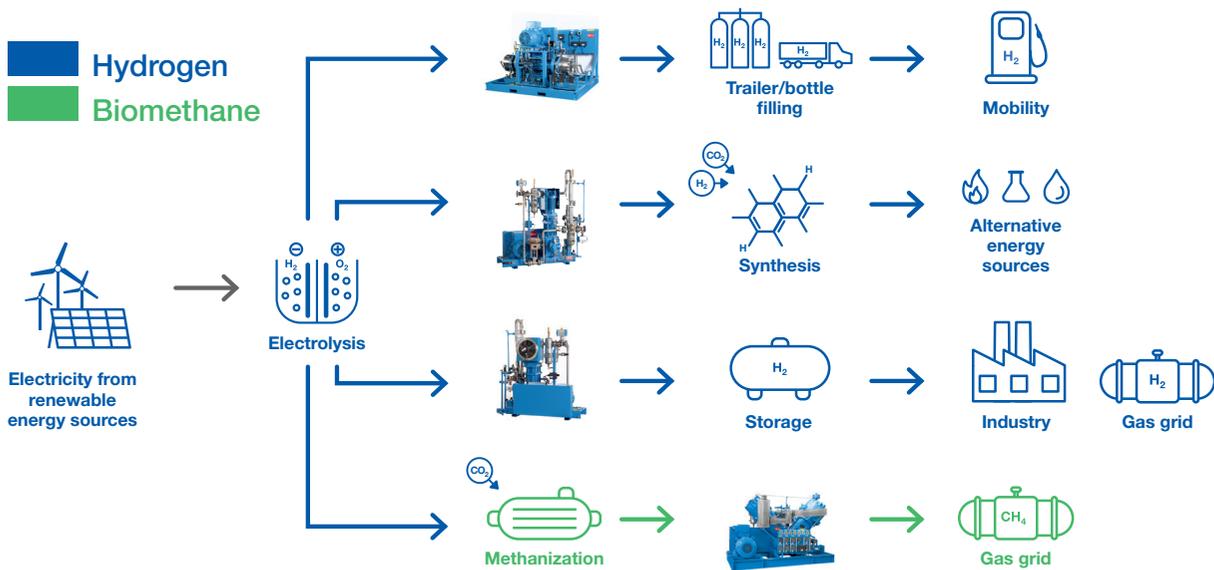


COMPETENCE IN H₂-COMPRESSION

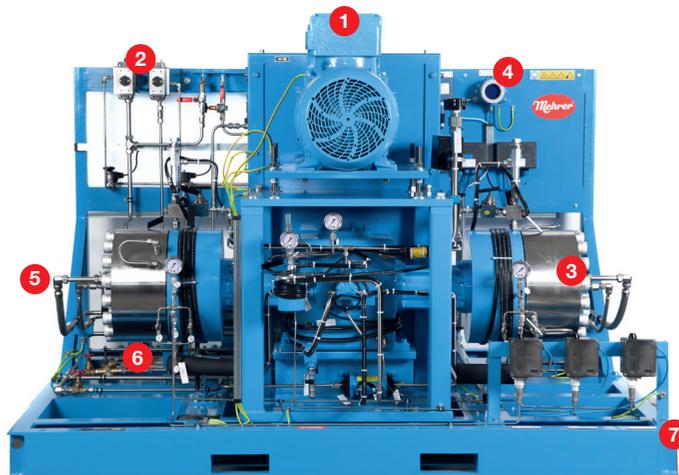
Tomorrow's energy at
high pressure!



COMPETENCE IN H₂-COMPRESSION

Your Benefits

- Completely oil free compression
- No production losses due to highest process reliability
- Delivery of compressor units or complete compressor systems – for final pressures up to 14.200 psia
- Short delivery times despite customized system design
- Easy maintenance and global service



Your Applications

- H₂ recycling
- H₂ storage
- H₂ filling stations
- H₂ compression after electrolysis
- H₂ trailer/bottle filling
- Methanization
- Demonstration and research projects
- Compression of synthesis gases

- 1 Motor with frequency converter
- 2 Pneumatic shut-off-valves for system integration
- 3 Cylinder heads in stainless steel
- 4 Signal transmitters in ex-version
- 5 Gas line completely in stainless steel
- 6 Water-cooled heat exchanger in stainless steel
- 7 Single base plate for easier installation

Technical Data

Construction type	Piston and diaphragm compressors
Gas type	H ₂ , synthesis gas
Gaseous state	Dry or water saturated
Compressor cooling	Air or water-cooled
Availability	>97%

Compressor type	Final pressure psia
TRZ 300	450
TRZ 700	650
TVZ 900	950
TRE 400	3200
TRZ 400	3200
MRx / MHx 300	14.500
MRx / MHx 400	14.500
MRx / MHx 1000	14.500



Find out more here!



Get in touch with us!

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