

Invented for life



BOSCH

Compact gas compressor

Robust, scalable and efficient solution for compression in industrial gas storage applications.



Up to 5.0

gas purity by hermetic sealing



$\geq 11 \text{ Nm}^3/\text{h}$

hydrogen output per unit



Less than 12kg

weight due to compact design



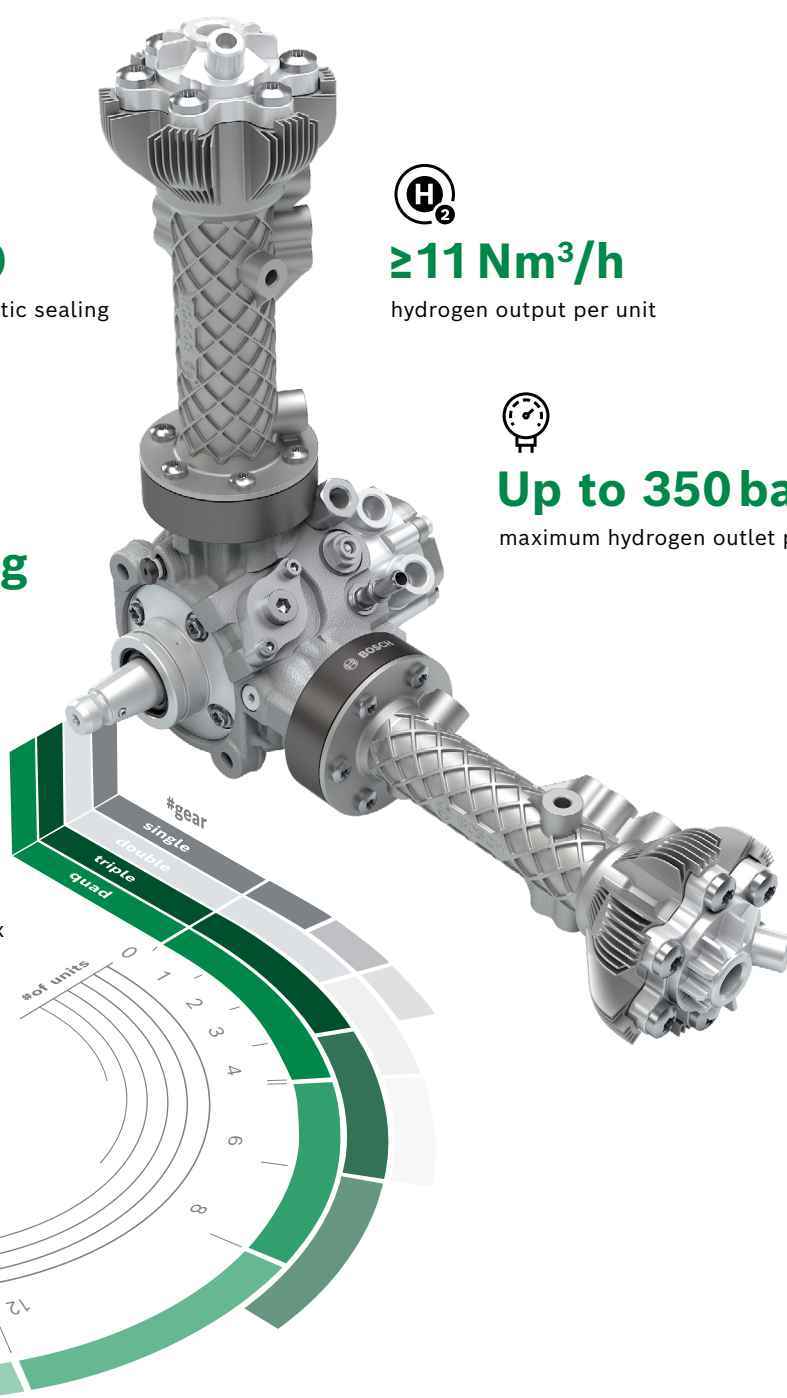
Up to 350 bar

maximum hydrogen outlet pressure



Flexible scalability

by combining units with electric motor and gearbox



Cost-efficient solution for storage of industrial gases

The compact gas compressor provides **multiple advantages** in a wide range of operating conditions.



Innovative technologies

- Lightweight, compact and efficient by innovative design and by advanced production technologies
- High gas purity with hermetic sealing
- High-precision and additive manufacturing competence



Proven robustness

- Reliable drive technology based on automotive core know-how, proven in severe environments
- Redundancy by parallel integration of compression units
- Compatibility with many fluids like hydrogen, nitrogen, helium and carbon dioxide



Serve locally – act globally

- As a global partner for integrators in the hydrogen and gas compression industry, Bosch is positioned to support customers worldwide
- With the compression solution, Bosch extends its broad hydrogen product portfolio to serve the customers individual project needs