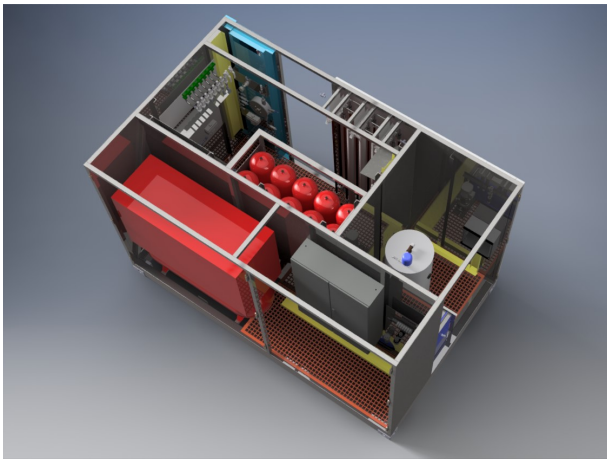
H2Tec limited

H2Baby

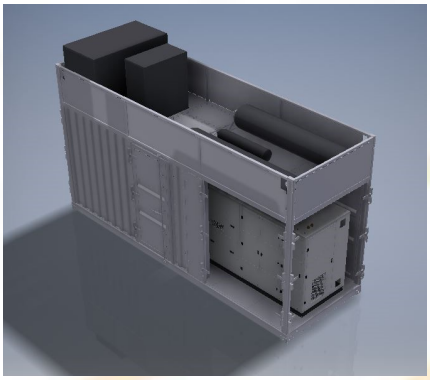
PACKAGED HYDROGEN VEHICLE REFUELLING STATION



H2Tec's H2Baby is a highly versatile hydrogen refuelling station for hydrogen vehicles. It uses supplied hydrogen, or a local electricity supply, and compresses, stores and dispenses hydrogen providing a flexible transport fuel system.

The unit is equipped with a hydrogen inlet and valving arrangement to connect to either stationary storage such as manifolded cylinder packs (MCPs) or mobile trailered hydrogen units with easy connecting and line purging functionality.

H2Baby has an ISO container footprint (12' by 8') and 2.65m (8'8")height allowing it to be easily transported. This design also removes the need for extensive site works keeping installation time to a minimum.



H2Baby is supplied in a combination of options to accommodate individual requirements. The normal provision includes compression to 45MPa, on board HP storage, dispensing for 35MPa refuelling. In addition, a electric vehicle charge point can be provided and, if on site hydrogen production is required, the H2Key can be deployed.

TYPICAL SPECIFICATION:

Hydrogen compression:	Up to 100kg of H_2 per day - sufficient to support 300 passenger vehicles*
Onboard storage capacity:	~0.8Nm³; ~25kg @ 45MPa (450barg)
	Refilling pressure 35MPa (350barg)
Dimensions:	2438mm wide, 4000mm long, 2656mm high

UTILITIES REQUIRED:

Ground works:	Level supports at four corner to support 1 tonne minimum at each corner
Electricity:	25kVA 400V TP&N
Earth point:	Two at opposing corners (<10Ω at each point)
Inert gas:	Oxygen Free Nitrogen @8barg (can be from cylinder)
Calibration gases:	Various in cylinders

For further information please contact Bill Ireland on 0131 523 1414 or 07452 90 81 90
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*Assuming average mileage for a passenger vehicle of 12,000km per year and 100km/kg of hydrogen.