

Hydrogen distribution systems

OUR PURPOSE

Driving energy transformation

X-STORE® transport modules with Type 4 composite light-weight design cylinders are the most efficient gas transport and storage systems available worldwide. They are used for the transport of compressed hydrogen or as ground storage solutions in modules with 250, 300 and 500 bar. Flexible sizes range from 10 ft up to 45 ft.

X-STORE® TRANSPORT MODULES

Lightweight high-pressure systems for hydrogen storage & distribution

- **Cost-effective** – Largest transport capacity worldwide to reduced total cost of ownership
- **Modular & flexible** – Flexible sizes ranging from 10 ft to 45 ft available as standard modules for industrial clients as well as for mobile refueling systems with cascade technology for refueling stations
- **Safe and reliable** – All Hexagon Purus X-STORE® modules are designed with safety in mind. We conduct extensive testing of the modules and their safety systems to ensure that people operating and working near our modules remain safe.

BENEFITS

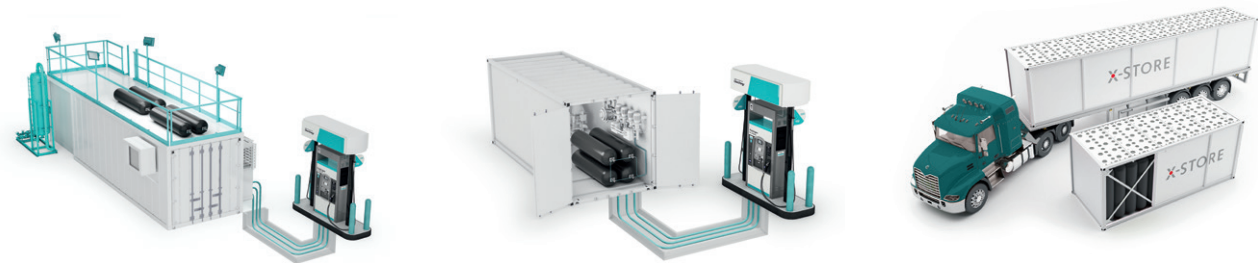
Lightweight hydrogen storage solutions for mobile and stationary applications

Since the introduction of fuel cell vehicles is driving the demand for hydrogen refueling stations (HRS), we have been expanding our portfolio by offering innovative ground storage solutions for hydrogen. The fatigue-resistant cycling properties of our composite pressure cylinders make them more suitable for storing hydrogen than metal alternatives.

We offer flexible and customized ground storage solutions suitable for floor, wall and roof installation. Our cylinders are either mounted in a container behind the HRS, or on the roof. Alternatively, our X-STORE® container solution may also be used as an option for ground storage.

Benefits

- High cycle performance and fatigue-resistance
- Flexible installation (floor, wall, roof)
- Easy to handle and maintain
- Non-corroding
- No strong foundation required
- Compact solution by offering complete storage systems
- Extendable and modular for future upgrades of the station



Long life time

The fatigue-resistant and corrosion-free properties of our composites pressure cylinders make them more suitable for storing hydrogen than metal alternatives.

Extendable and modular

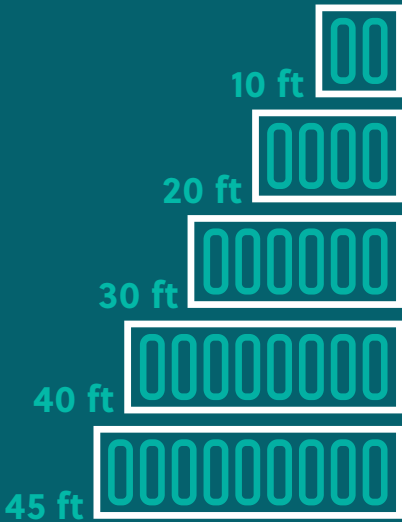
We offer the complete storage system, either roof-, wall- or top-mounted, which is extendable and modular for future upgrades of the station.

Flexible and customized

Our X-STORE® container modules can also be used as ground storage module.

Fits with every container

In order to complete the hydrogen infrastructure, our X-STORE® transport modules deliver the hydrogen from the production sites to the filling stations as well as to industrial clients.





Hexagon Purus locations

Norway / Germany / Canada / USA / Singapore / China

- | | |
|--|---|
| 1. Hexagon Purus ASA
Korsegata 4B
6002 Ålesund, Norway | 5. Hexagon Purus Masterworks
86 York Street, Suite 4
Taneytown (MD), USA |
| 2. Hexagon Purus GmbH
Otto-Hahn-Straße 5
Kassel, Germany | 6. Hexagon Raufoss
Raufoss Industrial Park, b.306
Raufoss, Norway |
| 3. Hexagon Purus Systems Canada Ltd.
460 Doyle Avenue, #101
Kelowna (BC), Canada | 7. Hexagon Purus Singapore
350 Orchard Road #11-08, Shaw House
Singapore |
| 4. Hexagon Purus Systems USA LLC
3335 Susan Street, Suite 100
Costa Mesa (CA), USA | 8. Hexagon China
DRC Liangmaqiao Diplomatic Office Building
Tower D1, Unit 1201C, 19 Dongfang East Road,
Chaoyang District, 100600 Beijing, P.R. China |