

Total or partial



### **CUSTOMIZED PROJECT**

- Analysis of your needs, definition of specifications, proposal of a technical solution adapted and costed.
- Design, solution development (mechanical, electrical, automation design office)
- Launch parts supply
- Realizations (assembly, mounting, wiring and adjustment of your machines)
- Shipping, delivery and machine installation in your building
- After sales service



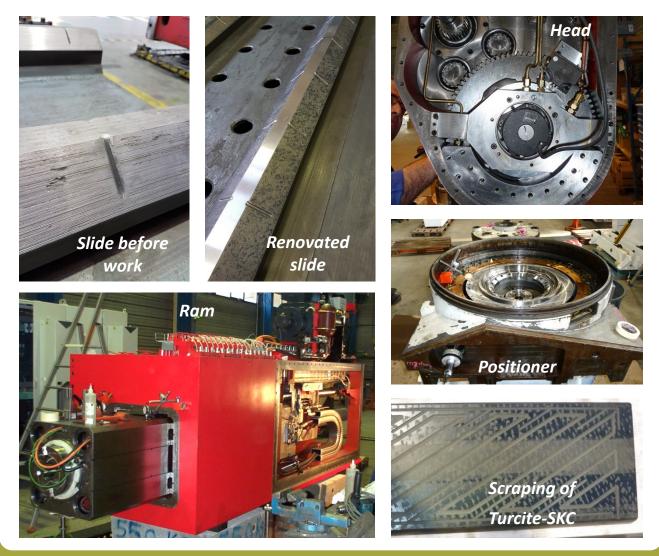




Total or partial

## **MECHANICAL / HYDRAULIC**

- Complete retrofit and / or replacement of mechanical / hydraulic components
- Renovation of sub-assemblies (head, spindle, positioner, gearbox...)
- Machine transformation (tool changer, extended ranges, conveyors)
- Machine carterisation modification
- Geometry and mechanical adjustment (rebuild, laser, levelling, scraping)





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## **ELECTRIC / AUTOMATION**

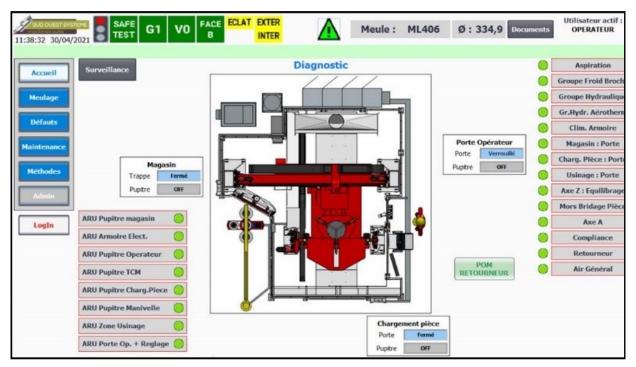
- Obsolescence study for implantation of recent technology materials
- Renovation or replacement of electrical cabinet
- Replacement of numerical control (NUM, Siemens, Fanuc, Heidenhain)
- Performance increase (speed, torque, powers)
- Replacement of motorizations, variators, controls
- Upgrading to standards (electrical safety, automation...)
- Specific HMI development, axis optimization





#### **MAINTENANCE 4.0**

• Specific HMI for locating faults



• Remote maintenance with remote repair of your machine



• Recovery of machine data (start, stop,

errors, etc.) in order to create performance

indicators

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#### **MISCELLANEOUS RETROFIT EXAMPLES**













MACHINE TOOLS - RENOVATION - MODERNIZATION - DESIGN AND CONSTRUCTION - ROBOTICS



Total or partial

#### **MISCELLANEOUS RETROFIT EXAMPLES / ELECTRICAL CABINETS**

