



SPARES & SERVICE SOLUTIONS

SPARE PARTS

Our dedicated team of experts ensures that you are prepared for all contingencies and keep your production line up and running.

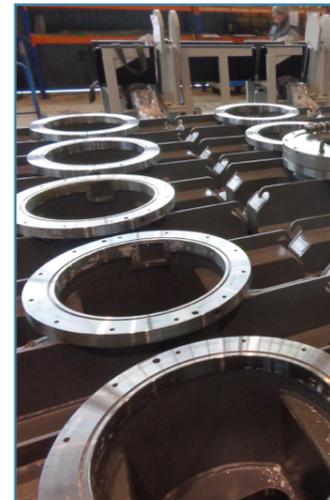
Fast delivery of spares worldwide.

SERVICES SOLUTIONS

Our committed technical team works constantly solving customers problems and helping with their expertise in mechanics, hydraulics and automation.

From annual maintenances, to adjustments or unexpected breakdowns, our team gives support to our customers for as long they own the equipment.

Our Teleservice package ensures your production at any time, helping your maintenance and production personnel by contact with the remote sources of Sarralle Rolling Mill.



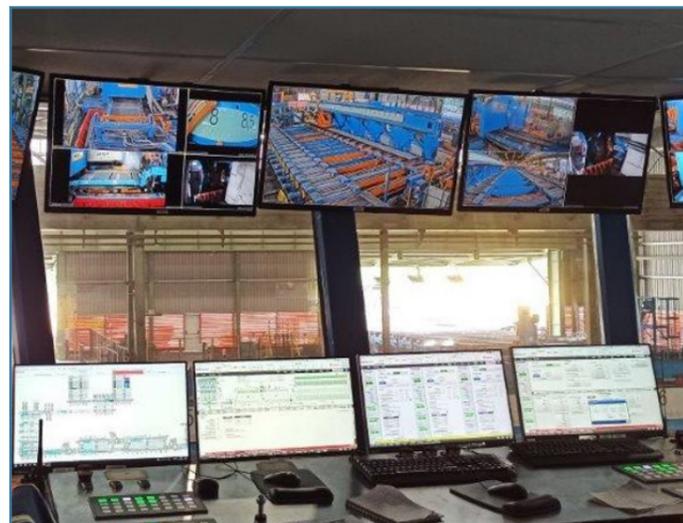
ELECTRICAL, CONTROL & AUTOMATION

Automation: Electrical Workshop

Latest state of the art automation solutions, featuring Distributed Control, Multilayer Architecture, Multiplatform Engineering and Scalable and Reusable Systems.

Using virtualization, integrating new generation field sensors, and providing remote support.

Electrical Engineering- MV/LV distribution, Drives AC/DC, Motor Design.



ELECTRICAL, CONTROL & AUTOMATION

Automation: Level I

Key PLC automation functions: Mill Cascade, Product tracking, Min Tension Control, Loop control, Material continuity detection, Impact drop compensation, Bar optimization, Shears control, Cooling bed control, Finishing end area control, Safety control.

HMI System for operator control in automatic, manual or emergency mode.



Automation: Level II

To comply with the high demands in quality and productivity, it is necessary to have an optimal automation system, including a TECHNOLOGICAL PROCESS CONTROL(TPS) system.

Level II collects data cyclically from numerous PLC- HMI (Level 1), customer's Level III (ERP-MES) systems and operator inputs.

The following functions area are an example of the Sarralle TPS modules: Tracking, Recipe management, Production management, Quality management, Downtime management, Reporting module, Process simulators, Consumables management.