

## Reconditioning of low pressure die casting machine



**manufacturer :**  
partnership

**Product number:**  
RND3010

### Description

Construction – machine frame

- Repair of the machine frame

#### Construction – 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

#### 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

