

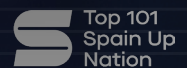
STELION® | Booster Station



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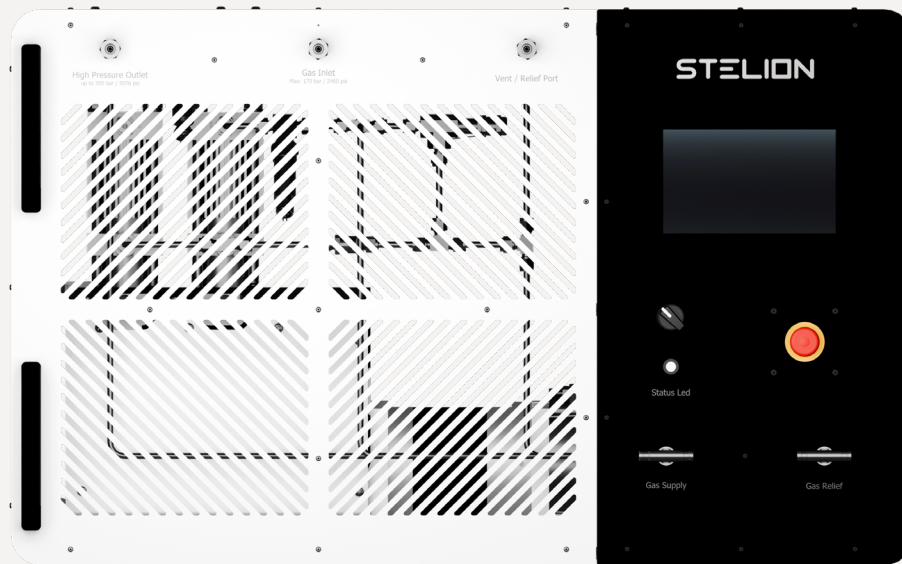


Wherever and whenever you want.

STELION Booster Station is an electric gas compression unit designed for a wide range of applications, from mobility and industrial processes to laboratories and remote environments. Its compact and mobile design enables fast refueling without the need for complex installations or high-pressure or cooling systems, offering an efficient and cost-effective solution.

Compatible with various gases, the STELION Booster Station optimizes the compression and refueling process, providing a safe and reliable solution built for demanding environments. It ensures clean compression without the risk of contamination or fire, while allowing for easy deployment anywhere.





Electric driven

Efficient and reliable compression with no need for compressed air or external drives.



Adjustable pressure

From low to high-pressure applications.

Compact & mobile

Easily deployable in labs, field setups, or remote environments.





Fast refuelling

Refuel quickly and efficiently. Spend less time plugged in and more time on the go.



STELION UI

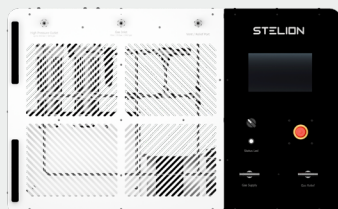
User-friendly interface designed for safety, speed and total control in the field.



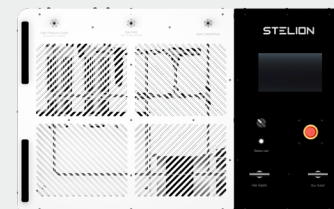
Automatic mode

Set the target pressure and let the system manage the compression cycle with real-time control and safety monitoring.



STL 3000**21 – 200**

Inlet pressure (bar)

STL 1400**6 – 31**

Inlet pressure (bar)

350

Max. outlet pressure (bar)

63

Noise (dB)

1.25

Power requirement (kW)

-30 / 65

Working temperature (°C)

230 - 50Hz / 115 - 60Hz

Voltage (AC)

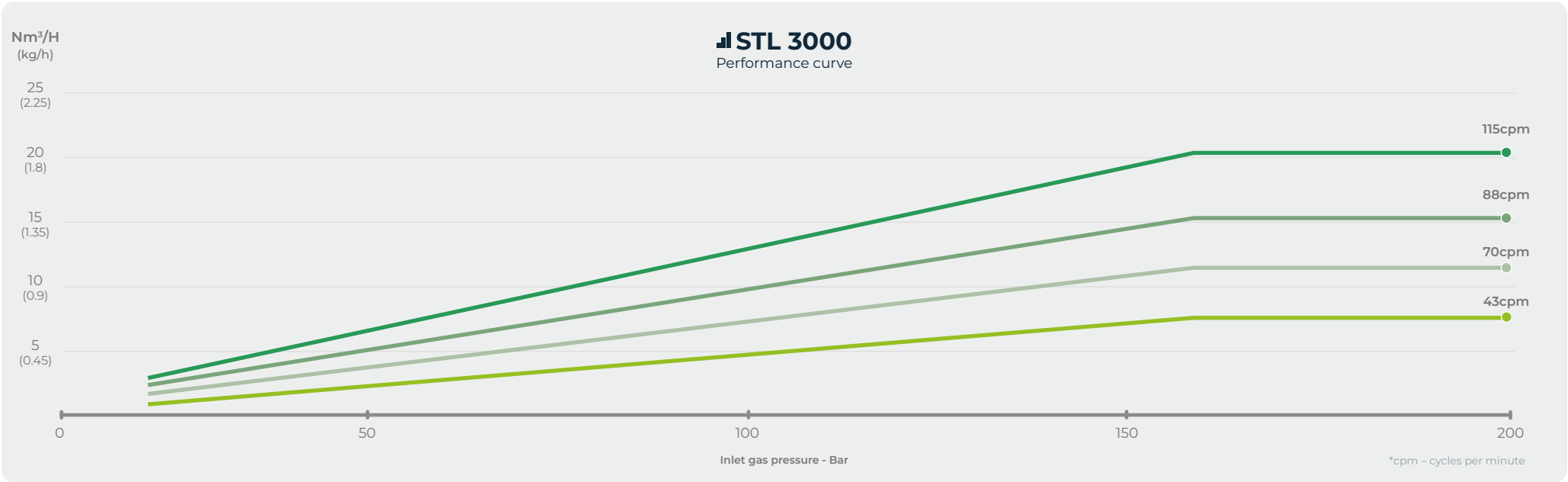
Quick coupling or 1/4" NPT male

Gas inlet / outlet / relief port connection

20 years

Lifespan

Compatible gases*H₂, CO₂, CH₄, O₂, inert gases and more



Gas inlet

On site electrolysis + buffer tank
200 bar gas cylinders

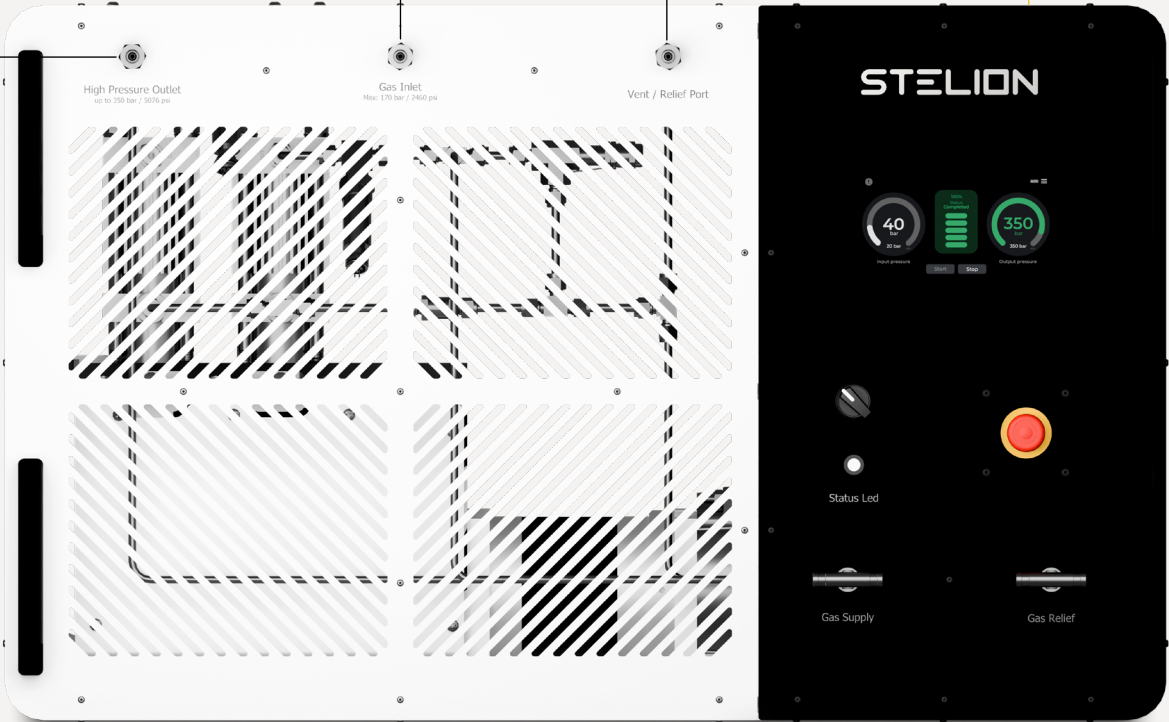
Security
Gas Relief

AC 230V

Less than 1.25 kW

Outlet up to 350 bar

Vehicle refuelling
R&D activities
Stationary compression





78
Weight (Kg)

910
Large (mm)

560
Width (mm)

365
Height (mm)

STELION®

Custom developments

In addition to our two signature models, we create made-to-measure solutions for more specific requirements.

Up to 1000

Max. outlet pressure (bar)

2 – 400

Inlet pressure (bar)

☐ Quick coupling

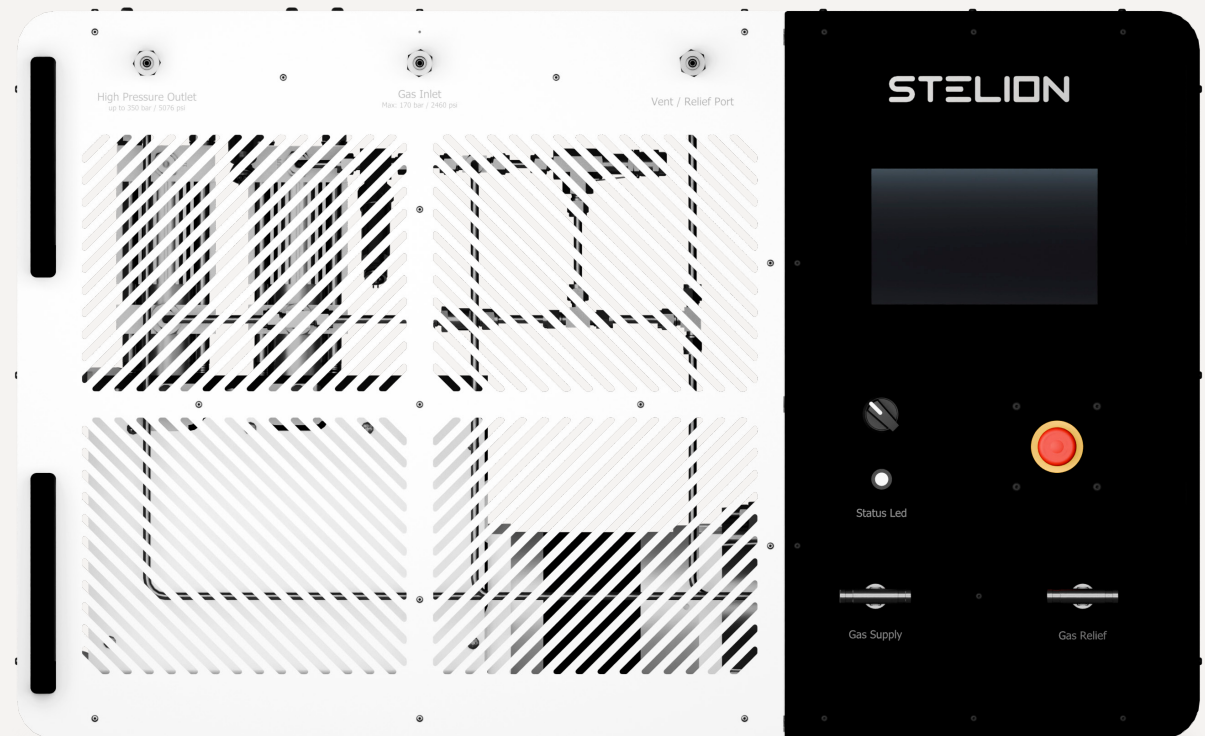
☐ 1/4" NPT

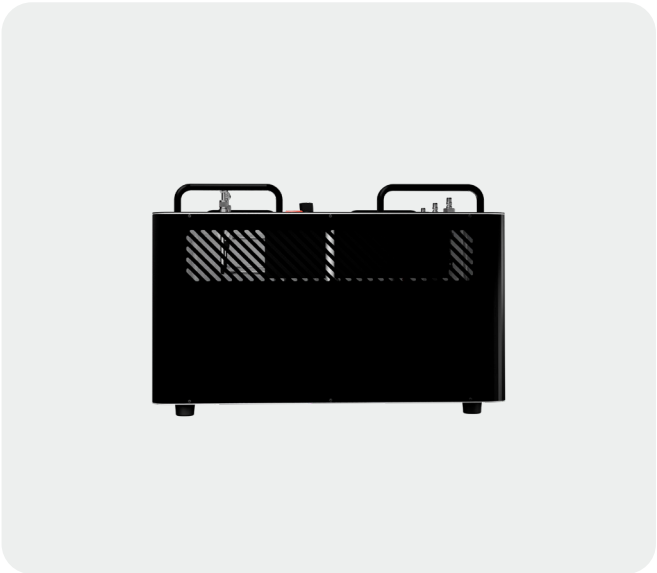
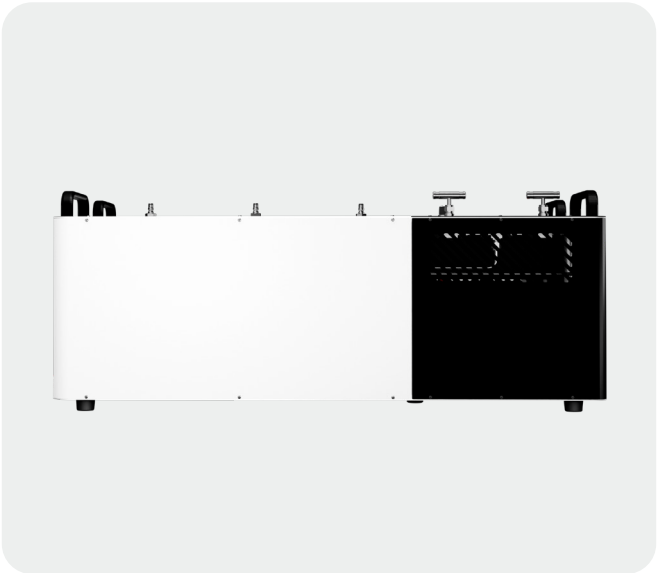
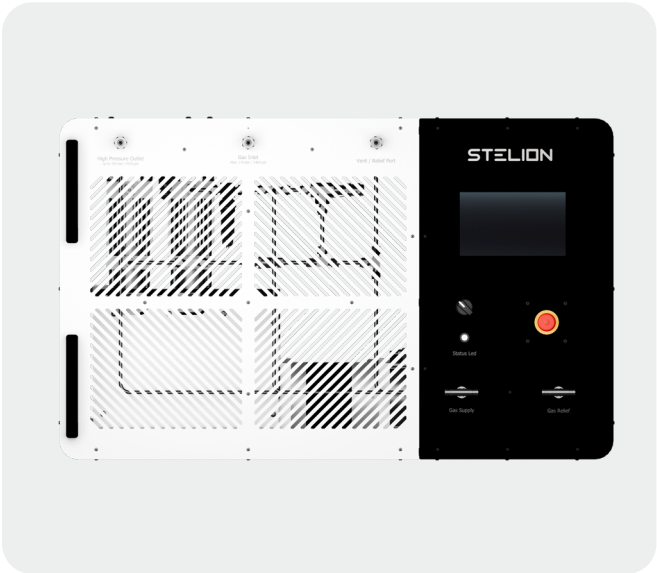
☐ JIC 37°

Gas inlet / outlet / relief port connection

60 Nm³/h

Max. discharge flow rate per unit







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