

High pressure mobile hydrogen filling station for cost-effective supply solutions



If you need hydrogen at multiple points within your facility or are experiencing high distribution costs on your gaseous hydrogen deliveries, you can save time and money with the Air Products Express Services (APEX) proprietary Mobile Cryogenic Hydrogen Compressor (CHC) system.

When your facility has an urgent or cyclical gas supply need and there is not enough time to install multiple gas receiving locations, turn to Air Products' patented Mobile Cryogenic Hydrogen Compressor (CHC) system. It can provide the versatility to connect directly to your house-line and supply gaseous hydrogen to your operation, or it can serve as a mobile transfill system and fill gas tube trailers on site. This unique approach can help solve many of the challenges associated with large volume gas trailer campaigns that you might encounter. Our Mobile CHC has higher pressure and flow capabilities than other systems available in the market. With this compressor, you can take advantage of several key features, including:

- Single fill location at your facility
- Ability to convert liquid to gaseous hydrogen, up to 5 million scf/day
- Pressure up to 5000 psi
- Dedicated on-site supply to virtually eliminate supply chain interruptions associated with deliveries from off-site filling locations; tube trailers can be refilled on site
- Ability to adjust flow rate to meet changes in your demand
- Capability to fill up to 16 tube trailers in a 24-hour period
- Professional, experienced on-site technicians dedicated to managing your supply chain activities from start to finish

Key Benefits

The Mobile CHC provides significant operational efficiencies, including:

- Improved site safety management
- Use of existing infrastructure and utilities
- Zero capital investment
- Lower distribution costs
- Increased reliability

The Air Products Advantage

As the world's largest producer and supplier of merchant hydrogen, our widespread network allows us to supply short-term hydrogen when and where you need it. In the early 1960s, we pioneered the use of large volumes of hydrogen for the space program in collaboration with the U.S. Air Force, and we developed the concept of liquid hydrogen pumping systems in the 1970s. For over 40 years, customers have come to rely on our spot hydrogen service for safe, reliable, fast and flexible temporary supply of high-quality hydrogen for their planned and unplanned needs—saving them time and money.

For more information:

If you have an urgent or cyclical hydrogen gas supply need, look no further than APEX Services' Mobile Cryogenic Hydrogen Compressor system. To place an order or learn more about how APEX Services can help you maximize operational efficiencies, call our experienced team of customer service representatives and technical specialists **24/7/365** at **1-800-APEX-GAS (1-800-273-9427)**.

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Turn to our advanced hydrogen compressor system for safe, cost-effective, and reliable hydrogen supply to keep your operation online and productive.



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airproducts.com/apex