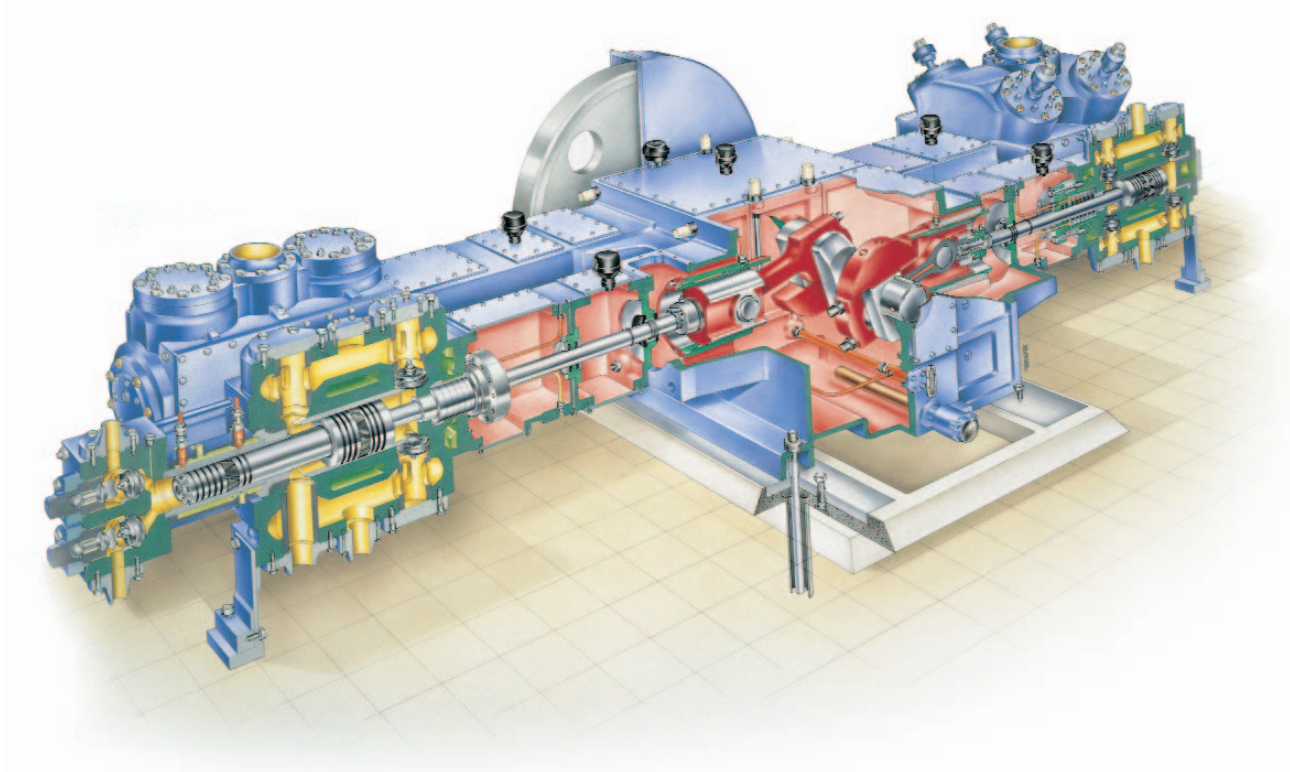


FULL SERVICE – KEEPING UP THE PRESSURE



Maintenance of reciprocating piston compressors in accordance with the **PRODIS®** service plan



With our full service for reciprocating piston compressors we offer customized service concepts in the area of reciprocating compressor technology – depending on the compressor's condition and your individual needs.

Experienced and mobile service personnel guarantee fast, flexible and reliable maintenance of your reciprocating piston compressor systems and their components and prime movers.

See overleaf for the scope of services included in our **PRODIS®** service plan for reciprocating piston compressors.

Make the safe choice with us – through expertise from one source.



We are on the move

PRODIS[®] service plan

Overview of our services:

1 Standard scope of service for overhauling a reciprocating piston compressor

• Crankcase

- Measurement of main bearing bore, and reworking if necessary
- Replacement of main bearings
- Measurement of bearing pockets using laser technology
- Line boring of main bearing pockets
- Line boring of crosshead channels

• Crankshaft

- Checking for cracks, alignment and hardness
- Polishing, if necessary grinding or overhauling with modern coating technology

• Cylinders / cylinder liners

- Honing, overhauling or replacement as required
- Overhauling with modern coating technology

• Pistons

- Dismantling, cleaning, evaluation
- Preparation of a data sheet
- Replacement of piston rings, rider rings

• Piston rods

- Dismantling, cleaning, evaluation, overhauling or replacement as required
- Checking for cracks

- Overhauling with modern coating technology
- Preparation of a data sheet

• Crossheads

- Dismantling, cleaning, evaluation
- Checking for cracks
- Overhauling if necessary
- Overhauling with modern coating technology

• Connecting rods

- Dismantling, cleaning, evaluation
- Overhauling if necessary

• Oil system

- Dismantling, cleaning, evaluation
- Fitting with required new parts, replacement if necessary

• Replacement of all the required gaskets, compression packings, shaft sealing rings and o-ring seals

• Assembly of the reciprocating piston compressor

• Start-up

• Handover to the customer with a final consultation

- Documentation
- Start up report
- Start of the warranty coverage

2 Standard scope of service for component overhauling

- Overhauling of compression packings
- Overhauling of suction and discharge valves
- Overhauling of crossheads, cylinders and cylinder liners
- Overhauling of piston rods with modern coating technology

3 Supply of spare parts

4 Retrofitting and optimizing

Solutions matched to customer requirements for optimizing uptime and economic efficiency of existing reciprocating piston compressor systems in the following areas:

- Technical consulting with respect to the optimization of operating life and uptime, e.g. in the case of the
 - combination of material between cylinder liners, piston rings and rider rings
 - combination of material between piston rods and compression packings

5 Additional services

- Overhauling of gears
- New production of piston rods, cylinder liners, crossheads and slide bearings
- Reconstruction of base plates
- Measurement using laser technology
- In-house department for measurement and control engineering

