



**ADVANCING
SUSTAINABILITY
TOGETHER**

HCP 500

Hydrogen Compressor Package

Energy transition is progressing more quickly every day. And hydrogen will play a major role in this transformation as a way to reduce carbon emissions, store energy and enable clean fuels. The hydrogen value chain – from the production of hydrogen, through transportation and trailer filling, to mobility – depends on efficient compression technology.



Learn more about HCP 500, our engineering capabilities & safety philosophy by visiting www.hoerbiger.com/hcp today!



High-flow compression and flow management solutions for hydrogen compression

Hydrogen is a key element in the green energy transition. Together with our partners, we are on a mission to deliver the most cost-efficient hydrogen compression package available. To allow wide use of hydrogen for mobility and trailer filling, equipment must evolve from small demonstration projects into industrialized and efficient solutions, enabling you to meet your total cost of ownership expectations. Reciprocating compressors play a key role in reaching this goal. At Ariel and HOERBIGER, we have the technology to enable the most economic and reliable package for high pressure hydrogen compression.



Trailer filling

In the future hydrogen economy, efficient compressor solutions are vital along the entire hydrogen value chain. Our standardized but at the same time flexible Compressor Package empowers customers to gain the maximum out of their transportation and hydrogen storage applications with a focus on trailer filling.



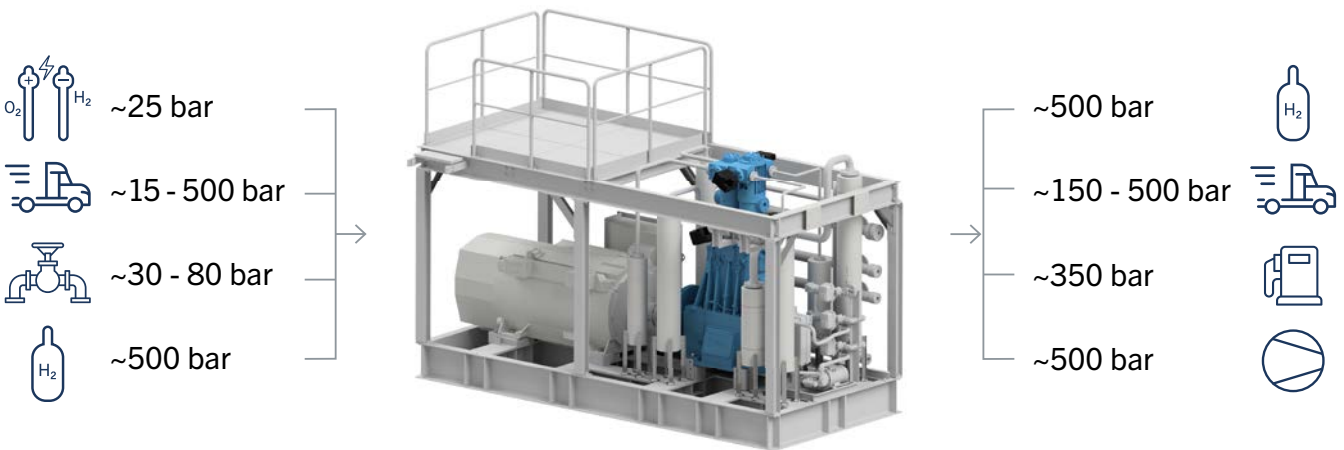
Hydrogen mobility

Hydrogen mobility is key for the decarbonization of heavy-duty vehicles. Our purpose built Compressor Package, addresses all aspects to lower the Total Cost of Ownership of hydrogen fueling station applications.

Hydrogen Compressor Package solution enabling the fueling station of tomorrow

- 25 bar suction to 500 bar discharge pressure at 250 kg/h
- 0 to 100 % mass flow regulation
- Growing system for electrolysis capacity between 4MW and 15MW
- Highly standardized turnkey solution
- Global support by our service organization

LOWEST
TOTAL COST OF
OWNERSHIP



Locally close to the customers – globally successful: HOERBIGER is active worldwide in 43 countries on all continents. 5,948 employees at 127 locations – including 25 production plants – deliver reliable solutions for better performance, increased safety, and fewer emissions. In 2022, they generated sales of 1.267 billion euros. For renowned customers from the energy sector, the process industry, the automotive industry, the mechanical engineering industry, safety technology, and the electronics industry, performance-determining products and services from HOERBIGER make the difference. With innovations for decarbonization and energy transition, HOERBIGER is already enabling change today for a better tomorrow. As majority shareholder, the HOERBIGER Foundation preserves the 128-year-old entrepreneurial heritage and guarantees stability, independence, and a future-oriented strategy.

HCP 500 | HYDROGEN COMPRESSOR PACKAGE

HOERBIGER