

LNG FUELING DISPENSERS

Smart station concept.

In the decarbonization of heavy-duty transport and the optimization of operating costs in logistics, Liquefied Natural Gas (LNG) is becoming a **technically and economically viable alternative**. In this context, Galileo Technologies introduces its smart dispenser, engineered to facilitate the deployment of refueling infrastructure for transport and fueling applications.

The solution integrates **high-flow LNG fueling, precise control of cryogenic variables, and a modular architecture** designed to simplify installation and operation. Its compact footprint and plug-and-play configuration allow for rapid installation on a concrete foundation, with minimal auxiliary infrastructure requirements.

Designed for logistics corridors and transport fleets, the station helps **accelerate the expansion of LNG Blue Corridors**, enabling access to LNG in logistics hubs, fleet bases, and off-grid fueling stations, while meeting industrial standards for safety and reliability.

Last update: DEC/2025

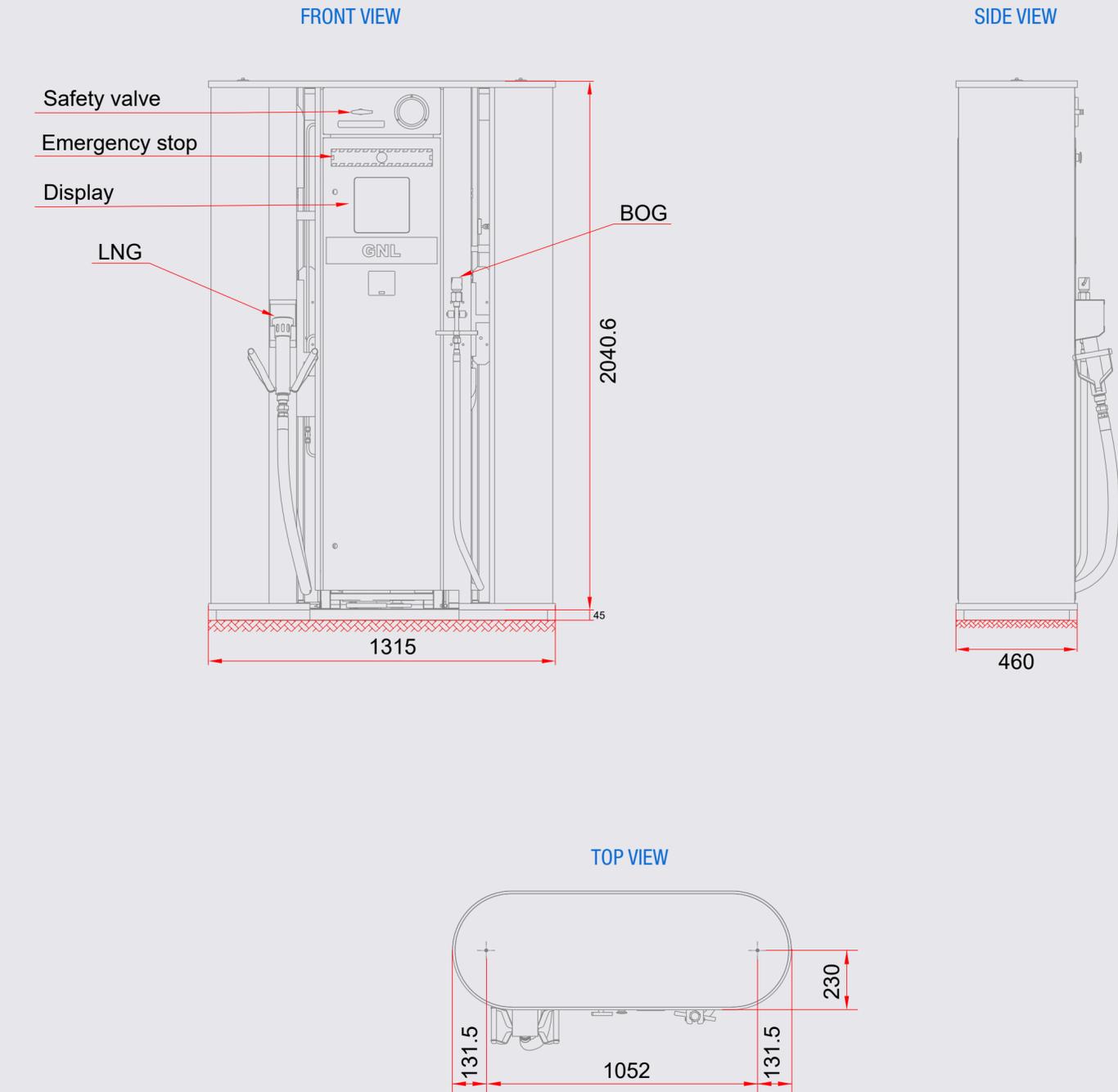


Datasheet*

LNG hose + BOG hose		1+1	
		Min	Max
LNG fueling flow	L/min	150	180
Temperature	°C	-160	-100
LNG Pressure	barg	10	12
Break away valves (LNG+BOG)		Included	
REGO CryoMac liquid nozzle		Included	
Fueling vehicle		1	
Communication Capabilities		Yes**	
Selector Panel		Yes	
Display		Yes	
Electrical Requirements	VDC	110 to 240	
Electrical Power	kW	0.5	
Air consumption		1.3 Nm³/h @ 8barg (ISO-8573-1 Type [2;2;2] or higher quality)	
Dimensions		1.3 m length x 0.46 m width x 2 m height	
Weight	Kgs	300	
Regulations & Quality		ISO 16924 / NFPA 52	
		ISO 9001 - ISO 14001 - ISO 45001	
		PED 2015/68/UE	
		NEC/CEC	
		ATEX	
Monitoring		Yes, 24/7 through our Galileo DigiHub - Scada System	

*All values are expressed under a regular operation and may present changes with variation of gas composition and environmental conditions. **Modbus RTU - Other under request.

Dimensions (mm)



Key advantages of our technology:

— Modularity and Reduced footprint (Plug-and-Play):

Its skid-mounted design, in combination with a vertical storage tank, enables a basic LNG station deployment within a minimal footprint (approximately 140 m² / 1,500 ft²), reducing site area requirements by **up to 80%** versus conventional stations.

— Off-Grid Capability (Virtual Pipeline):

The station is supplied with LNG transported in cryogenic ISO tanks, enabling fuel delivery to locations beyond the reach of conventional gas pipelines.

— Intelligent Loading Optimization:

The dispenser allows the operator to select the truck's make and model on the display screen to dispense LNG at the temperature and pressure recommended by the manufacturer, ensuring maximum vehicle performance and range.

— Fast and Accurate Refueling:

It offers **high-flow** LNG fueling (up to 180 liters/minute), which can reduce truck refueling time to **less than 6 minutes**. It incorporates a **Mass Flow Meter** to ensure maximum accuracy in the dispensed fuel measurement.



Tracked under Galileo DigiHub - Scada System

We don't just sell technology; we provide a service. We will be with you 24/7, monitoring key parameters through our **Galileo DigiHub - Scada System*** and providing on-the-ground support to keep your uptime as high as possible.

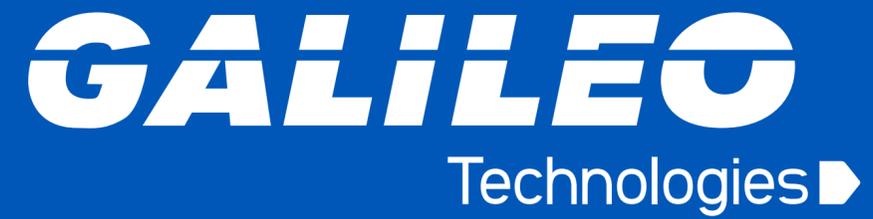
Up to 99% Methane Recovery, easily tracked through a single integrated system.

Key variables from production, transportation and delivery to end user can be tracked on-line, remotely and in real time in our proprietary system.

Our integrated solution not only favors efficient troubleshooting and resolution, but it also provides a single control system for the complete operation, from inlet, to gas upgrading, to the outlet of the Virtual Pipeline.



*This is an additional service and is contracted separately.



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