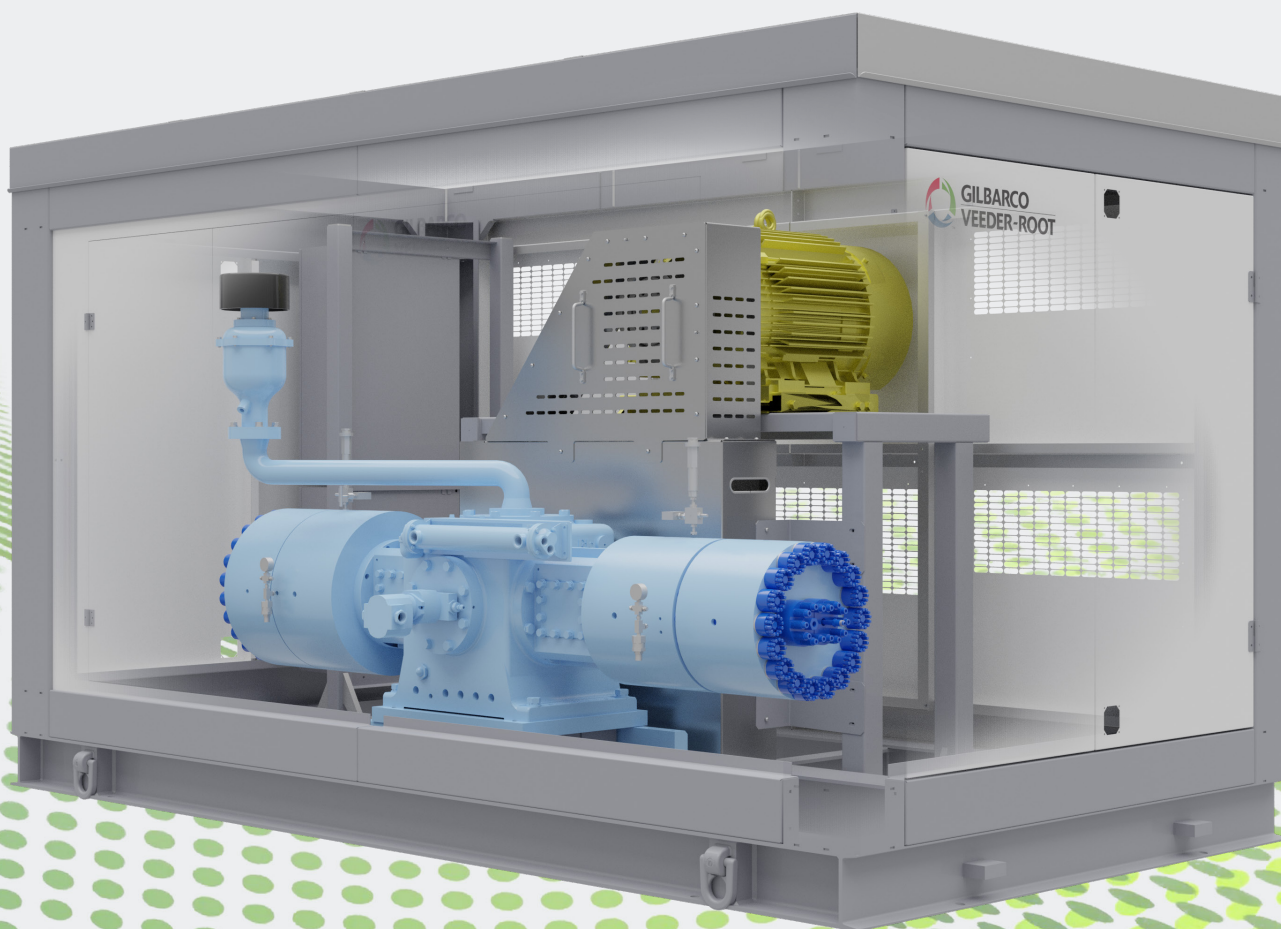


H₂ Refuelling Solutions

Hydrogen Compression System

Containerised Triple Diaphragm Solution

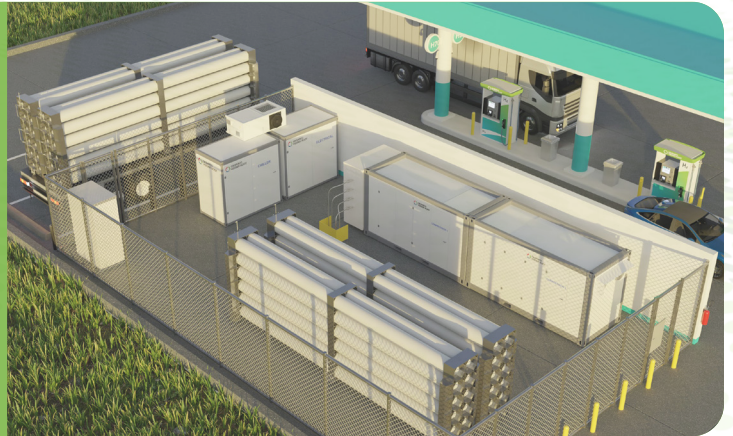


Hydrogen Compression System

Containerised Triple Diaphragm Solution

Our hydrogen compression systems offer a completely turnkey solution whatever your on-site needs.

Expertly engineered for modular plug-and-play integration today whilst ensuring adaptability for your evolving needs of tomorrow.



TRUSTED

40+ years' compressed gas experience

EFFICIENT

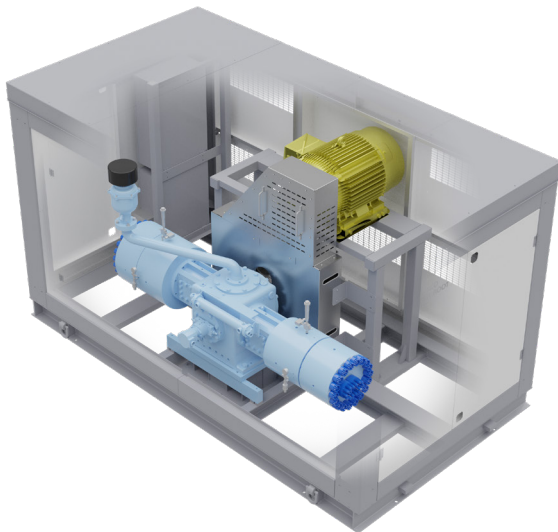
Energy efficient design for lower energy costs. Hydraulic system for long service life

FLEXIBLE

Specialist-led, custom design to your specific requirements

SCALABLE

Modular units, buildable over time



Containerised compression solution for easy plug and play deployment

PLUG AND PLAY

Integrates with existing site infrastructure including site control/automation

SAFE

Safety interlocks, leak detection, emergency shutdown, NFPA 2 compliant

HIGH UPTIME

Oil, abrasion, and leakage-free compression

CONNECTED

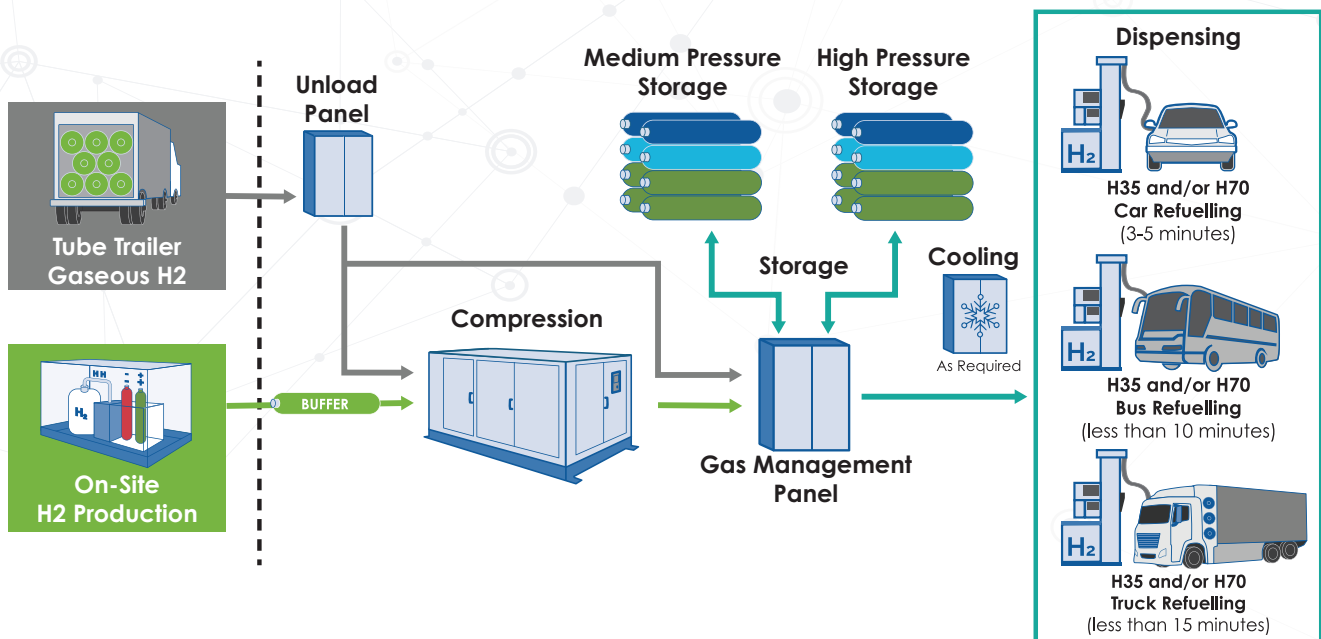
Full range of aftersales services including web-enabled remote support

TECHNICAL SPECIFICATIONS

Supply	Delivery or on-site production
Min. inlet pressure	10 bar
Max. outlet pressure	900 bar
Flow rates per skid	Up to 0.91kg/min @ 250 bar (~ 1200kg per day) Up to 1.85kg/min @ 500 bar (~ 2500kg per day)
Stages	Single and two stage options (up to 4 stages for one "System")
Drive power	Up to 200 HP (160 kW)
Operating temperature	0 – 104 F Gas, -20 – 120 F Ambient
Heat exchanger	Included in assembly
Pressure regulation	Included in assembly
Volume regulation	Included in assembly
Maintenance	4,000 to 2,000 hr head maintenance intervals 20+ year service life
Dimensions	Width: 224cm / 88in. Length: 417cm / 164in. Height: 234 / 92 in.

EXAMPLE SYSTEM LAYOUTS

Typical system components and process flow for Delivery and Site Production supply models. We may recommend alternative layouts depending on your site-specific requirements.



GILBARCO VEEDER-ROOT IN PARTERSHIP WITH ANGI

Our mission is to build cleaner, more sustainable mobility of the future. Our commitment is to supply the world with the infrastructure needed to accelerate the transition to a zero-carbon future is brought to you by two industry leaders in global mobility.

VONTIER
ENABLING THE WAY THE WORLD MOVES™



40 years' experience in the design and manufacture of full-site solutions for compressed gases, including CNG, RNG, and hydrogen.



150+ years' experience in refuelling station technologies and services throughout the world.

Part of the Vontier group of businesses united by a powerful purpose: mobilizing the future to create a better world.

Our hydrogen dispensing systems are part of our turnkey hydrogen refuelling station (HRS) solution, and are built on our legacy of industry leading dispensing solutions for commercial and retail applications. A product of the quality engineering that is our signature and trusted by thousands of clients worldwide, our hydrogen dispensing systems are designed to provide a 'comfortably new' hydrogen refuelling experience, by combining familiar design, with the latest modern technology for the best end-user experience.

Ready to join the H2 revolution?

Speak to our dedicated hydrogen solution specialists



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hydrogen.sales@gilbarco.com



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