

HYDROGEN

REFUELLING STATION (HRS)

ONE OF OUR MAJOR PROJECTS: DESIGNED FOR UNINTERRUPTED SUPPLY FOR PUBLIC BUSES WITH HYDROGEN



REDUNDANT

Essential components designed redundantly.



DYNAMIC

Up to 2 buses can be refuelled in parallel.



PERFORMANCE

Up to 4 vehicles within 30 minutes.

 **BOLZANO, ITALY**

**SUPPLIED VIA
MOBILE HYDROGEN
CONTAINERS**

HYDROGEN REFUELLING STATION (HRS)

Basic characteristics

Supply	2 logistic containers 340 kg, 300 bar, 20' and 2 sections
Compression	2 compressors, 10 bar – 500 bar, average performance 50kg/h each compressor
Internal storage	2 sections, 500 bar, totally 160 kg H ₂
Dispenser	2 units at 350 bar, designed for parallel and fast cooled refuelling

Performance data¹

Refuelling time	SoC 95% in 10 minutes
Back-to-back time	10 minutes
Parallel fuelling	Yes
Number of vehicles	Max 4 in 30 minutes

¹ These performance data are based on customer requirements. Faster fuelling times such as 6 minutes per vehicle and lower back-to-back time can be realised and are subject of design and investment.

