

PRESS RELEASE

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Tenova Receives an Order from Baowu Group for the Revamping of a Pomini Fully Automatic Roll Shop

Castellanza, May 17, 2021 – China Baowu Steel Group Corporation Limited, leader in the global steel industry, awarded Tenova, a leading company specialized in sustainable solutions for the green transition of the metals industry, two contracts for the revamping of a fully automatic roll shop for its silicon steel plant at Baoshan Iron and Steel, in Baoshan, Shanghai, China. The scope of the contract includes the disassembly, relocation and revamping of **five Pomini roll grinders and two Pomini auto loaders with the complete automation system.**

In 2008, Pomini Tenova, worldwide leader in the production of roll grinders, supplied a fully automatic roll shop with five roll grinders and two auto loaders for the Cold Rolling Mill of the Group's Stainless Steel Branch. With this revamping, the previous roll shop will be transferred to the Baoshan Silicon Plant, where the customer is expanding its production of non-grain oriented silicon steel coils.

The current roll shop will be completely upgraded with the [most advanced automation system](#), which will integrate all grinders and loaders and introduce innovative technological solutions ensuring **the highest safety and quality standards.**

Moreover, among others, three new features will modernize Pomini's equipment: the new **NDT inspection system Inspekor3** with Eddy Currents and Creeping Waves for on-line roll surface and subsurface defect inspection; the new **Continuous Profile Compensation (CPC)** for true and undisturbed in-process measurement and correction of roll profile during grinding; and the innovative **Pomini Process Monitoring (PPM)**, allowing to optimize the grinding process parameters to reach the desired roll surface quality. **PPM** is also part of the **Digital Advanced Solutions** provided by Tenova, offering the latest Industry 4.0 developments and including [Tenova Edge](#), which enables process variable and data collection for Machine Condition Monitoring and Predictive Maintenance.

"Since 2001, we have managed to create a long-lasting collaboration with Baosteel Group (now Baowu Group), witnessed by a total of 130 references, including ninety-nine new roll grinders, ten auto loaders, and eleven revamping. This new order is a remarkable confirmation of Baowu Group's trust in Pomini, and we are proud to help the company achieve its goals through our reliable technology", stated **Livio Taccani**, Pomini Tenova Commercial Director.

The completion of the project is forecasted in summer 2022.

About Tenova

Tenova, a Techint Group company, is a worldwide partner for sustainable, innovative and reliable solutions in the metals and – through the well-known TAKRAF and DELKOR brands – in the mining industries. Tenova leverages a workforce of over 2,300 forward-thinking professionals located in 19 countries across 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.

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