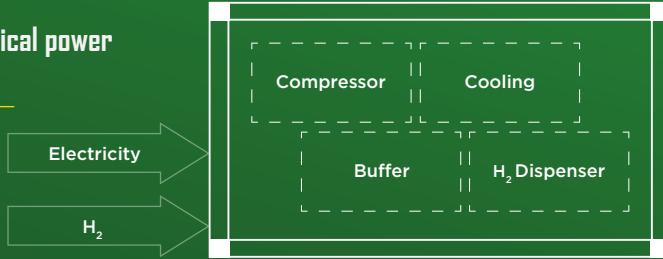


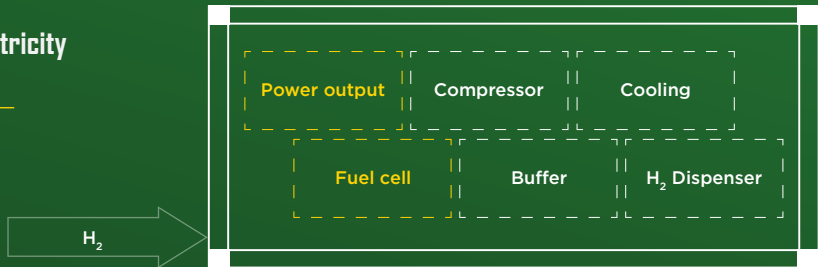
WH₂ All-In-One Station

The universal hydrogen refueling system for all common vehicle types (cars, trucks, buses, construction machinery ...)

Container 20'
with external electrical power
connection



Container 30'
with integrated electricity
production



available at
short-notice

The WH₂ All-In-One Station is the optimal solution to quickly implement the hydrogen supply network for cars, buses and trucks while keeping investment costs low at an early stage of the energy transition to the hydrogen economy where the number of vehicles on the road is still limited.



self-sufficient

The basic solution consists of a 20-foot container supplied by an external hydrogen tank and powered by the external 400 V electrical grid. The complete 30-foot solution additionally includes an integrated fuel cell system for internal power generation. This makes the mobile station **independent of the external grid.**



timely ROI

This approach allows the mobile station to be **commissioned without any permits** wherever hydrogen refuelling is required quickly. This solution is also offered as a demo model or as a leasing solution.



H₂ dispenser

Refueling equipment	designed for T20 at 35MPa and for T40 at 70 MPa
Display	integrated
Authentication	RFID
Remote access	integrated router
Ambient temperature	-20 °C bis +40°C

Buffer storage

Medium pressure storage system	450 bar
High pressure storage system	900 bar
Attachment	integrated in the container

Container

Dimensions	<p>20' with external power connection: power requirements 60KW</p> <p>30' with own electricity supply (fuel cell): power output 50KW</p>
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H₂ compressor station

Compaction performance	up to 8kg per hour
Inlet pressure	40-300 bar