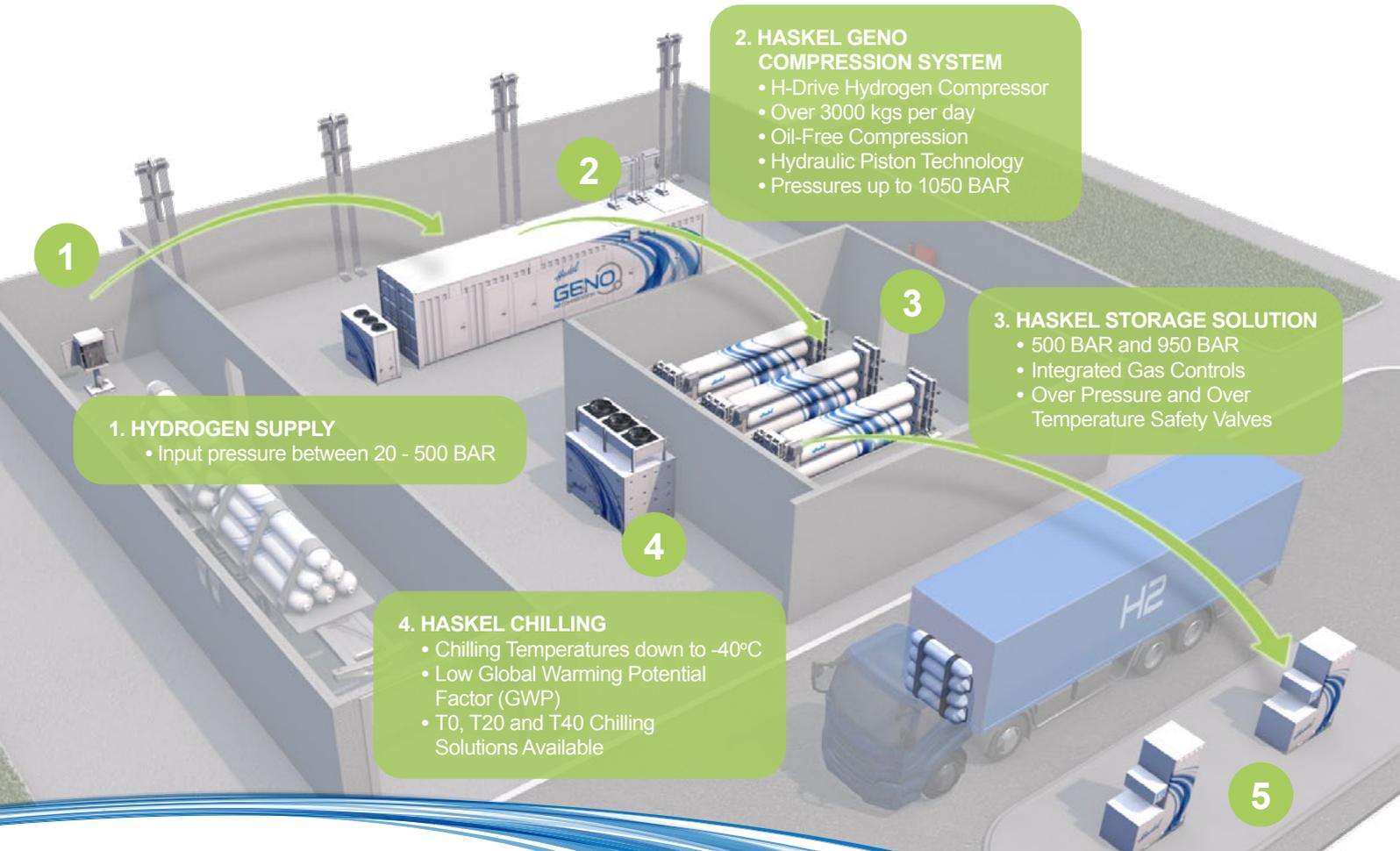


Supporting Global Refuelling Infrastructure for Hydrogen Mobility



- Modular & scalable solutions
- Safe & reliable technology
- Highly energy-efficient
- Fully compliant with J2601 refuelling protocols
- Convenient & easy filling experience

APPLICATIONS



Email: hrs@haskel.com

haskel.com

Delivering Under Pressure



COMPRESS STORE DISPENSE

	700 bar LDV Refuelling Solution	350 bar HDV Refuelling Solution	Dual Pressure Refuelling Solution
Hydrogen Compression System	HP500	MP500	HP1000
Inlet Pressure Range Bar (PSI)	25-500 (363-7251)	20-500 (290-7251)	25-500 (363-7251)
Nominal Mass Flowrate ¹ (kg H ₂ /day)	458	481	917
Maximum Mass Flowrate ² (kg H ₂ /day)	1122	2310	2245
Refuelling Application	H70 LDV up to 5kg ³	H35 LDV up to 30kg ³	H70 LDV up to 5kg ³ H35 LDV up to 30kg ³
Maximum Outlet Pressure (bar)	950	600	950
Frequency	1 LDV + recharge	1 HDV + recharge	1 LDV & 1 HDV + recharge
Fuelling Time (minutes)	3	6	3 (LDV) 6 (HDV)
Hydrogen Storage	1 x MP cylinder 3 x HP cylinders	4 x MP cylinder	4 x MP cylinder 3 x HP cylinder
Dispenser Specification	H70 T40 up to 60g/sec	H35 T20 up to 60g/sec	H70 T40 up to 60g/sec or H35 T20 up to 60g/sec
No. of Nozzles	1	1	2

¹ At 30 bar inlet pressure

² At an inlet pressure of ≥100 bar

³ Higher capacity fills are achievable



DESIGN



MANUFACTURING



TESTING



INSTALLATION & COMMISSIONING



SERVICE & MAINTENANCE

Haskel
An Ingersoll Rand Business