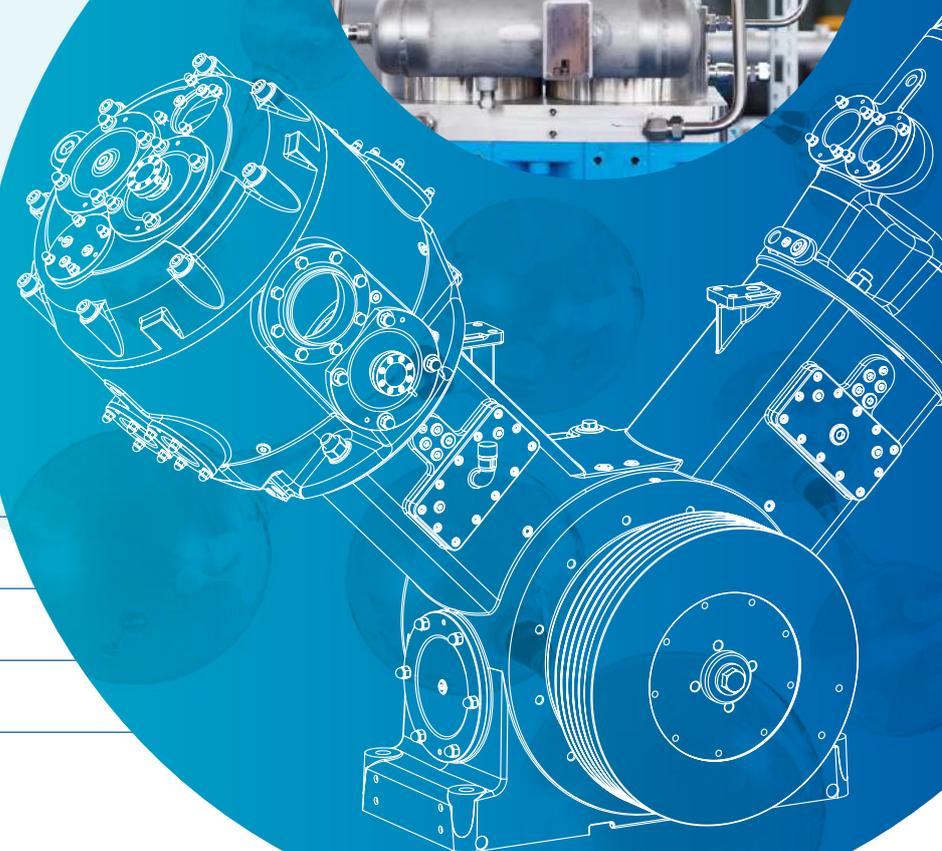


# OIL-FREE DIAPHRAGM AND DRY-RUNNING COMPRESSORS FOR PROCESS GASES



Food & Beverages

Research & Development

Chemistry & Petrochemistry

Machine Construction

Industrial Gases

Energy & Environment





# 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 355kW
- Standardized compressor and system design

Mehrer Compression GmbH is one of the leading manufacturers of oil-free reciprocating 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 standardized solutions for your special applications.

### Standardized Compressor Technologies

For absolutely oil-free compression, we offer customized technologies with dry-running reciprocating 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.

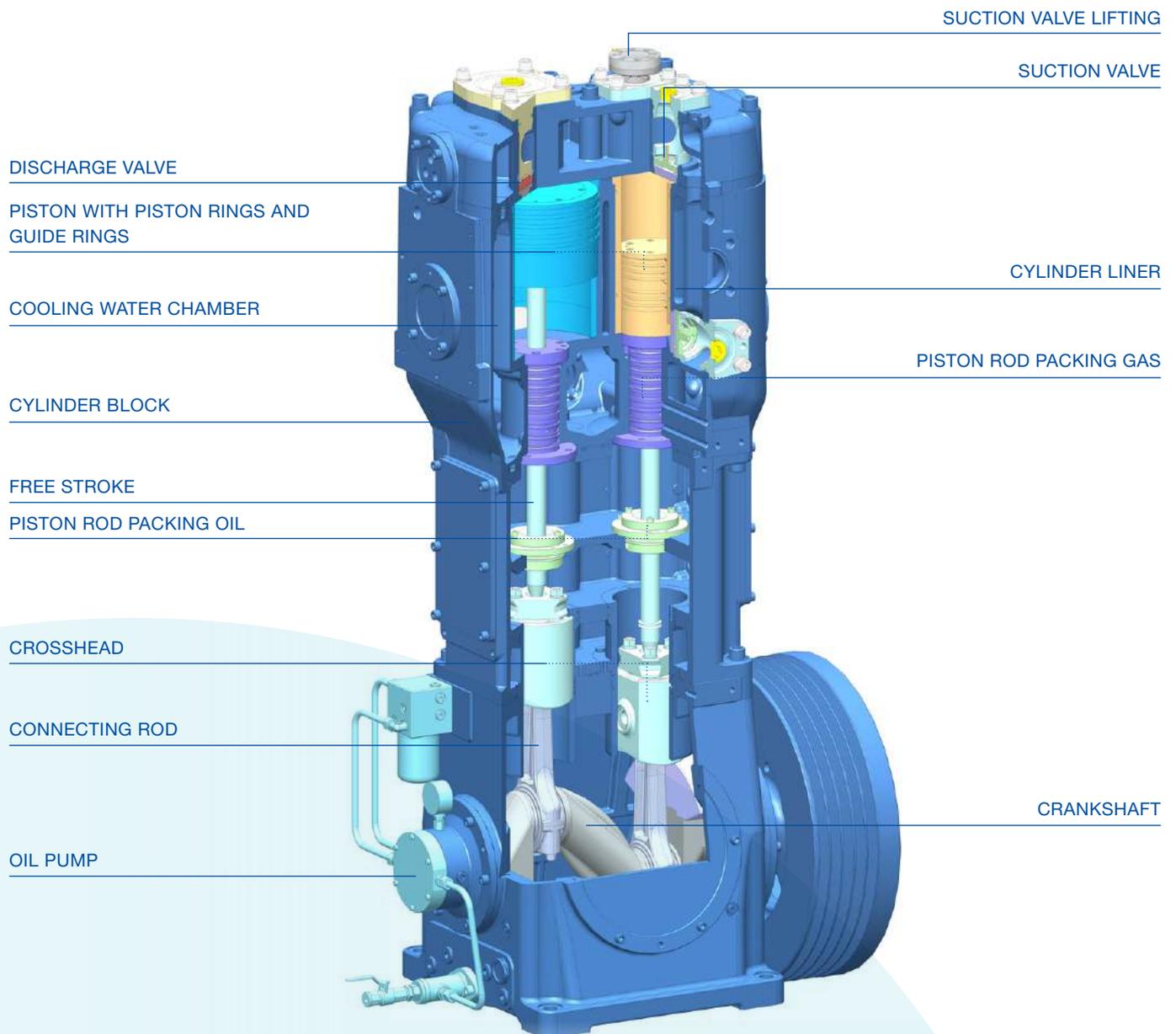
### Mehrer-Easy-Maintenance-System – Worldwide Service

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

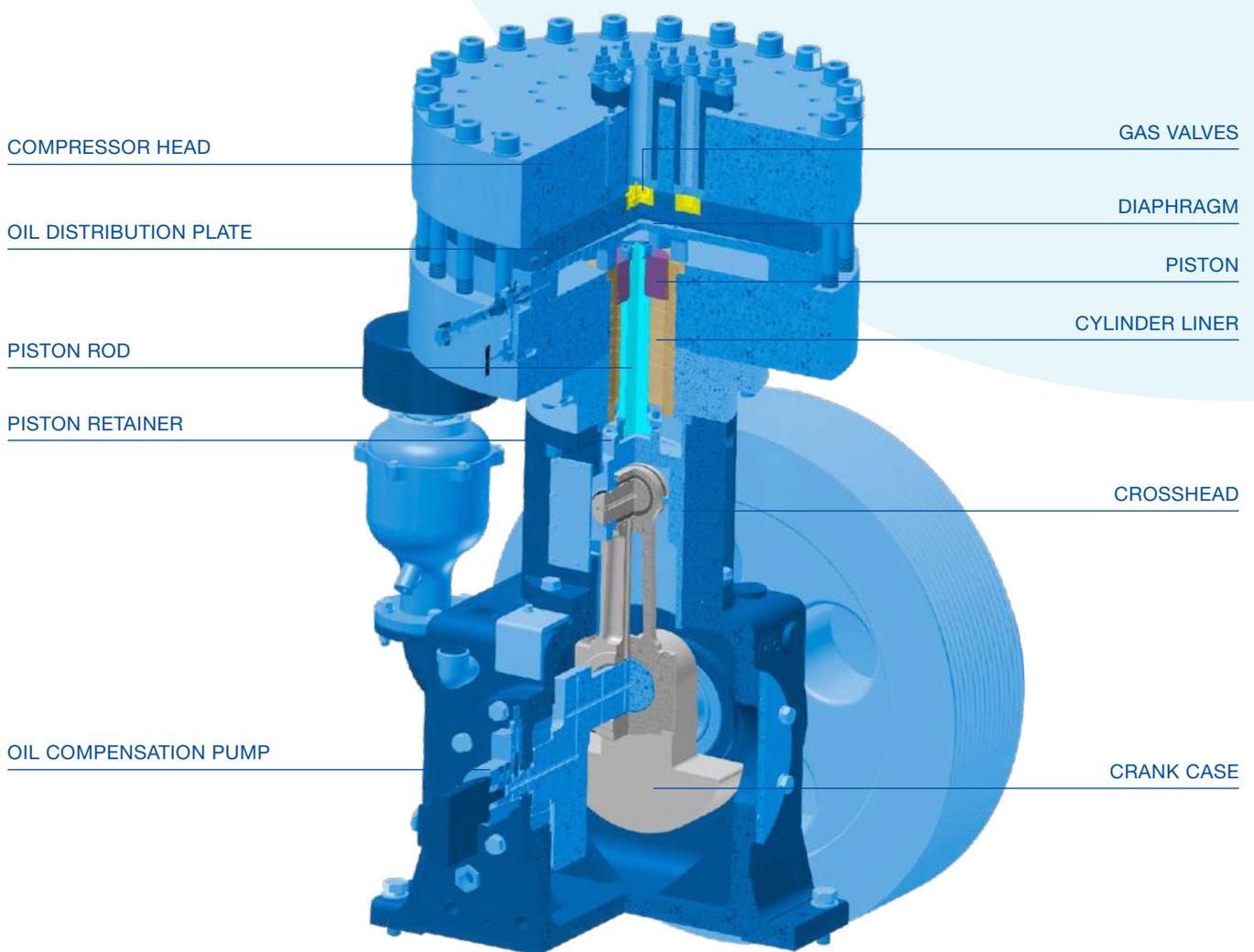
- **Mehrer Service Academy**  
Qualification of your service technicians for quick and efficient maintenance
- **Mehrer Service Partner**  
Worldwide service partner network for commissioning, overhauling, maintenance, retrofitting and upgrading
- **Mehrer-Easy-Maintenance-Kits (MEM-Kits)**  
Kit of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

# MEHRER RECIPROCATING COMPRESSORS

## OIL-FREE, DRY-RUNNING COMPRESSION OF AIR AND GAS



# MEHRER DIAPHRAGM COMPRESSORS 100% LEAKAGE-FREE FOR COMPRESSION OF TOXIC AND FLAMMABLE GASES



# 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. We have the right compressor solution for every application. Always following our maxim “processes’ heartbeat”.

## 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.



 processes' heartbeat  
[www.mehrer.de](http://www.mehrer.de)

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