



H2-Z003R11  
**H2 Filling station**

The H2 filling station enables the refueling of gaseous hydrogen from up to 4 different H2 storage tanks (cylinder bundles). The filling process is simple and uncomplicated, it can be started quickly and runs automatically. Depending on the pre-pressure in the H2 storage tanks, a vehicle can be refueled up to a maximum of 300 bar.



*The actual product may differ slightly from the image.*

**Standard version**

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- Paint: blue-anthracite

**Special features**

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- Gas type: H2

## Advantages & functions

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### General information:

- Compliant with SAE J2601-4, ISO 19880-1, ISO 14687, DIL0 manufacturer specifications
- Electronic Control Interface: Siemens Touchscreen

### Electrical data:

- Electrical connecting cable:  $\geq 1,5$  mm<sup>2</sup> (AWG 15)
- Cable with plug 16 A
- Type of plug: AC/ 3-phase

### Pressure sensors:

- Measuring range: 0 - 400 bar

### Connection to the vehicle:

- 1x 3 m Hose with connection couplings to the vehicle TK16-H35. (Hose lengths and connection couplings can be specified individually)

### Gas supply:

- 4x hydrogen bundles, max. pressure 300 bar (gas and gas cylinders not included in the scope of delivery)

## Technical data

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Dimensions (W x H x D)	1,200 x 2,280 x 800 mm
Weight	250 kg (empty)
Sound level	< 85 dB
Ambient temperature	-20 to +40 °C
Ambient moisture	< 90 % r. h. non-condensing
Protection class	IP 65
Height	2000 m max. above sea level
Operating voltage	230 V AC
Frequency	50/60 Hz
Power	10 A max.
Input voltage	380 V max.
Inlet pressure	300 bar max.
Output pressure	290 bar max.
Pressure	350 bar max.

