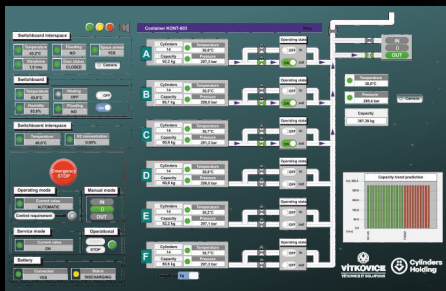




Cylinders Holding

SMART SOLUTIONS FOR HYDROGEN TRANSPORT AND STORAGE



84x

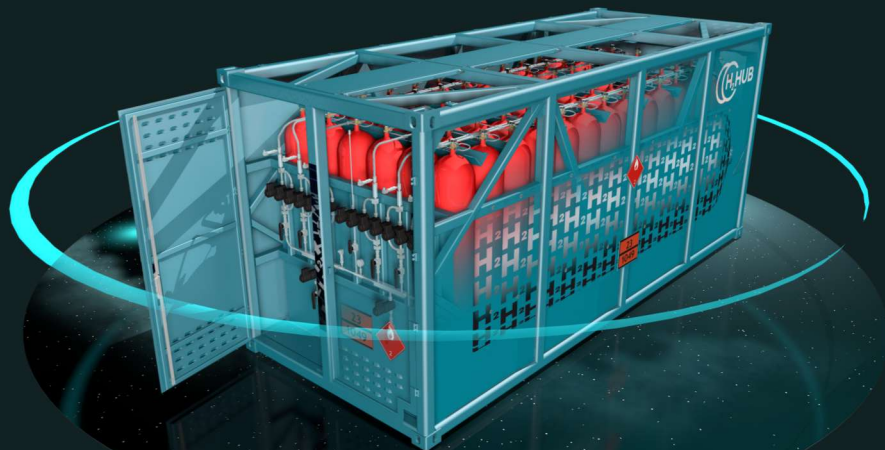
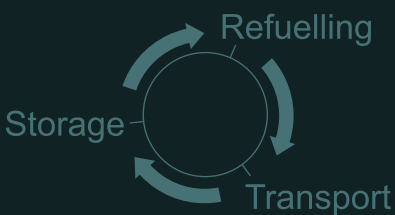
300 BAR

Container MEGC - Hydrogen

The MEGC (Multi Element Gas Container) is designed as mobile or stationary device for transport, storage and distribution of hydrogen. It is certified for inland and international road transport (ADR), rail (RID), without need to transfer medium to another vessel.

Specification:

Container classification acc. ISO 668	1CC
Dimensions (L x W x H)	6 058 x 2 438 x 2 591 mm
Weight (GROSS)	26 515 kg
Water volume	13 944 L
Medium	Hydrogen compressed UN 1049
Max. working pressure	300 Bar
Max. volume of the H ₂	315 kg
Stacking	up to 8 pcs
Cylinder valves	manual/electrically controlled (optional)



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VOLUME
240L

200 BAR

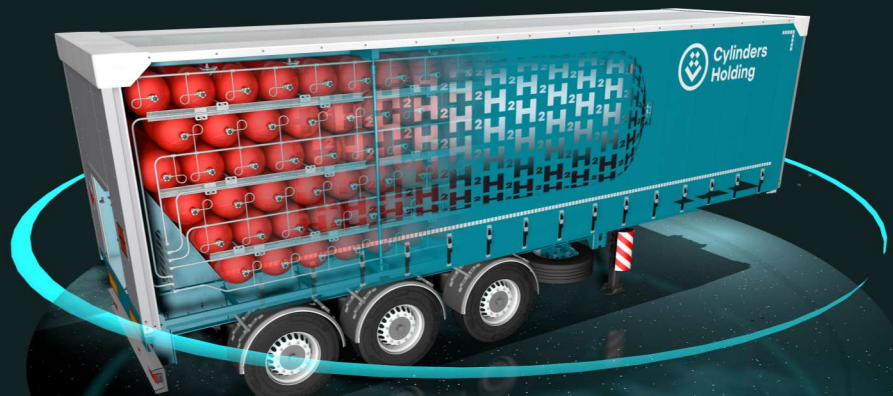
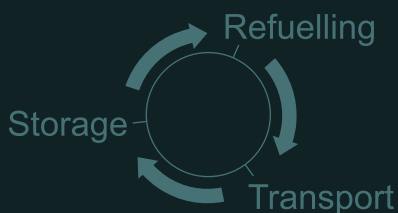
125x

Hydrogen trailer for 500 kg H₂

New type of trailer – battery vehicle. It has much higher transport capacity than the current solutions thanks to new innovated pressure vessels and the construction.

Specification:

Maximum allowed weight	44 t	40 t
Dimensions (L x W x H)	9 450 x 2 500 x 3 600 mm	
Trailer weight	35 t	32 t
Water volume	30 000 L	26 880 L
Medium	Hydrogen compressed (H ₂) UN 1049	
Max. working pressure	200 Bar	
Max. volume of the H ₂	up to 500 kg	up to 430 kg
Safety devices	temperature fuses, safety valves	
Certifikation	TPED 2010/35/EU and ADR 2021	



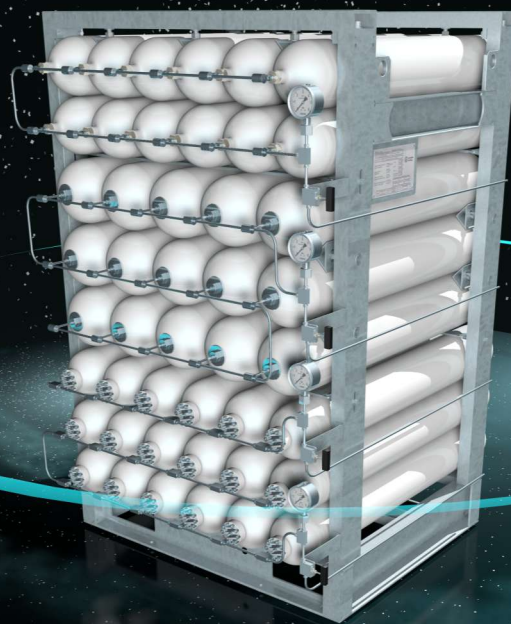
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SOLUTIONS FOR HYDROGEN TRANSPORT AND STORAGE

45x

100 - 1 000 BAR



Stationary H₂ bundles (PED)

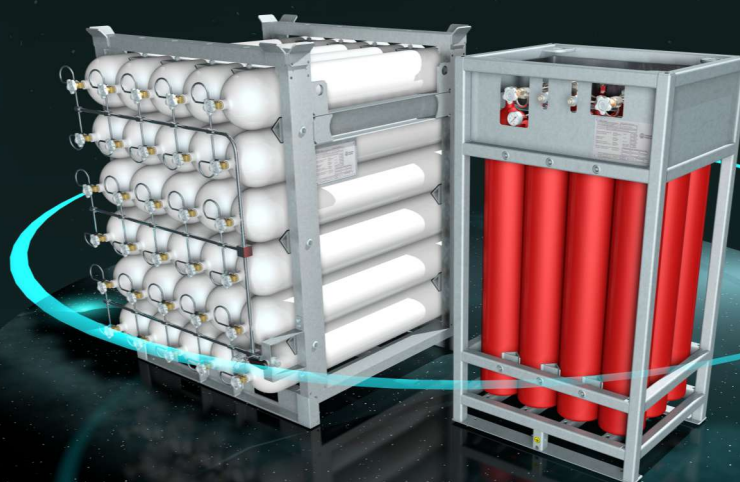
Water Capacity [L]	Working Pressure [bar]
300 - 20 900	200
600 - 19 140	250
600 - 17 400	300
2 400 - 3 750	330
450 - 7 200	500
420 - 4 095	1 000

Transportable H₂ bundles (TPED)

Water Capacity [L]	Working Pressure [bar]
600 - 2 400	200
600 - 800	300
800	500

3 - 95x

100 - 1 000 BAR





Cylinders Holding



80x

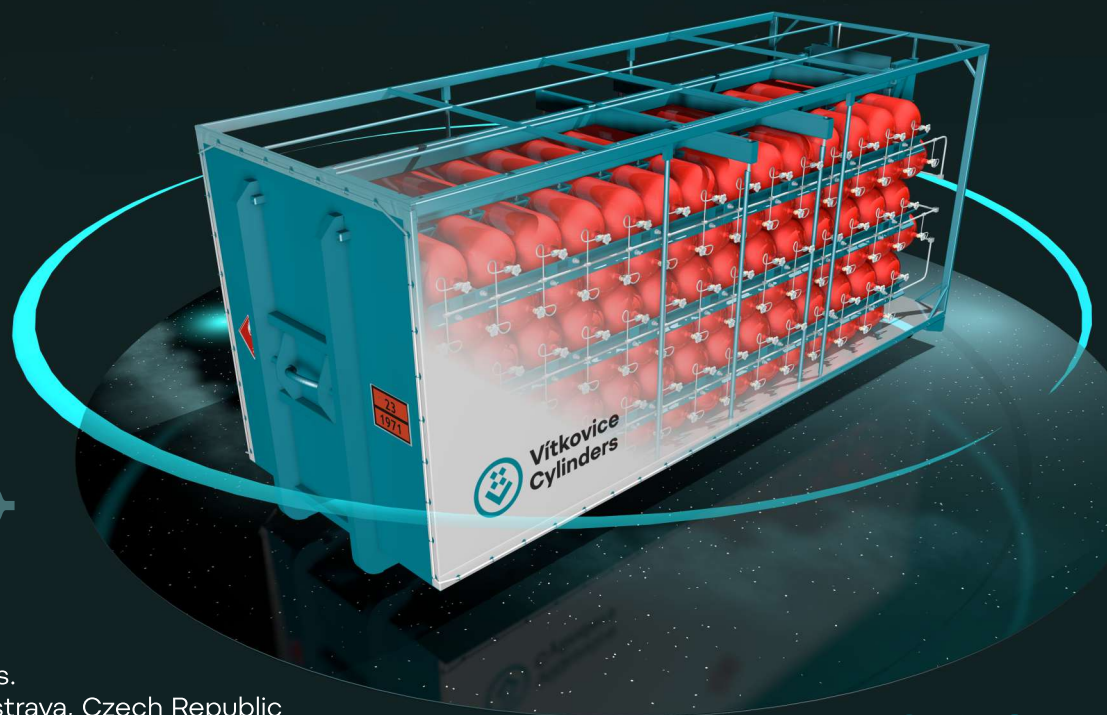
100 - 1 000 BAR

Vessels and cylinders - extruded from billet

Water Capacity [L]	Outer Diameter [mm]	Working Pressure [bar]
5 - 15	140	200 - 300
25 - 50	229	200 - 1 000
50 - 85	267	200 - 550
80 - 115	320	200 - 500
100 - 210	360	100 - 330
120 - 265	406	100 - 220

Vessels from tubes

Water Capacity [L]	Outer Diameter [mm]	Working Pressure [bar]
50	220	500
50	229	1 000
135 - 285	324	500



80x

100 - 1 000 BAR

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