

PLUG & PLAY LNG REFUELING STATION

Core Features

Horizontal LNG storage tank for compact and transportable design

LNG dispenser unit with smart and user-friendly refueling functions

Fully comply with ATEX, PED and MID regulations

Integrated fleet-card and driver recognition system

System offered saturated and cold (for Volvo) refueling options

Built-in LNG conditioner system for each temperature

Built-in flame and gas detection system



Eutech Polska's containerized LNG refueling station Modulo is a compact LNG fueling solution that fleets can use independently.

Optimum Solution

Modulo is a relocatable LNG fueling station which is the most suitable solution for the flexible operation of independent fleets. Standard 45ft container size Modulo offers the optimum compact LNG fueling solution.

Smart & Fast Refueling

Modulo can fuel an average LNG vehicle with a flow rate of up to 90 Kg/min. It guarantees a smooth refueling experience thanks to its smart dispensing unit with an optional payment system connection.

Fast Delivery & Commissioning

Plug-and-play installation is allowed by Modulo design as it is fully factory tested for fast commissioning. Additionally, Eutech Polska offers the shortest delivery time in the market for LNG station solutions with complete documentation.

Online Monitoring & Diagnosis

Modulo can monitor all diagnoses via ModBus online. ESD (emergency shot down) system has precautions for scenarios such as possible gas leaks, hose break-off, flame threats, and pressure imbalances.

Expandable Capacity

With its default 28 m³ tank size, Modulo can handle more than 20 vehicles fueling daily. Storage capacity can be increased to 75 m³ upon request, thus providing higher daily refueling capacity.

Multiple Layers of Safety

The automatic stop mode is automatically activated when the truck's tank is full. Safety is guaranteed with a fast fault warning system. Flame and gas detection systems quickly warn of anything that goes wrong.

1 Smart LNG Dispenser Unit With Optional Payment Module

2 Fire resistant, thermo insulated boundary walls

3 Advanced Control and Automation Cabin with Telemetry

4 LNG Conditioner System

5 Horizontal LNG storage tank



Technical Specifications

Ambient Temperature -20°C to 45°C
(Optional -25°C to 50°C)

Operating Temperature -196°C to -108°C

Control Unit PLC Control Panel

Telemetry System Advanced ESD System

Boundary wall Fire resistant, thermo insulated

Mass Flow Rate (min<nom<max)
15 < 63 < 90 kg/min

Tank Size 28 m³ (Up to 75 m³)

NGV Types Iveco, Scania, Volvo

Certificates Complying with EU Directives
ASME Design Option

Dimensions H:285 x W:255 x D:1363 cm

