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**Global Gas Solutions
For the 21st Century**



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**AFT
Alternate Fuel
Technologies**

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**LNG
BULK
STORAGE TANKS**

TAYLOR - WHARTON
INTERNATIONAL LLC

AFT
Alternate Fuel
Technologies

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



Taylor-Wharton



LNG BULK STORAGE TANKS

The Quality Alternative from Taylor-Wharton

VERTICAL LNG BULK TANKS: 76 TO 250 PSIG (5.2 TO 17.2 BAR)

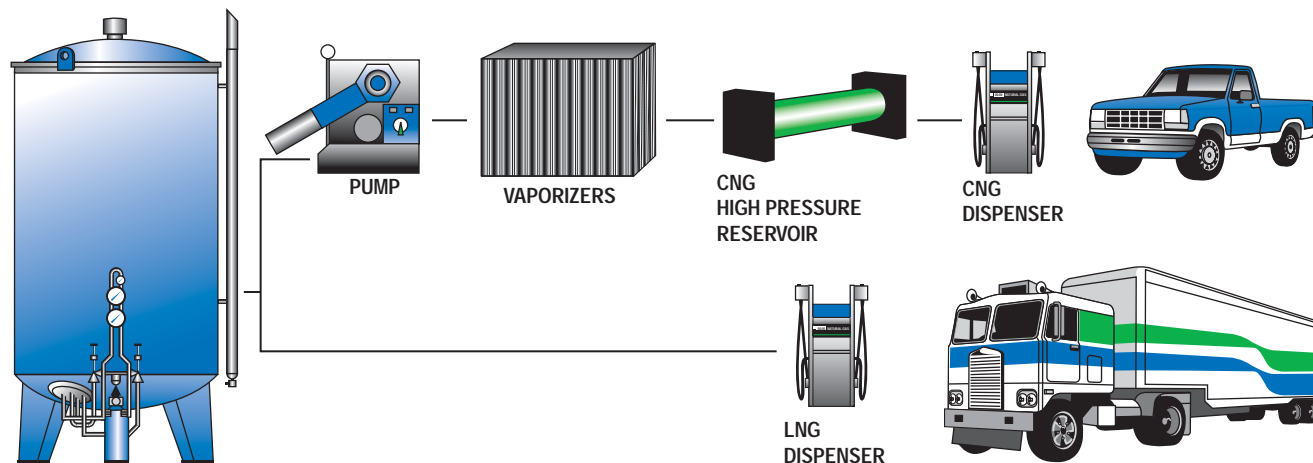
AN EXTENSIVE RANGE OF ADDITIONAL SIZES IS ALSO AVAILABLE

MODEL		1,500	3,000	6,000	15,000	16,300	20,000	27,800
VOLUME	gallons (US)	1,500	3,000	6,000	15,000	16,300	20,000	27,800
	liters	5,500	11,100	22,200	55,500	60,310	74,000	102,860
HEIGHT	feet - inches	15-9	15-11	26-2	40-6	43-1	54-3	52-0
	meters	4.8	4.9	8	12.3	13.1	16.5	15.9
DIAMETER	feet - inches	6-6	8-0	8-0	10-2	10-2	10-2	11-9
	meters	1.9	2.4	2.4	3.1	3.1	3.1	3.6

HORIZONTAL LNG BULK TANKS: 76 TO 250 PSIG (5.2 TO 17.2 BAR)

AN EXTENSIVE RANGE OF ADDITIONAL SIZES IS ALSO AVAILABLE

MODEL		15,000	20,000	30,000	50,000	65,000	90,000	100,000
VOLUME	gallons (US)	15,000	20,000	30,000	50,000	65,000	90,000	100,000
	liters	55,500	74,000	111,000	185,000	240,500	321,725	370,000
HEIGHT	feet - inches	11-8	11-8	12-4	12-4	13-4	13-6	13-6
	meters	3.6	3.6	3.8	3.8	4	4.1	4.1
DIAMETER	feet - inches	10-9	10-9	10-10	10-10	11-10	12-9	12-9
	meters	3.3	3.3	3.3	3.3	3.6	3.9	3.9
LENGTH	feet - inches	41-3	53-4	75-6	124-3	124-9	146-2	167-10
	meters	12.6	16.3	23	37.9	38	44.6	51.1



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.



Vertical LNG Bulk Tank

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 of 9% Nickel Steel or Stainless Steel (per code requirements)
- Vacuum Insulated
- Durable, Epoxy Based, Polyurethane Paint Finish

OPTIONAL FEATURES

- Pneumatic Emergency Shut-off Valves
- Pressure Building Coil & Economizer Circuit
- Dual Contents Gauge
- 9% Nickel 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
Additional International codes available on application.



Horizontal LNG Bulk Tank



Horizontal LNG Bulk Tank