



COMPRESSOR SOLUTIONS FOR HYDROGEN MOBILITY & ENERGY

OIL-FREE HIGH-PRESSURE COMPRESSOR SYSTEMS

Burckhardt Compression is a worldwide market leader for reciprocating compressor systems and the only manufacturer and service provider that covers a full range of reciprocating compressor technologies and services.

We offer reliable, high-performance compression solutions developed in true partnership with our clients, combining our advanced engineering expertise with the strongest product portfolio in the industry. As a solutions provider, we execute projects in a collaborative manner, with competence, efficiency and speed.

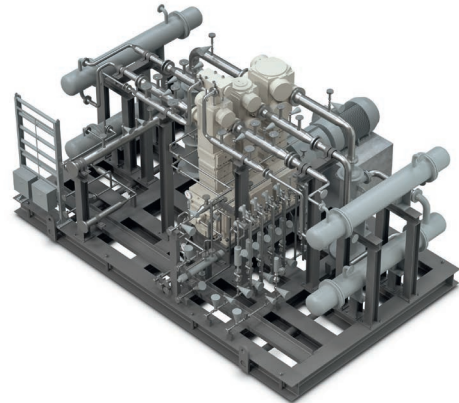
Our comprehensive H₂ compressor portfolio includes diaphragm compressors for lower flows and reliable oil-free high-pressure piston compressors for higher flows. This allows us to meet the needs of various H₂ applications such as trailer filling and fuel stations.

Equally important, Burckhardt Compression's aftermarket and service capabilities are supported by an extensive network of service hubs around the world.

OIL-FREE HIGH-PRESSURE COMPRESSORS FOR HIGHEST RELIABILITY

CUSTOMER BENEFITS

- Highest gas compression efficiency
- Oil-free high-pressure compression to meet highest hydrogen purity
- Piston compressors now available up to 550 bar
- Bare compressors, skidded and container-installed compression solutions
- Full range of after-sales services
- Global network of local service centers



PISTON COMPRESSORS FOR HIGHER FLOWS

Type	Mass Flow kg/h / lbs/h	Rated Power kW / hp	Width mm / in	Height mm / in	Length mm / in
3C4S	190 / 420	320 / 430	4'100 / 160	4'250 / 170	8'050 / 315
3LP250	550 / 1213	698 / 936	6'000 / 236	5'000 / 197	11'000 / 433

Numbers based on calculation example compressor skid for bus/train/truck fuel station. Gas suction pressure: 30 bar a / 435 psi a, discharge pressure: 550 bar a / 7'800 psi a, temperature: 20 °C (68 °F)

DIAPHRAGM COMPRESSORS FOR LOWER FLOWS

Type	Mass Flow kg/h / lbs/h	Rated Power kW / hp	Width mm / in	Height mm / in	Length mm / in
MD10-L	44 / 97	89 / 120	2'440 / 96	2'590 / 102	6'100 / 240

Numbers based on calculation example compressor skid for bus/train/truck fuel station. Gas suction pressure: 30 bar a / 435 psi a, discharge pressure: 550 bar a / 7'800 psi a, temperature: 20 °C (68 °F)

Burckhardt Compression

24-hour emergency tel.: +41 52 261 53 53
 info@burckhardtcompression.com
 www.burckhardtcompression.com