

GAS ENGINES

PERFORMANCE WITH A FUTURE

BÜCKER + ESSING has been a reliable and reputed specialist for repairing gas and diesel engines for the past 55 years.

We know what it comes down to when running a co-generation plant: Whilst procurement and maintenance costs are important, availability is paramount. And whenever your gas engine is due for a scheduled professional overhaul, you know you will be facing a longer shutdown period.

OVERHAUL, MAINTENANCE, REPAIR

Be it scheduled inspections or to repair damage: We offer economic repair solutions for your gas engine that are tailored to your specific needs. Thanks to our modern CNC machine pool, we are able to reuse as many components as possible

by reworking them professionally in line with the manufacturers specifications at our plant. If it is too complex to remove the engine, we dispatch our mobile repair team. Thanks to our extensive array of mobile repair solutions, many damaged engines can be repaired in situ.

A GOOD SWAP

If time is of the essence, we have replacement MAN and MWM engines that we can install to keep your downtimes to the absolute minimum. All engines we stock have been professionally overhauled at our plant in line with manufacturer specifications and the quality guidelines of the engine repair directive (RAL-GZ 797). Your advantage: Maximum quality at an attractive price.

YOUR BENEFITS

- Incoming examination and damage analysis
- Overhauling in line with the maintenance plan for the leading manufacturers (MWM, MAN, Scania)
- Current value repairs in case of damage
- Mechanical repairs on site
- Original parts or parts in OEM quality
- Replacement engines that are ready for immediate installation on stock
- MWM Service partner
- Germany-wide removal and installation service

ENGINE REPAIRS: AN OVERVIEW OF OUR SERVICES

- Initial documentation of the engine
- Dismantling, cleaning and examination of the engine and attached parts
- Wear, crack and hardness test of the crankshaft and cam shafts
- Lapping or replacement of the crankshaft and cam shaft
- Measurement and inspection of the crank casing for damage
- Reworking of the crank casing as required (drilling bearing tunnels, repositioning bushing seats, levelling the block)
- Inspection and repair of the cylinder heads and/or replacement with AT-cylinder heads
- Replacement of the connecting rods with replacement parts and/or examination of the connecting rods and also installation of new bearing bushes
- Replacement of the cylinder liners, all bearings, pistons and piston rings
- Repair of the turbocharger
- Repair of the intercooler
- Final assembly, painting and tightness test before delivery



OTHER SERVICES

- Energy service incl. initial and scheduled maintenance of the co-generation plant
- Small series productions and modifications
- Gasification of diesel engines
- Component and spare part deliveries
- Documentation for customers and experts

ORDER NOW:

BÜCKER + ESSING GMBH

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