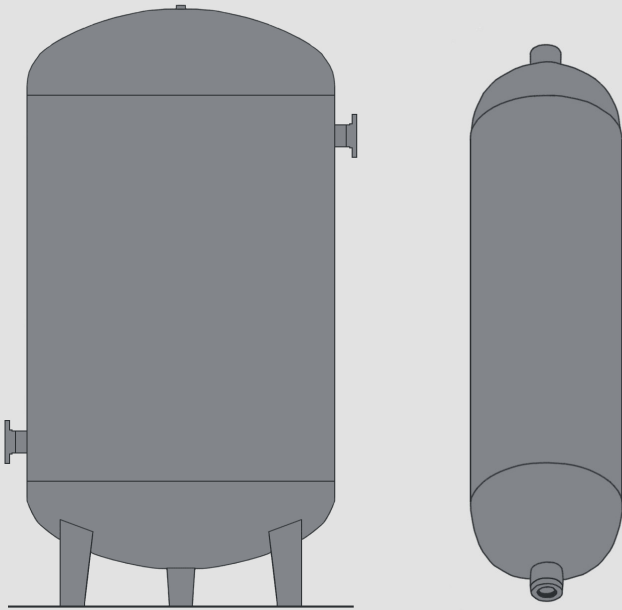


HYDROGEN REFUELLING

LOW & HIGH PRESSURE STATIONARY STORAGE

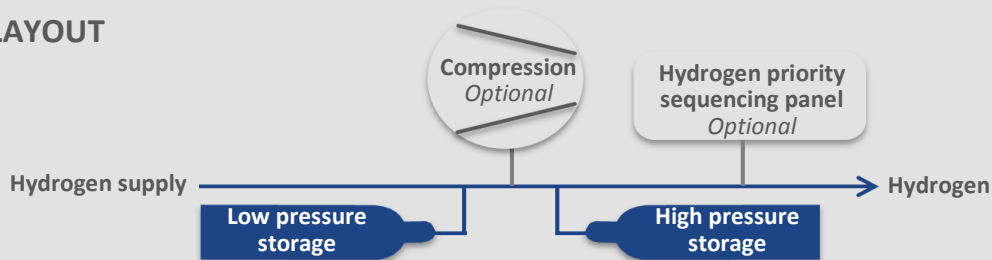


H2 Logic supply low and high pressure storage vessels for stationary storage of hydrogen with a wide flexibility in both storage pressure and capacity. All vessels are third party certified according to safety regulations. Hydrogen priority sequencing panel for controlling flow to/from high pressure storage can also be provided as well as hydrogen compressors. H2 Logic offers a complete solution including installation, handling of local approval process as well as a full service package.

MAIN FEATURES & OPTIONS

- Low pressure storage (6-60bar)
- High pressure storage (200-1000bar)
- Hydrogen priority sequencing panel
- Hydrogen compression (0-1000 bar flexible capacity)
- Handling of installation & authority approval process
- Third party certified according to safety regulations
- Full service package

SYSTEM LAYOUT



TECHNICAL SPECIFICATIONS

	LOW PRESSURE	HIGH PRESSURE
Storage pressure (range)	6/12/16bar up to 60bar	200/300/330/450/480/850/875 up to 1000bar
Storage volume (range)	50-60.000 litres	20-200 litres
Type	Steel , type 1	Steel liners, composite (type 1-4)
Diameter (range)	400-2.500 mm	200-450 mm
Length (range)	600-40.000 mm	1200-12.000 mm
Operating temperature (range)	-40°C + 65°C	-40°C + 65°C
Placement	Vertical / horizontal	Horizontal
Approvals (options)	PED (97/23/EC) / EN10204 / AD 2000 HP511	PED (97/23/EC) / EN10204 / TPED (99/36/EC)
Surface & colour	White or other colour, corrosion class 3-5 /L-H	White or other colour, corrosion class 3-5 /L-H
Other/options	Optional hydrogen priority sequencing panel for controlling flow to/from high pressure storage	
	Optional compressors (0-1000 bar) for compressing hydrogen into high pressure storage	
	Optional handling of installation & authority approval process	
	Optional full service contract	

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Hydrogen Fuel Cell Motive Power Solutions