

ONEH2 930 BAR TECHNOLOGY

UNLOCKING THE FUTURE OF HYDROGEN FUELING

Pacific Clean Fuels is transforming hydrogen fuel distribution in California with OneH2 Hydrogen Trailers and Mobile Fuelers—bringing clean energy directly to fuel cell equipment and transportation.

THE HYDROGEN ECOSYSTEM

Mobile fuelers and hydrogen trailers are vital to the zero-emission energy supply chain. Starting in Q4 2025, OneH2's Bakersfield, CA hub will produce 2,000 kg of hydrogen daily, with plans to scale to hundreds of tpd. Using OneH2's 930-bar technology, we'll safely distribute hydrogen along the I-5 corridor, reaching as far north as Stockton to support clean transportation and industry.

HOW THE HYDROGEN ECOSYSTEM WORKS

PRODUCTION:

Bulk hydrogen is produced at a centralized hub in Bakersfield, CA. Bulk hydrogen is transported to regional terminals.

TERMINALS AND DISTRIBUTION:

Regional terminals receive hydrogen, for local distribution and vehicle fueling.

FUELING INFRASTRUCTURE:

Local hydrogen transport via 930 bar technology can provide efficient support for onsite fueling with no additional infrastructure.

END-USE APPLICATIONS:

Powering fuel cell vehicles and industrial operations.

ONEH2 HYDROGEN TRAILER BENEFITS

Take control of your hydrogen supply chain—cut out third parties and boost reliability and efficiency.



COST SAVINGS

Reduce fueling costs drastically by bringing hydrogen to your fleet directly.



FLEXIBILITY

Mobile fueling for on-site or remote locations.



SCALABILITY

Supports fleets of all sizes, from pilot programs to full-scale operations.



EMISSIONS REDUCTION

Hydrogen trailers are a regulation-compliant solution for achieving sustainability goals.



ONEH2 TRAILERS: MODULAR, HIGH-PRESSURE STORAGE & TRANSPORT SOLUTIONS

OneH2's 930 Bar Trailers use a modular system with three Type IV cylinders per carrier, each holding 80 kg of hydrogen at 13,500 psi, allowing scalable payloads to fit your operational needs.

BENEFITS & FEATURES:

- » **Ready to Use on Delivery** – No additional compression or processing required.
- » **Reduced Waste & Storage Costs** – Efficient 930 bar storage minimizes excess.
- » **Convenient & Portable** – Flexible fueling solutions in a smaller storage footprint.
- » **Interoperability** – Designed to connect directly with 350 or 700 bar hydrogen dispensers.
- » **Maximum Pressure** – Operates at 930 bar / 13,500 psig max working pressure for increased efficiency.



T480

Largest trailer, built for heavy-duty tractors and H400 generator pairing.

- » Capacity: 480 kg (6 carriers)
- » Size: 53' L x 8'6" W x 10' H
- » Weight: 59,000 lbs
- » Tow Class: 8



M240

Mid-sized mobile fueler balancing payload and maneuverability.

- » Capacity: 160 kg usable H₂
- » Compatible with 350/700 bar dispensers
- » Max pressure: 930 bar / 13,500 psig
- » Tow Class: 8



M400

Largest all-in-one mobile fueler for fleet refueling.

- » All-in-One hydrogen storage, transport, and portable refueling station
- » Tow Class: 8
- » Designed for fleet refueling in a single trip
- » Premium Multi-Layer Safety System

Our systems offer advanced safety features, including FM-approved flame/gas detectors, remote E-stops, gas alarms, and more. For the full list of safety features, visit our website at pacificcleanfuels.com

COMPREHENSIVE SERVICE & SUPPORT

When you purchase a OneH2 hydrogen trailer, you get more than cutting-edge hydrogen technology; you gain access to industry-leading service and support directly from OneH2, including:

- » Ongoing maintenance and technical support.
- » Training for safe and efficient operations.
- » Direct access to OneH2's hydrogen infrastructure expertise.

LEARN MORE!

Unlock the potential of your hydrogen fueling strategy with OneH2's trailers and mobile fuelers. Contact Pacific Clean Fuels today to explore tailored solutions for your needs!

- » Email us at: info@pacificcleanfuels.com

