LUXFER
GAS CYLINDERS

Specification Sheet:

Luxfer G-Stor® Pro Bundles



More hydrogen. Lower total cost. Next-generation performance.

We're constantly innovating to deliver advanced hydrogen storage and transport solutions that improve efficiency, reduce cost, and support our customers in the energy transition.

Next-generation, lightweight, high-capacity hydrogen storage solution

The **Luxfer G-Stor® Pro Bundle range** represents a next-generation, lightweight, high-capacity hydrogen storage solution—engineered to minimise footprint, logistics, and cost while maximising hydrogen payload.

Built around our proven **G-Stor® Pro Type III cylinder technology**, these modular high-pressure bundles enable greater hydrogen capacity within a standard footprint—reducing the cost per kilogram transported and improving operational efficiency.

Designed for robustness and versatility, each bundle is housed within a **lightweight, high-strength frame**, making it ideal for demanding transport applications. Optional features include **custom branding panels** and **top-mounted lifting and stacking systems,** enabling full flexibility to meet operational requirements.

The result is a **compact, scalable, and cost-effective hydrogen distribution solution**, supporting applications across mobility, industrial gas supply, and emerging hydrogen markets.

Product Range

Product Name	Maxiumum Working Pressure	Total Weight Excluding H2	Hydrogen Capacity in kg
W205 350 Bundle	350 bar	1390 kg	43.86 kg
W205 450 Bundle	450 bar	2000 kg	65.5 kg
W322 350 Bundle	350 bar	2182 kg	69 kg

Key features

- **High-capacity cylinder technology** (G-Stor® Pro Type III)
- **Stackable and craneable design** for efficient handling
- **Optimised footprint** for transport and storage
- **Lightweight structural frame** for easier logistics
- **Modular configuration** for scalable deployment
- **Optional customisation** (branding panels, lifting systems)

Benefits

- **High-capacity** Less movements, fewer refills
- **Low Footprint** Lower deployment costs, compact storage
- **Lightweight** Reduced logistics costs, compatible with smaller vehicles
- **Safe** Fewer connections and leak points for improved safety

Why Luxfer Bundles?

- Store **more hydrogen in less space**
- **Improve delivery efficiency** and turnaround time
- Reduce **total cost of ownership**
- Enable **flexible, scalable hydrogen distribution**

Ideal use cases for G-Stor Pro:

- Fuel storage for H2 Gen sets and Fuel Cell power packs
- Temporary power / Backup Power
- Construction sites & Highway maintenance
- Film/TV productions
- Sporting events and festivals
- Light duty fuelling of vehicles & drones