

## Hydraulic Ring Mills' Modernizations



### Story:

Founded in 1994 and initially specialized in process engineering and Industrial electrics, some years later ECAI carried out its first retrofit of a radial-axial ring mill, becoming quickly one of the main players also in the field of machine upgrades.

ECAI is always listening to its customers' needs to understand their problems trying to supply them with the best technical solutions.







## Electrics and Machine Control:

Based on its high and well-established experience in electrics and industrial process ECAI can offer to its customers fully customized solutions for complete or partial upgrades on hydraulic machines.

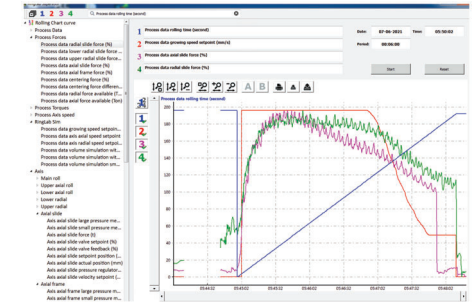
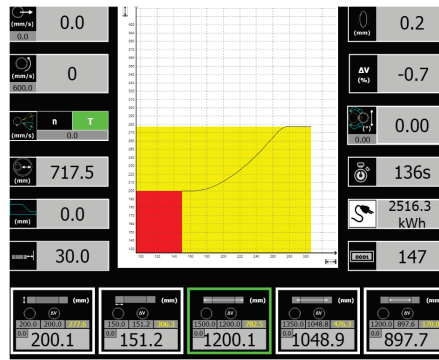
ECAI, as a SIEMENS Solution Partner in Automation and Drives, can offer innovative developments in the fields of process and motion control.

ECAI developed its own machine control software RingLab® based on a Beckhoff System as a completely open system.

RingLab® allows exchanges with a higher level via files in CSV (Excel) format or its open SQL database.

Thanks to RingLab® Supervisor, it is possible to track the recording of all rolling data (over 400 parameters). This can be done directly on the machine or on a computer connected to the machine.

The RingLab® software allows a performing and effective worldwide remote assistance.

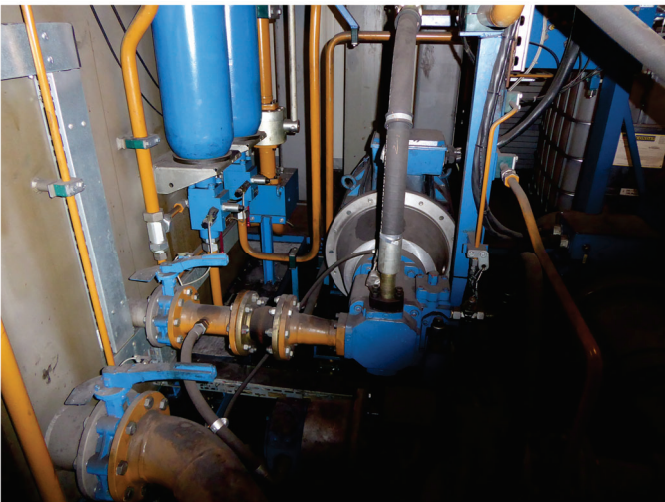


## Mechanics and Hydraulics:

Thanks to its established mechanical design department for the development of its new machinery ECAI has all the experience to dimension, design and modernize ring mill components.

ECAI can offer its own solutions for hydraulic retrofits, relying on its historical partner to realise them.

With its big network of qualified European suppliers both for mechanics and hydraulics ECAI is able to help customers finding specific spare parts and components.



## Key Benefits:

- Open technical solutions
- Customized state of the art works
- Human-sized company with strong technical skills
- An efficient after-sales service both on site and from remote

