



Innovative fuelling solutions for a more sustainable World

Haskel Hydrogen Systems, provides Hydrogen Refuelling Solutions around the world. Building on its reputation of excellence in safety, quality and project execution.

Haskel continues to expand its Hydrogen product offering with the introduction of a range of standard Hydrogen Refuelling Stations offering cost effective reproducible solutions.

- 70 years Hydrogen experience
- Innovative compression solutions
- Energy efficient design
- Flexible Hydrogen supply
- Modular design with expandable capacity
- Contactless credit card payment systems
- Lower cost per kg Hydrogen dispensed

Standard Hydrogen Refuelling Station Datasheet

HEAVY DUTY VEHICLES & BUSES



PRODUCT PROFILE

Model Type	35MPa Refuelling Solutions	Geno B1200
Design output kg/Day		1,200 kg
Peak hourly capacity		200 kg
Quantity dispensed per vehicle		24 kg
Dispensing positions		2
Back to back fuelling profile		2 vehicles per position
Protocol		As required

DISPENSER OPTIONS

'E' Dispenser	•
Column Dispenser	•
Integrated Dispenser	•



Hydrogen
'E' Dispenser



Hydrogen
Column Dispenser



Integrated
Dispenser

FEATURES & BENEFITS

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Standard Hydrogen Refuelling Station Datasheet

LIGHT DUTY PASSENGER VEHICLES



PRODUCT PROFILE

Model Type 70MPa Refuelling Solutions	Geno L100	Geno L200	Geno L400	Geno L1000
Design output kg/Day	100 kg	200 kg	400 kg	1000 kg
Fuelling's per/day maximum	20	40	75	180
Dispensing positions	1	1	2	4
Back to back fuelling profile	0	1	1	10
Vehicles per station	100	400	800	1600
Protocol SAE	J2601/1	J2601/1	J2601/1	J2601/1

DISPENSER OPTIONS

'E' Dispenser	•	•	•	•
Column Dispenser	•	•	•	•
Integrated Dispenser	•	•	•	•



Hydrogen
'E' Dispenser



Hydrogen
Column Dispenser



Integrated
Dispenser

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DISPENSER OPTIONS



Integrated Dispenser



Hydrogen 'E' Dispenser



Hydrogen Column Dispenser

FEATURE	STANDARD SPECIFICATION
Hydrogen delivery	In accordance with SAE J2601 refuelling protocol
Hydrogen cooling	Options available down to -40°C
Operating pressure	Up to 100MPa
Dispenser options	Multiple dispenser connection options: - 70MPa for Light Duty Vehicles up to 10kg - 35MPa for Heavy Duty Vehicles up to 50kg - 25MPa & 35MPa for Industrial Vehicles up to 10kg - Nozzle in accordance with customer preference - Multi hose options available
Weather resistance	Suitable for outdoor installation
Operating temperature	-20°C to 40°C
HMI	Haskel proprietary system based on communication requirement. Card swipe and payment options available
Safety equipment	Built in accordance with the authority having jurisdiction compliant with current global safety standards
Electrical power supply	3PH 400V + N 50Hz 200A TN-S

Standard Hydrogen Refuelling Station Datasheet

MATERIAL HANDLING



PRODUCT PROFILE

Model Type	Geno MH
Design output kg/Day	up to 1000 kg
Peak hourly capacity	
Quantity dispensed per vehicle	
Peak hour refuelling frequency	
Dispensing positions	
Back-to-back fuelling profile	
Protocol	

Material handling offers a range of logistic challenges that require additional user input such as Fleet size shift patterns and vehicle classification, the impact of these variable has significant impact of costs and permitting requirements. Please contact Haskel Hydrogen Systems for additional support.

DISPENSER OPTIONS

'E' Dispenser	•
Column Dispenser	•
Integrated Dispenser	•



Hydrogen 'E' Dispenser



Hydrogen Column Dispenser



Integrated Dispenser

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