



HYDROGEN REFUELING SOLUTIONS

HRS14

300 KG H₂/DAY

TURNKEY REFUELING STATION



350 - 700 bar | HF

FULL SERVICE MAINTENANCE

24/7/365 in-house expert
engineers assistance

Real-time data monitoring
In-house control room

Preventive & corrective
maintenance 1/2/3/4

SAFETY

Proven and safe design
ISO 14687-EN 17124-IEC 61511-ISO 19880
SAE J2601-1/5 compliance

VERSATILITY ADAPTABILITY

Compatible with every type of H₂
Refuel every type of vehicles

RELIABILITY REDUNDANCY

Duplicated high pressure
compression

MODULARITY FLEXIBILITY

Solution adapted to uses with
optional additional storage

HRS14



MOBILE VERSION
ALSO AVAILABLE

TURNKEY OFFER: PRODUCTION + INSTALLATION + COMMISSIONING

Hydrogen source Inlet pressure (bar)		Electrolyser, trailer 32 500	
Compression capacity per hour (kg/hour)		14 kg/hour	
Distribution capacity per day (kg/day)		300 kg/day	
Dispensers		1 (additional is optional)	
Simultaneous refueling		Optional	
Light Duty fueling duration ⁽¹⁾	H70	3 - 4 min	for ~5 kg
Heavy Duty fueling duration ⁽¹⁾	H35 HF	8 - 12 min	for ~30 kg
	H70	25 - 35 min	for ~35 kg
	H70 MF	-	
	H70 TMF Toyota ⁽²⁾	-	
	H70 HF RHeadHy ⁽³⁾	-	
Process area (excluding H ₂ source)		100 - 250 m ²	
Active power		175 kW	
Compressor quantity		2	
Storage pressure level		HP (930 bar)	
Compression and distribution chillers		✓	
Data monitoring & Control System		✓	
Approval & Certifications		CE, PED, ATEX, CEP	
Payment solution (IFSF, OIML R139 compliant)		Optional	
Maintenance (level 1/2/3/4, 24-hour on-call duty)		On request	

(1) According to SAE J2601 and WENGER protocols. Masses given for information purposes only - (2) Twin nozzle refueling, joint development between HRS, Toyota Motor Europe and Engie - (3) Available in 2026 - The RHEADHY project received funding from the Clean Hydrogen Partnership under grant agreement no. 101101443 with backing from the European Union's Horizon Europe research and innovation programme. This document is for informational purposes only, specifications are subject to change. Contact HRS for more information - Credit: Sébastien Sassoulas - Nov. 2025



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