



Taylor-Wharton
Equipping The Hydrogen Infrastructure

Taylor-Wharton LNG Bulk Storage Tanks

The Fuel of the Future Today

- Extended Product Hold Times
- Liquid & Gas Withdrawal Designs
- Superior Thermal Performance
- Stainless Steel Piping & Valves
- One Lift Placement
- Accessible Valves & Controls
- Dual Safety Relief System
- Emergency Control Valve (optional)
- Stainless Steel Vent Stack





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LNG Bulk Storage Tanks

Global Alternate Fuel Technologies for the 21st Century

LNG (Liquefied Natural Gas) is a clean, reliable, energy efficient and economical alternative fuel solution. Taylor-Wharton's LNG Bulk Storage Tanks are available in **configurations for both fuel station and infrastructure applications**. T-W's LNG storage tanks are constructed with the same exceptional commitment to quality as our industry leading standard cryogenic tanks.

We offer LNG storage tanks in both **vertical and horizontal designs** with **capacities ranging from 1,500 to 100,000 gallons** (5,500 to 370,000 liters) and a **service pressure range of 76 to 250 psig** (5.2 to 17.2 bar). Additionally our capabilities to engineer and manufacture **custom tank designs to a comprehensive range of global codes and customer requirements** are unparalleled.

Standard Features

- Top and Bottom Fill Lines
- Dual Safety Relief System
- Stainless Steel Primary Valves
- Stainless Steel Primary Piping
- Stainless Steel Vent Stack
- Fill Check Valve
- Inner Vessel Constructed from Stainless Steel
- Vacuum Insulated
- Durable, Epoxy Based, Polyurethane Paint Finish

Optional Features

- Pneumatic Emergency Shut-off Valves
- Pressure Building Coil & Economizer Circuit
- Dual Contents Gauge
- Lower Temperature SA-516 or Stainless Steel Outer Shell
- Vacuum-Jacketed Piping
- Submerged Transfer Pumps
- Emergency Shut-off Valve
- Rapid Saturation Sparger
- Thermosiphon



GLOBAL CODE CAPABILITIES: ASME SECTION VIII; PED; GB150; AD-MERKBLATTER; NFPA 59A;
CALIFORNIA CODE of REGULATIONS

LNG Tank Specifications

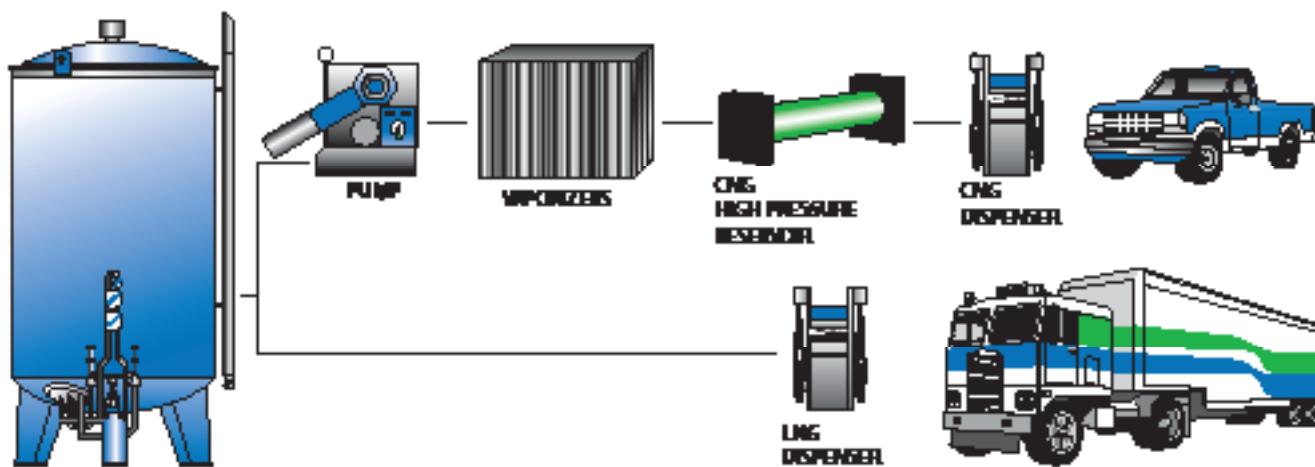
The Quality Alternative from Taylor-Wharton

VERTICAL LNG BULK TANKS: 150 PSIG (10.34 BAR) STANDARD AN EXTENSIVE RANGE OF ENGINEERED CUSTOMER SIZES AND PRESSURES

MODEL	15,000	16,700	18,000	20,000
Volume gal (liters)	14,873 (56,300)	16,670 (63,100)	18,040 (68,300)	19,778 (74,881)
Height ft/in. (meters)	37 - 9 (11.50)	37-9 (11.50)	36-5 (11.10)	54-4 (16.56)
Diameter ft/in. (meters)	10-5 (3.20)	11-2 (3.40)	12-0 (3.65)	10-11 (3.00)

HORIZONTAL LNG BULK TANKS: 150 PSIG (10.34 BAR) STANDARD AN EXTENSIVE RANGE OF ENGINEERED CUSTOMER SIZES AND PRESSURES

MODEL	20,000	30,000	50,000	60,000	75,000	100,000
Volume gal (liters)	20,000 (75,708)	30,000 (113,562)	50,000 (170,000)	60,000 (227,124)	75,000 (283,905)	1000,000 (378,540)
Height ft/in. (meters)	12-8 (3.87)	12-8 (3.87)	13-8 (4.17)	13-8 (4.17)	13-8 (4.17)	13-8 (4.17)
Diameter ft/in. (meters)	11-10 (3.60)	11-10 (3.60)	12-10 (3.90)	12-10 (3.90)	12-10 (3.90)	12-10 (3.90)
Length ft/in. (meters)	42-0 (12,800)	58-5 (17,800)	74-4 (22,669)	87-11 (26,800)	109-11 (33,500)	139-9 (42,600)



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