

London, June 05, 2025

## Primetals Technologies Receives FAC from Jiangsu Shagang for Wire Rod Outlet Upgrade

- **Expands Shagang's market reach into the high-quality rod product market**
- **Enables low-temperature thermomechanical rolling**
- **Significantly improves dimensional tolerance and coil packaging for wire rod products**

Primetals Technologies has received the final acceptance certificate (FAC) from Jiangsu Shagang for the successful upgrade of the wire rod outlet and the rebuild of the Morgan Reducing/Sizing Mill within line No.3 at the company's sixth mill in Zhangjiagang City, Jiangsu Province, China. This project, part of a broader initiative to modernize Shagang's mills, focused on enhancing dimensional tolerance and mechanical properties. It marks the first of several planned wire rod outlet upgrades across Shagang's production lines.

Thanks to the modernization, finished rod products achieve improved tolerances and surface quality. Additionally, Jiangsu Shagang has received immediate positive feedback from the end-users regarding metallurgical and dimensional tolerance resulting from the upgrade.

The project's scope of supply included equipment for the rebuild of the reducing/sizing mill incorporating new guides, a new Morgan Intelligent Pinch Roll and sixth generation laying head, high-speed shear before the reducing/sizing mill, and a comprehensive mechatronics package. Engineering for the water-cooling line, the Morgan Stelmor Controlled Cooling Conveyor, and reform tub area, as well as site supervision services were also included.

### Quality Equipment Ensures Quality Product

A key part of the wire rod outlet's upgrade included a rebuild and relocation of the mill's Morgan Reducing/Sizing Mill by Primetals Technologies, including upgrades to the external gear box.

The Morgan Reducing/Sizing Mill is a high-performance rolling mill for high-quality steel wire rod that reduces and sizes the wire rod to precise dimensions according to mill production parameters. Its high precision and combination of modern technologies enables low-temperature thermomechanical rolling, allowing a more refined microstructure that can reduce or even eliminate costly downstream annealing processes.

## A Long-Standing Partnership

This upgrade marks yet another successful project with Jiangsu Shagang in a 30 plus-year partnership between the two companies. Primetals Technologies has installed nine wire rod mills in Jiangsu Shagang's Zhangjiagang City location since 1992 and three wire rod mills at the Dongbei location since 2007.

Jiangsu Shagang Group, located in Zhangjiagang City, is a major steel manufacturer founded in 1975. The company produces deformed, special bar, wire, plate, and special forged steel products used in a wide range of industries worldwide.



Hot coil on the Morgan Stelmor Cooling Conveyor from Primetals Technologies at Jiangsu Shagang's line No.3.

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