

mHRS

Mobile Hydrogen Refueling Station



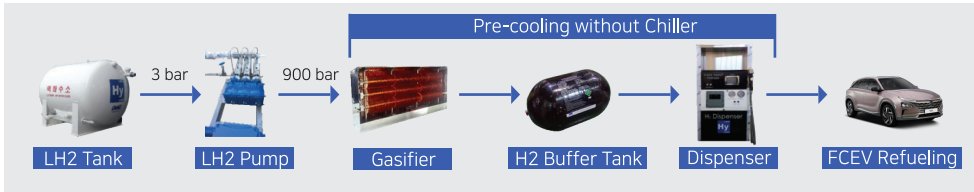
Product description

Hylium Industries' mHRS is the world's first mobile liquid hydrogen refueling station. The mHRS was created to increase charging station availability for FCEVs and support the growing hydrogen infrastructure.

Features

- Carries up to 2,500L of 3 bar low-pressure liquid hydrogen in a 5-ton truck
- 800 bar liquid hydrogen pump
- Hydrogen gas fueling charging time, 1 minute/6kg
- 99.999 % high-purity hydrogen fueling
- Transportation and operational expense reduction with the no compressor, no chiller
- Low CAPEX & OPEX

Hydrogen refueling process



Gas VS Liquid Hydrogen refueling comparison table

	GH2 HRS	LH2 HRS
Storage tank pressure	900 bar	2-3 bar
Power consumption (LH2 pump to compressor)	100% consumption	30% consumption
CAPEX ratio	100%	55%
Filling type	Indirect	Direct