

# FULL SERVICE – WITH HIGH PRESSURE FOR HIGHEST STANDARDS

**STORM**   
Technology and Service for  
engines and prime movers



Maintenance of reciprocating pumps in accordance with the **PRODIS**<sup>®</sup> service plan

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

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

See the overleaf for the scope of services included in our **PRODIS**<sup>®</sup> service plan for piston and plunger pumps.

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

*We are on the move*



CERTIFIED  
EN ISO 9001  
EN ISO 14001  
EN ISO 50001  
SCCP

# PRODIS® SERVICE PLAN OVERVIEW OF OUR SERVICES

## Standard scope of service for maintenance of a reciprocating pump

### Crankcase

- Measuring of main bearing bore and reworking if necessary
- Replacing of main bearings
- Measuring of bearing bores line by laser technology
- Line Boring of main bearing bores
- Line Boring of crosshead channels

### Crankshaft

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

### Crossheads

- Disassembling, cleaning, evaluating
- Overhauling if necessary
- Machining
- Overhauling with modern coating technology

### Connecting rods

- Disassembling, cleaning, evaluating
- Overhauling if necessary

### Oil system

- Disassembling, cleaning, evaluating
- Assembling with the required new parts, replacement if necessary

### Replacement of all necessary seals, gland packings, shaft seals and O-rings

### Assembly of the reciprocating pump

### Reconnection

### Handover to the customer with final consultation

- Documentation
- Final acceptance report
- Start of the warranty coverage

### Standard scope for the repair of components

- Overhauling of packings
- Overhauling of suction and discharge valves
- Overhauling of cross heads and connecting rods
- Overhauling of crankshafts
- Overhauling of plungers with modern coating technology
- Overhauling of crankcases

### Supply of spare parts

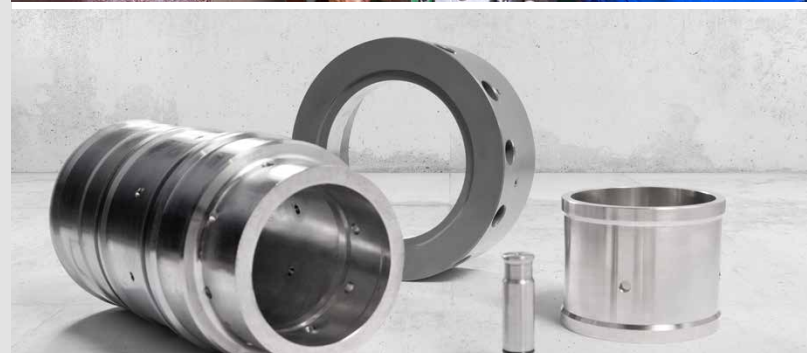
### Upgrade / Retrofit / Optimization

Solutions customized to customer requirements for the optimization of availability and cost efficiency of the existing plunger pumps.

- Technical consulting for life time optimization of pump components
- Technical consulting and development of concepts for machine diagnostics and monitoring for better production and maintenance planning (early detection of malfunctions)

### Additional services

- Overhauling of gearboxes
- New production of glands, plungers, crankshafts, slide bearings, valves
- Reconstruction of base plates
- Measuring by laser technology
- Own department for measurement and control technology



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