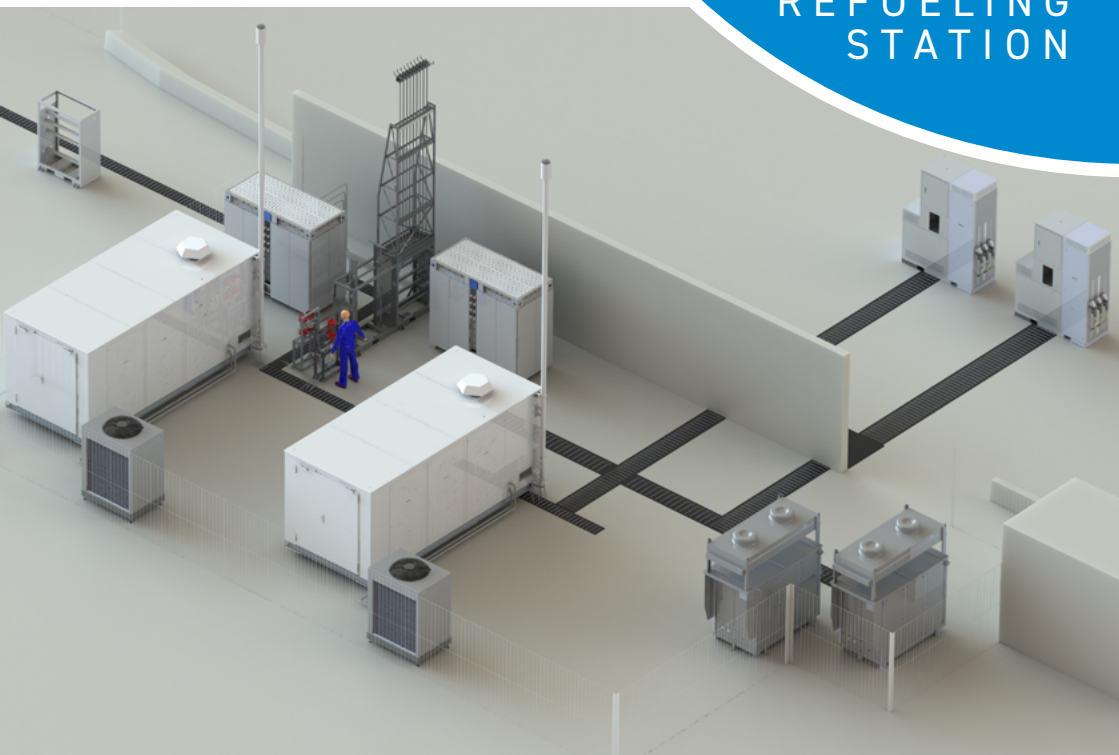




HYDROGEN REFUELING SOLUTIONS

HRS28

HIGH-CAPACITY HYDROGEN REFUELING STATION



28 kg H₂ / h

350 bar

700 bar

MAINTENANCE
OFFER



SAFETY

ISO 14687, EN 17124 and ISO 19880,
SAE J2601-1/-5 compliance



REDUNDANCY

100% compression redundancy
thanks to 4 high-pressure compressors



RELIABILITY

Developed on HRS14 proven design
deployed on +20 sites around the world



MODULARITY

Scalable if evolution of uses
(extra compression modules, storage...)

HRS28

TURNKEY OFFER: PRODUCTION + INSTALLATION + COMMISSIONING

Hydrogen source min. inlet compression pressure	On-site electrolyser, trailer 30 bar
Standard compression capacity (max)	28 kg / hour
Compatible vehicles	350 bar (35 Mpa) - 700 bar (70 Mpa)
Dispensers	2
Available nozzles	H35 – H35HF - H70
Refueling duration example ¹	
Light Duty (5 kg) 700 bar	3 - 4 min
Heavy Duty (30 kg) 350 bar 700 bar	10 - 20 min 20 - 30 min
Min. process area for installation (sqm)	250
Power needs (kW)	335
Inlet module H ₂ supply	1 (extra is optional)
High pressure compressors (950 bar)	4
High pressure storage buffers	2 (extra is optional)
High pressure storage (L)	3200
Compression and distribution chillers	Included
Data monitoring & control system	Included
Design + Production + Installation + Commissioning	Included
Maintenance (level 3/4, 24-hour on-call duty)	Optional
Payment solution	Optional
Customized flocking	Optional
Approval & Certifications	CE, CEP, DESP, ATEX

¹According to SAE J2601 and WENGER protocols

This document is for informational purposes only, specifications are subject to change.
Contact HRS for more information - Credit: Enable Production, Flaticon - February 2025



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