

Food & Beverages
Research & Development
Chemistry & Petrochemistry
Machine Construction
Industrial Gases
Energy & Environment

OIL-FREE DIAPHRAGM AND DRY-RUNNING COMPRESSORS

for Process Gases





MEHRER COMPRESSION GMBH

Your Partner for Process Gases

Our Portfolio

- 100% oil-free compression
- Variable range of suction pressures
- Final pressures of up to 1000 bar
- Drive power from 2,2 kW to 355 kW
- Customized compressor and system design

Mehrer Compression GmbH is one of the leading manufacturers of oil-free piston and diaphragm compressors worldwide. For 130 years we have been setting standards in gas and air compression. Due to our failsafe, efficient and absolutely oil-free compressors, we are a renowned partner for the process engineering industry, the process gas industry as well as in the energy and environmental sector.

Our Experience – Your Success

Decades ago, we carried out pioneer work on dry-running compressors in cross-head construction. Today this long-standing know-how helps us to handle a variety of gases and to provide customized solutions for your special applications.

Customized Compressor Technologies

For absolutely oil-free compression, we offer customized technologies with dry-running piston compressors in vertical or V-construction as well as single- and two-stage diaphragm compressors for final pressures of up to 1000 bar (a). All the series are available for the Ex-zones 1 and 2. For all applications the systems are also delivered with a classification for safety related parts of control system, either by the corresponding performance level or the SIL-classification and documentation as well as the necessary region-specific certificates.

Mehrer-Easy-Maintenance-System – Worldwide Service

The Mehrer-Easy-Maintenance-System combines three strong service aspects to provide our customers with perfect service. Worldwide.

- **Mehrer Service Academy**
Qualification of your service technicians for quick and efficient maintenance
- **Mehrer Service Partner**
Worldwide service partner network for commissioning, overhauling, maintenance, retrofitting and upgrading
- **Mehrer-Easy-Maintenance-Kits (MEM-Kits)**
Kit of wear and spare parts tailored to your machine

BLOCK – PACKAGE – PLANT

Completely Tailored to Your Requirements and Skills

Everything from a Single Source

Mehrer compressors, compressor packages and compressor plants have proven themselves in many industrial sectors. Of course, we also offer compressor solutions tailor-made for your process – following our maxim “Customized Compression”.

■ Compressor Block

- Cylinder head
- Cylinder block
- Free stroke
- Crank case
- Piston
- Connecting rod
- Crosshead
- Cylinder liner
- etc.

Additional Components

- Sensors
- Heating
- Secondary cooling circuit
- Inter-cooler and after-cooler
- Pressure switch
- etc.



■ Compressor Package

- Base frame
- Compressor block
- Electrical motor
- Suction filter
- Inter-cooler and after-cooler
- Sensors
- Piping
- etc.



■ Compressor Plant

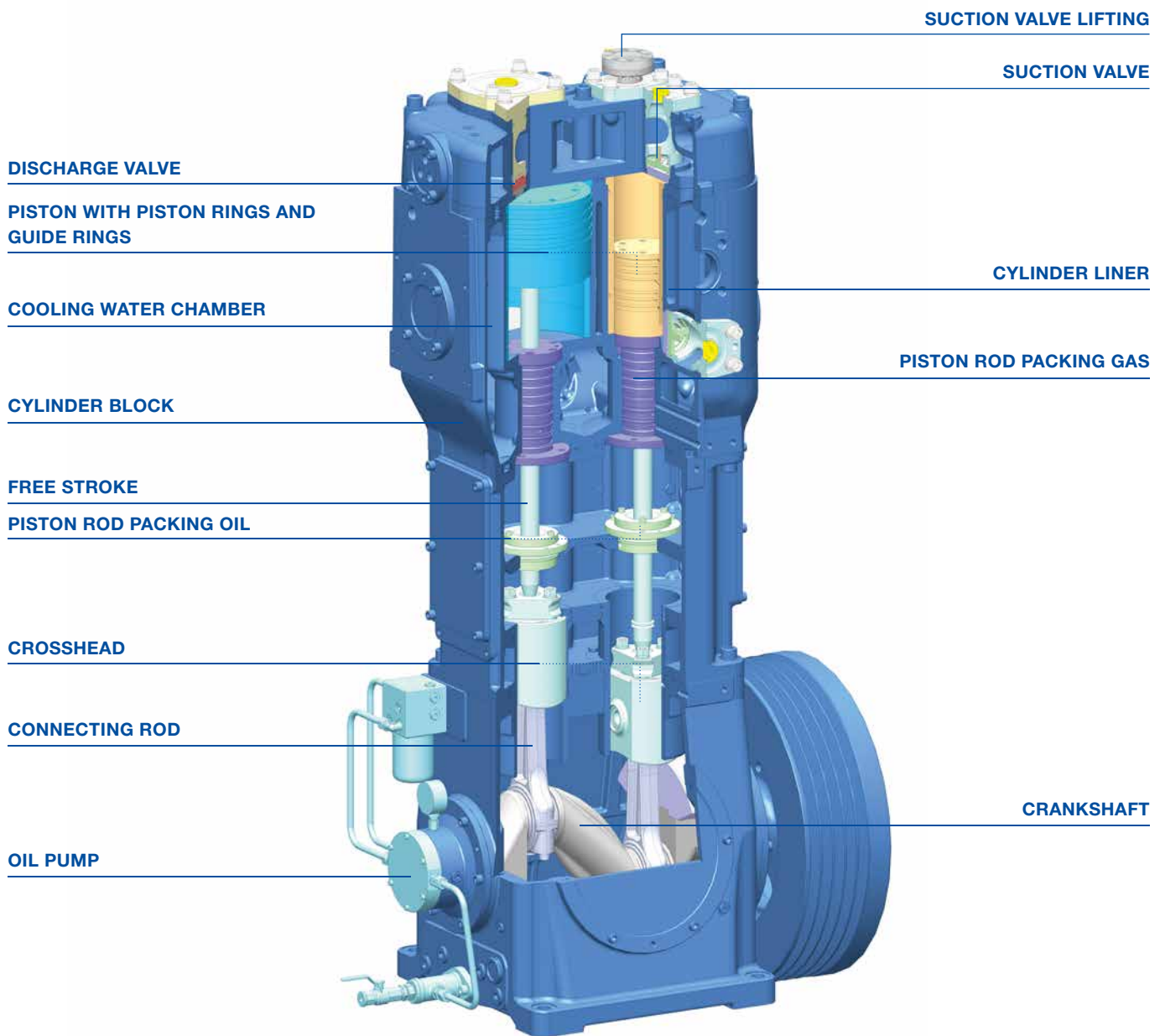
- Compressor package
- Pulsation dampers
- Pressure vessel
- Water re-cooling unit
- Container installation
- Noise hood
- Switch cabinet
- etc.



All compressor plants are available as plug-and-play versions.

MEHRER PISTON COMPRESSORS

Oil-free, Dry-running Compression
of Air and Gas



MEHRER DIAPHRAGM COMPRESSORS

100% Leakage-free for Compression of Toxic and Flammable Gases

