



FABRUM.  
**LIQUID HYDROGEN  
STORAGE**

# LIQUID HYDROGEN STORAGE

Fabrum's liquid-hydrogen storage solutions are founded on two decades of experience building cryogenic storage vessels for the superconducting-magnet sector. Fabrum are a world leader in the deployment of liquid hydrogen generation and refuelling infrastructure and understand the requirements of low-temperature liquid storage and hydrogen safety standards.

Fabrum provides liquid hydrogen storage with capacity to meet the needs of any hydrogen project from 10 kg to in excess of 4000 kg. Interfaces are available for high-flow liquid transfer/dispensing, liquid to high-pressure gas (vehicle fuelling), and liquid to gaseous feed (fuel cell delivery). Storage systems incorporate Fabrum proprietary technologies for optimum boil-off-gas management.

With many years of precision engineering experience, Fabrum can customize an optimised liquid hydrogen storage solution to meet your specific needs.



## APPLICATIONS

- Hydrogen refuelling stations
- Energy storage
- Liquid hydrogen transport
- Green-powered charging stations



## INDUSTRIES

- Hydrogen refuelling
- Mining
- Aviation
- Heavy transport
- E-vehicle charging



## KEY BENEFITS

- Zero-loss systems
- Boil-off-gas management
- Multiple delivery systems
- Certified to global hydrogen safety standards

## Fabrum's Onboard Tank Storage delivers these attributes:

- |  |   |
|--|---|
| <b>01</b> Standard sizes from 10 kg to >4000 kg  | <b>04</b> High-flow liquid transfer/fuelling              |
| <b>02</b> Customised storage solutions   | <b>05</b> Feed to fuel-cell generator                     |
| <b>03</b> All systems incorporate Fabrum's proprietary boil-off-gas management systems | <b>06</b> High-pressure gas delivery for vehicle fuelling |

# Experience and Innovation Redefined: Fabrum's Liquid Hydrogen Tank Technology





“We operate at the bottom of the world but we perform at the top of it; and this is just the beginning of our story.”



**Mission Critical Solutions.**

Providing world leading solutions in engineering and cryogenic technology. Clever Solutions for a Better Future.

**NEW ZEALAND**

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