



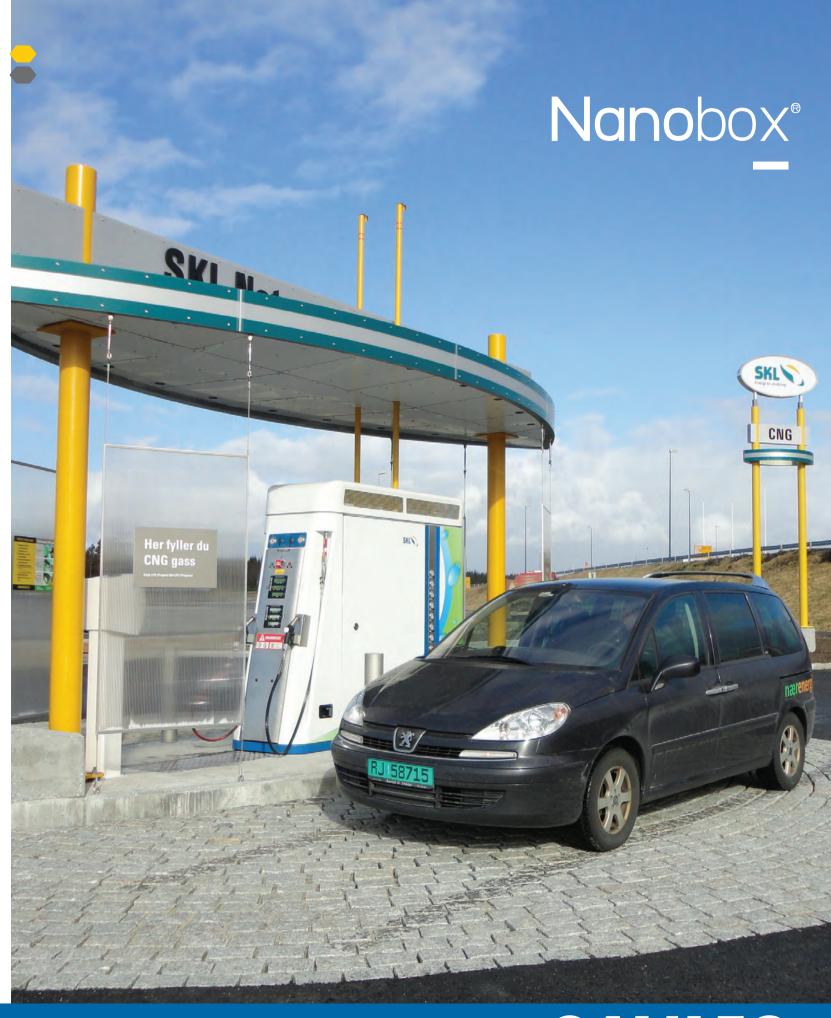






HEADQUARTERS

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Nanobox®

Nanobox is Galileo's **Plug-and-Play CNG** compressor-package, specifically designed for private NGV fleets and small CNG filling-stations. This equipment provides a convenient and attractive solution for the needs of this market. The package integrates compression, storage and a complete CNG dispenser in a single unit.

Nanobox covers a wide range of inlet pressures. There are also options with remote dispatch (not incorporated in the Nanobox).

MAIN COMPONENTS

- Compressor aspiration Blow Down Tank.
- Inlet Gas Filter with replaceable element.
- Galileo's NX compressor.
- Single Electric Driver for compressor and cooling Fan.
- Computerized control panel to control and operate unit.
- Ethernet connection for remote monitoring and control.
- Interstage air refrigerated gas coolers.
- Interstage safety relief valves and on discharge line.
- Explosion proof cabin, with door lock system, ensures safe operation.
- Emergency shutdown system.
- Gas Inlet/outlet, oil and ambient temperature transmitters.
- Gas Inlet/outlet, and oil pressure transmitters.
- Pressure relief valve valves on the discharge line.
- Coalescing Filter on discharge line.
- Internal Storage and priority filling system.
- Up to two refilling hoses with mass meter and NGV1 Type nozzle (Optional).







ADVANTAGES

- High return on Investment.
- Fast, easy and low cost installation.
- Minimum space requirement.
- Quick Load.
- Simple, low cost, preventive maintenance.
- Safe and reliable operation.
- Simple to operate and control.
- Refill of 30 to 250 vehicles per day.
- Register and internet-transmission of commercial, technical and audit data.









Nanobox® is an integral solution that allows compressing, storing and dispatching CNG with a single unit.

DATA SHEET

Instant Peak Flow Capacity

Capacity

50 Nm3/min *

3400 Kg

22-30-45 kW

Air conler

0.02 a 30 Bar 300 Bar *

1500/1800 RPM Bypass / unloaded starting

Non-lubricated pistons. Without connecting rods

2825 Kg

Total Weight Compressor

Manufacturer
Compressor type

Oty, Comp. Stages
Installed power
Operating speed
Starter system
Cooling system
Inlet pressure
Maximum working pressure

Gas Storage

Storage Volume 625 lt / 250 lt *
Useful Storage Capacity 120 / 25 Nm3 aprox.*
Operating Pressure 250 Bar

Priority Panel

Type 3 Lines / Single Line

Driver

Driver Electric Motor
Load Speed 1500/1800 RPM
Frequency 50/60 Hz
Voltage 380/400/440 V
Start System Type Delta-Star
Coupling Direct Coupling

Dispensing Unit

Hoses 0, 1 or 2 high flow rate hoses*
Refilling hoses ¼ ID-3.5m long CNG hose*
Vehicle identification OPTIONAL*

Data Transmission

Standard network port Ethernet

* May differ according to model.

