

# HYDROGEN ON-DEMAND

HYDROGEN VIRTUAL PIPELINE TRAILERS FOR POWER  
GENERATION, TRANSPORTATION & MOBILE STATIONS



Innovative, High-Capacity  
Hydrogen Mobile Pipeline Trailer



# Hydrogen Virtual Pipeline

## Innovative Transport Trailers for Hydrogen

Quantum's hydrogen virtual pipeline trailers enable the distribution of a clean energy solution. If you need hydrogen blending for power generation, utility hydrogen blending, fuel cell power generation or hydrogen filling stations virtual pipeline trailers can be part of the solution.

We've combined our 20+ years of experience with hydrogen and our industry-leading virtual pipeline trailers to bring to market our new hydrogen virtual pipeline trailer.

All transport trailers are equipped with Quantum's signature Q-Lite™ high pressure tanks.

Description	VPLite-H <sup>45/40ft</sup>	VP5000-H
Number of Tanks	41 x 107 4 x 102	46 x 107 5 x 102
Water Volume	44,400 L	50,292 L
Operating Pressure	3,600 psi (248 bar)	5,000 psi (345 bar)
Gas Mass	803 kg (1,771 lb)	1,195 kg (2,634 lb)
Empty Weight	35,894 lb (16,281 kg)	49,047 lb (22,247 kg)
Full Weight	37,665 lb (17,085 kg)	51,681 lb (23,442 kg)
OVERALL DIMENSIONS		
Trailer Length	40 ft (12 m)	45 ft (13.72 m)
Trailer Width	8.33 ft (2.54m)	8.33 ft (2.54m)
Trailer Height	13.42 ft (4.10 m)	13.42 ft (4.10 m)

### Quantum's hydrogen virtual pipeline trailers

- VP5000-H Gas mass of 1,195 kg at 5,000 psi
- VPLite-H<sup>45/40ft</sup> Gas mass of 803 kg at 3,600 psi
- Single small door – simple access for all operations
- Simple single manifold – easy fueling and defueling with step-by-step directions
- Backed by Quantum's best-in-the-industry service support and technical assistance

