

TFS-1300

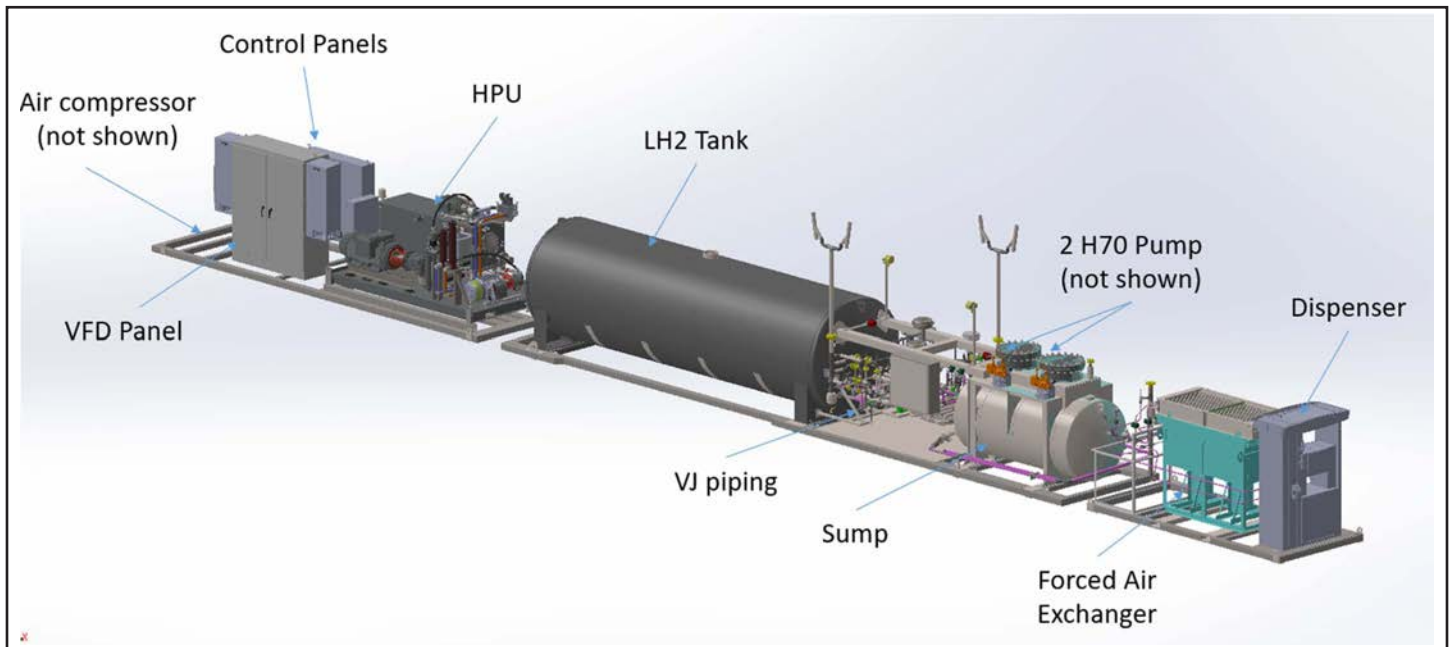
TRANSPORTABLE HYDROGEN FUELING STATION

HYDROGEN FUEL STATIONS

Chart offers a wide variety of stations from small, self-contained stations to large custom stations that provide hydrogen dispensing for any size vehicle fleet. Our liquid-to-gas hydrogen fuel stations utilize direct fill technology that eliminates the need for large and expensive buffer storage tubes. The cryo-pumps, originally developed by Chart, offer long service intervals and are located in an external sump to minimize heat ingress and ease serviceability. The fuel station controls designed by Chart provide the operator simple and safe access to the hydrogen fueling process.



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TRANSPORTABLE HYDROGEN FUELING STATION

CHART HYDROGEN FUELING ADVANTAGE

One-Stop Complete Service

- Pre-bid assistance in sizing station, station design and site selection
- Assist in obtaining permitting and regulatory approvals
- Supervise and install, test and debug, and assist in a station's early operations
- Monitor station's performance and status remotely
- Service personnel stationed in key markets

From Design to Commissioning

Chart has an engineering and sales staff able to assist with station design, operation and maintenance. We will help you set up the design and functional specifications for the station as well as provide installation, commissioning and training.

TFS-1300 SPECIFICATIONS

- Entire fuel station on 3 skids
- 5200 gal (1300 kg) LH₂ storage tank
- 600 gal sump containing (2) H70 cryo-pumps
- Designed in accordance with NFPA 2
- Meets SAE J2601 filling protocol targeting H70 T40
- Capable of 70+ g/s flow rate per sump (limited to 60 g/s per SAE J2601)
- Able to fill H35 or H70 vehicles with dual-hose dispenser option

