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Managing Directors: Klaus Friedrich, Michael Friedrich
Amtsgericht Stuttgart HRB 783559
USt-ID-No.:DE35 0949 264

Reconditioning of low pressure die casting machine



manufacturer : partnership

Product number:
RND3010

Description

Construction – machine frame

- Repair oft he machine frame
- Bearing replacement
- Sandblasting and pinting

Hydraulik

- Modernisaton of the hydraulic equipement (improved reliability and longer lifespan of components)
- Repair and replacement of the hydraulic units (pump, pump control, filtering in the return line and secondary circuit, temperature and fluid level control)
- Cylinder repair (seals, piston rod, cylinder tube)
- Replacement or repair of the steel installation
- Replacement of hoses
- Installation of the temperature protection on the exposed hoses

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Electrical equipment and control

Electrical equipment:

- Electric cabinet
- PLC SIEMENS S7
- Electro installation on the machine
- Sensors, PLC card for the temperature probes

Software:

- Automation of the machine – easy programming and storing of the casting programmes
- Setting of casting parameters for the machine operating (melt temperature, mold temperature)

Gas Equipment

- Renovation of the gas equipment for mould heating
- Renovation of the existing installation from the connection from the gas network to the burners on the machine

Colling cabinets

- Production of the cooling circuits for moulds cooling with air
- Regulation of the flows of the cooling air

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Casting machine protection fence

- Manufacturing of the casting machine protecting fence according to existing guidelines
- When casting with robots there will be automatic doors installed

Modernization of the hydraulic aggregate – extended lifespan

- Pump - change of the position if needed
- Manufacturing of the secondary filter circuit

Delivery time	on request
Price	on request

