

Precision in each and every bore



Mobile line boring of bearing bores for engine-blocks, compressors and all other bearing inputs – horizontal and vertical –



We are specialised in the machining of bearing bores. Our flexible, high-qualified staff and our mobile precision tools guarantee an optimum quality.

Our competence:

Before and after machining the bearing bores are measured with laser equipment; up to a length of 8 m the measuring accuracy amounts to +/- 0,01 mm.

Our qualified and well-trained staff is able to do line boring at any location with our transportable precision tool – worldwide.

In order to do the line boring of bearing cap beds it is not necessary to dismantle the engine-block – this reduces the downtime of the damaged engine.

Please see the reverse side for our full spectrum of services, from which you can choose individually and depending on your engine's condition.

It's your mobility that drives us



Certified in accordance with
ISO 9001 : 2000



Certified in accordance with
SCC**

Line Boring of bearing bores

Our services at a glance



1 Line Boring
We machine bearing bores of engine blocks, compressor housings, gear units, crane booms and other bearing inputs with our mobile precision tools

- Max. length: 11.000 mm
- Max. diameter: 480 mm
- Precision: +/- 0,01 mm
- Other diameters/lengths: on request

2 Laser Alignment and Measurement
We provide a complete service for all applications including the surveying of bearing bores with a mobile laser measuring instrument to ensure a high degree of accuracy (Measuring precision: +/- 0,01 mm)

3 Milling of Cylinder Liner Seats
For gas engines, diesel engines and industrial applications with special mobile milling equipment
Drive: air and/or electrical

- Max. diameter: 600 mm
- Precision: +/- 0,01 mm
- Other diameters: on request

4 Manufacturing and Insertion of Repair Rings and L + Z Rings
For engine blocks

- Max. diameter: 600 mm
- Precision: +/- 0,01 mm
- Other diameters: on request

5 Special-sized Slide Bearings
Manufacturing of special-sized slide bearings in any execution. Repair and finishing of white metal bearings. For all engine types and compressors

- Max. diameter: 550 mm
- Other diameters: on request

6 Modern Large Crankshaft Grinding
Reconditioning and grinding of crankshafts

- Max. length: 8.000 mm
- Max. weight: 10.000 kg
- Max. lift: 350 mm (700 mm)

- Incoming inspection, concentricity check, crack detection and hardness test
- Documentation with a measurement data sheet before and after grinding
- Acceptance test of crankshafts by classification companies

7 Worldwide Service
We carry out on-site special work on engine systems and equipment worldwide. The fast and reliable deployment of highly qualified supervisors and service technicians is our strength.

8 Other Services

- Worldwide mobile service
- Manufacturing of slide bearings
- Mechanical manufacturing and processing
- Metall spraying and further processing of crankshafts and components
- Pumps and gears
- Marine and industrial engines
- Service for piston compressor systems
- Service for engines and turbochargers
- Service for cogeneration plants
- Service for emergency power systems
- Spare parts for engines, compressors, turbochargers and pumps

It's our pleasure to help you!

