

LPG Spherical Storage Tank

This spherical tank is designed for the efficient storage of LPG. It is built to ASME standards and can be made from materials such as stainless steel and 9Ni steel.



ADDITIONAL IMAGES



Overview



Spherical tanks are engineered to maintain gas in a liquid state under pressure, optimizing structural integrity.

Industrial LPG Storage Solution

These large-capacity spherical storage tanks are engineered for the safe and efficient containment of liquefied petroleum gas (LPG) under pressure. Designed for high-volume industrial applications, such as petrochemical plants and gas distribution terminals, the spherical geometry optimizes structural integrity and minimizes stress concentration. The tanks are fabricated using advanced hydraulic pressing techniques and are compatible with various high-grade steel materials to meet stringent international safety standards.

Technical Specifications



High-pressure containment facility featuring spherical tanks and interconnected piping systems.



Tanks feature high-strength steel construction with integrated safety valves and monitoring sensors.

Capacity Range

- Liquid Gas: 50m³ ~ 10,000m³
- Gas: 200m³ ~ 20,000m³

Compatible Materials

SA-516 • SA-537 CL1 • SA-537 CL2 • Q370R • Stainless Steel • 9Ni Steel

Design Codes

ASME BPVC VIII-1, ASME BPVC VIII-2, GB/T 12337, JB/T 4732

Manufacturing Capabilities



Robust support structures and access platforms ensure operational safety and maintenance accessibility.

Max Shell Plate Pressing

80 mm

Services

Integrated Project Services

- Engineering Design & EPC Services
- System Design
- Key Equipment Manufacturing
- Onsite Installation & Commissioning
- Personnel Training
- Operation Technical Support