

## Collaboration between KOCKS and AIC continues for an Indian Alloy-Steel manufacturer.

The collaboration between AIC and FRIEDRICH KOCKS GmbH Germany continues effectively with an important Alloy-Steel manufacturer in India.

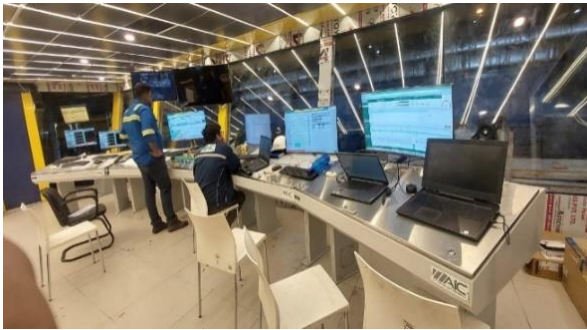
The combination of knowledge of Kocks and AIC allowed to optimize the processes and improve overall performance in the customer's operations. Achieving close tolerances for bars while improving efficiency and yields is crucial in steel manufacturing, as it can lead to cost savings, higher-quality products, and increased competitiveness in the market.

AIC has applied the software on Advanced Siemens Control systems developed for KOCKS 3-roll Reducing and Sizing Block; this has been integrated with the rolling mill control systems already revamped by AIC. The seamless integration between the Control and IGBT based Drive systems, including motors, enhanced the overall performance and efficiency of the rolling mill operations.

The supply consisted of:

- Automation Systems for RSB control based on S71500
- Drive Systems based on ACS880, IGBT based Rectifier unit Communication over Profinet
- Simotics HV- Asynchronous Motors
- Reporting and Scheduling Systems based on open-source technologies

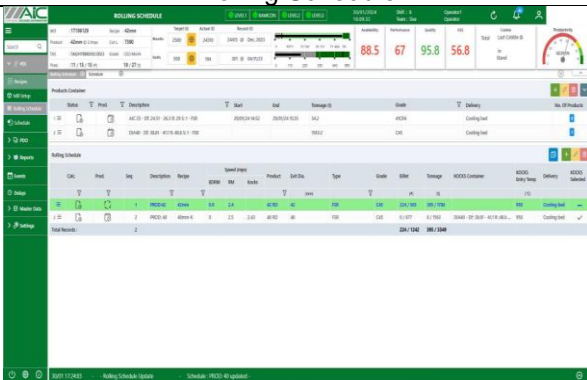
Main Pulpit control desks



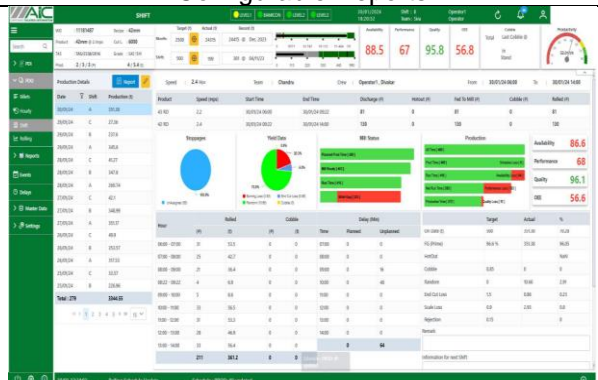
IGBT based ACS880 Drive panels



Rolling Schedule



Configurable Reports



The integration of a fully automatic system that sets up the mill through a recipe system, seamlessly integrated with the Human-Machine Interface (HMI) system, has provided significant benefit:

- A quick learning curve for the operators, allowing them to efficiently utilize the system and streamline production processes.
- The ability to ramp up production within just one week.

This shows the effectiveness of the solution offered in achieving productivity gains and realize faster returns on investments.

#### About Companies:

**AIC Group** is a technological partner with extensive experience and deep know-how and stands itself as a global power control supplier and system integrator designing, manufacturing, and implementing automation systems, process control, and mechatronic solutions for both greenfield and revamping projects. Focusing on the steel and metals industries for long and flat products, the Group provides cutting-edge technical solutions by handling complex project schedules and thus establishing satisfactory and remarkable partnerships through its 6 international offices. More than 45 years of modernization for endless reliability processes.

AIC decided to enter the Asian market in 2008, selecting India as a reference point and committing to invest in the country. As the CES unit for the Indian subcontinent, **AICIN** works closely with the other units and divisions within the Group.

**Friedrich KOCKS GmbH** was founded in 1946 in Germany and can count on an extensive experience and knowledge in 3-roll technology for special bar quality (SBQ) and tube production. The constancy of progress and new developments has made KOCKS a byword for excellence in the SBQ and seamless tube market.

#### For more information:

Katia Solvesi  
Head of Marketing  
Email: [katia.solvesi@aicenet.it](mailto:katia.solvesi@aicenet.it)  
Tel: +39 0365 826333



#### For business inquires:

Raghunath Thamattur  
Director, AIC India  
Email: [raghunath@aicnet.it](mailto:raghunath@aicnet.it)  
Tel: +91 80 2973 0867