“HYGEN Plus” - Fleet Vehicle Fueling Appliance

This system is a self-contained plug & play (bio-) CNG refueling appliance composed of one-stage liquid piston compressor powered by a hydraulic motor and four storage cylinders. The cooler and controls are mounted inside the enclosure. The refueling hose and nozzle are mounted on the outside of the enclosure.

Unit specifications:

- State of the product: EU certified product
- Compression flow rate: 4,4 m³/h (at 15 °C)
- Gas outlet pressure, max.: 200 bar (at 15 °C)
- Storage capacity: 90 m³ at 200 bar (at 15 °C)
- Fueling time: 25 m³ in 7 min (at 15 °C)
- Electrical: 2 x motors, 4 kW each
- Electricity consumption: 0,5 kWh/m³
- Power supply line: 380 V
- Gas inlet pressure: (a) 17-25 mbar, (b) 4-6 bar

All other pressures require a pressure regulator

- Dimensions, L x W x H: 120 x 100 x 190 cm
- Weight: 1600 kg
- Service life: 20 years