户提供 EPC 总包服务。

Product Overview

Cryogenic storage tanks that are designed and manufactured by Triumph are made strictly in accordance with national standards, such as GB, ASME, CE, etc. These tanks operate under various working pressures and specifications that can be widely used in the storage and usage of liquefied natural gas, oxygen, nitrogen, argon, carbon dioxide, ethylene, etc. The volume of the micro-tank ranges from 2m³~7.5m³ with working pressure ranging from 1.6Mpa~3.6Mpa. For the standard size tank, the volume ranges from 5m³~200m³ with working pressure ranging from 0.8Mpa~1.6Mpa. Triumph cryogenic storage tanks utilize a special high vacuum thermal insulation technology, which ensures excellent thermal insulation, long-lasting vacuum performance, and lower operational costs. A modularized pipeline design and advanced configuration highly improves the performance and endurance of the tanks, decreases the maintenance cost, and enhances the product's competitive advantage.

Triumph is capable of customizing cryogenic storage tanks with volumes up to 200m³ or higher in accordance with customers' requests. We are able to supply additional equipment such as vaporizers, pressure regulating & metering skids, buffer tanks, combined pressure regulating devices, (PCM) PLC control systems for unattended operation, and EPC turnkey projects.

液化天然气(LNG)储罐主要技术参数

Main Technical Parameters of Cryogenic Storage Tank for LNG

规格 Model	型式 Type	工作压力 (MPa) Working Pressure(Mpa)	外形尺寸 (mm) External Dimension(mm)	空重 (KG) Net Weight (KG)	满载重量 (KG) Full-Load Weight (KG)
CDL-3/1.6	立式	1.6	φ 1612 × 2960	2777	3850
CDL-5/1.6	立式	1.6	φ 1912 × 3326	3215	5115
CDL-7.5/0.8	立式	0.8	φ 2312 × 3874	3961	6837
CFL-10/0.8	立式	0.8	φ 2316 × 5787	5795	10055
CFL-15/0.8	立式	0.8	φ 2512 × 7000	6811	13201
CFL-20/0.8	立式	0.8	φ 2516 × 8010	8785	17305
CFL-30/0.8	立式	0.8	φ 2616 × 11030	15665	28445
CFL-50/0.8	立式	0.8	φ 3016 × 13340	21227	42527
CFL-60/0.8	立式	0.8	φ 3016 × 15381	23500	49060
CFL-100/0.8	立式	0.8	φ 3520 × 17190	39832	84162
CFL-150/0.8	立式	0.8	φ 3720 × 22481	55371	119271
CFW-10/0.8	卧式	0.8	6340(L) × 2112(W) × 1962(H)	6020	9854
CFW-20/0.8	卧式	0.8	8725(L) × 2512(W) × 2772(H)	9722	18242
CFW-30/0.8	卧式	0.8	12265(L) × 2512(W) × 2772(H)	13140	25920
CFW-50/0.8	卧式	0.8	12835(L) × 3016(W) × 3366(H)	20500	41800
CFW-60/0.8	卧式	0.8	14358(L) × 3116(W) × 3372(H)	23632	49192
CFW-100/0.8	卧式	0.8	17056(L) × 3520(W) × 3774(H)	37450	80050
CFW-150/0.8	卧式	0.8	22000(L) × 3720(W) × 4070(H)	62000	125900
CFL-200/0.8	立式	0.8	φ 4024 × 25780	72515	158715