

CRANE

CRYOFLO^{H₂}

Keeping Cryogenics Cool

H₂

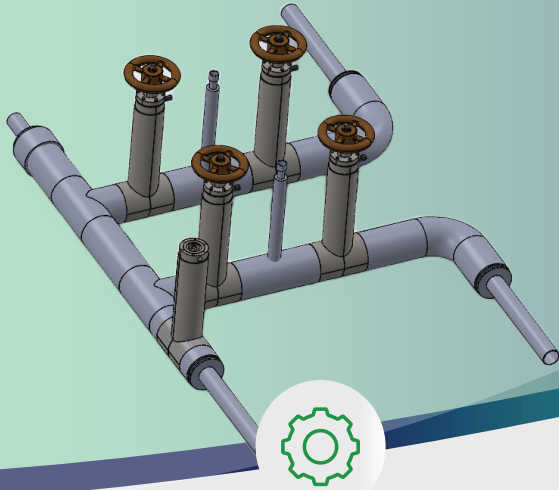
H₂

HYDROG

CRYOFLO[®]

Vacuum Jacketed Storage Tank Fill & Withdrawl Assemblies

NEW!



PERFORMANCE

Innovative engineered design greatly reduces Hydrogen loss through improved heat transfer and enhanced CV.

What We Provide

CRANE CRYOFLO[®] fully customizable manifolds to support all storage tank and trailer layouts while minimizing heat transfer rates and maximizing flow rates with our improved CV Bellows Seal Globe Valve.



LEAD TIME

Automated facility delivers products faster and more efficiently with consistent quality.



BESPOKE SOLUTIONS

CRYOFLO[®] offers full customization and engineering for any tank layout.

Designed for LH₂ and other key industrial gases such as LIN, LOX, LAR, LHe, and LNG. Rated to -269°C (-452°F)

Contact Us



www.cranecryoflo.com

CRANE CRYOFLO®

VACUUM JACKETED STORAGE TANK FILL & WITHDRAWAL ASSEMBLY DETAILS

Size Range

- ½" to 3" (Inner)

Pressure Ratings

- 150 psi MAWP
- 300 psi MAWP

Operating Option

- Manual
- Automated valves

End Connection

- Field Weld Vacuum Joint
- Bayonet
- Equipment Mounting

Assembly Configurations

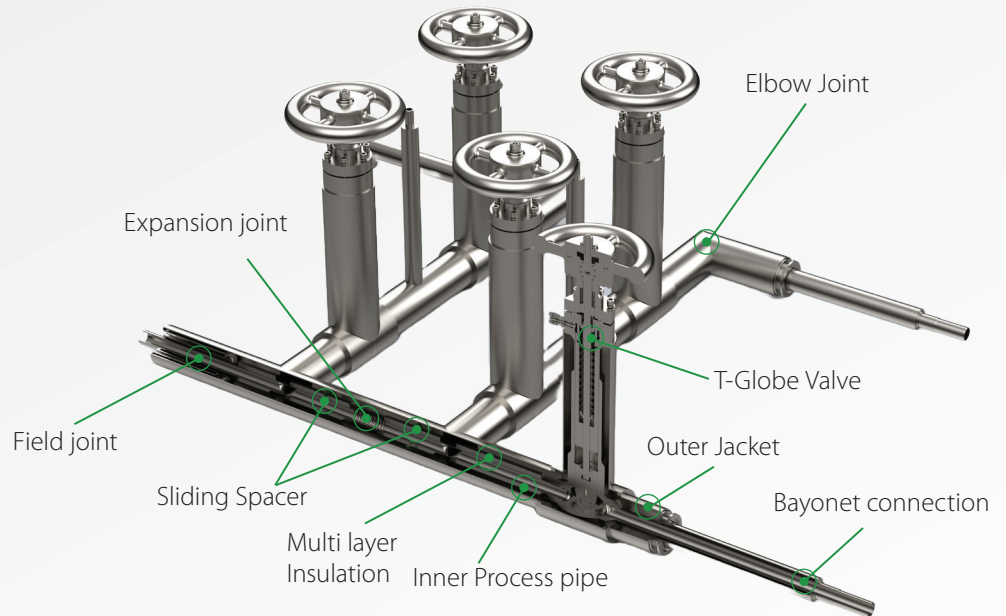
- Wide range of components available
- Designed for any footprint
- Customizable flow patterns

Compliance

- MSS-SP-134
- ISO 15848
- ASME B31.3
- ASME B31.12
- Oxygen cleaned optional per CGA G-4.1

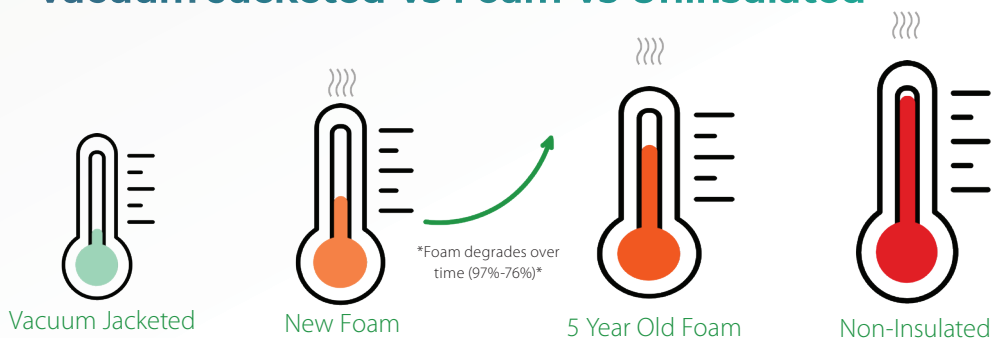
Typical Applications

Production, transportation, transfer, and storage of Hydrogen and other cryogenics.



Vacuum Jacketed Vs Foam Vs Uninsulated

Vacuum Jacketed systems are 75% more efficient than newly installed foam (95% more efficient than 5 year old foam), which itself is 97% more efficient than uninsulated systems.



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