

Reconditioning of gravity casting machine



manufacturer : partnership

Product number:
RKG2010

Description

Construction – machine frame

- Repair of the machine frame
- Bearing replacement
- Sandblasting and painting

Hydraulik

- Modernisation of the hydraulic equipment (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

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

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

- Manufacturing of the secondary filter circuit

on request

