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Primetals Technologies Partners with Polytec for TrimRob: A Robotic Coil Trimming and Sampling Solution

- **TrimRob marks the first strategic robotics collaboration between Primetals Technologies and Polytec**
- **TrimRob automates coil trimming and sampling for wire rod mill production lines**
- **The robot enhances operator safety by reducing repetitive movements and removing operators from unsafe conditions**

Primetals Technologies is pleased to announce a strategic partnership with Polytec, a global leader in robotic solutions, for the development and commercialization of TrimRob, the industry's first foundry-rated robotic system designed to automate the trimming and sampling process for wire rod mills.

Improved Coil Management

This collaboration leverages Primetals Technologies' extensive long rolling industry expertise and decade-long robotics experience with Polytec's cutting-edge capabilities in automation, robotics, and artificial intelligence. The result is a highly accurate, repeatable, and self-contained robotic solution for efficient coil finishing.

Traditional coil trimming is labor-intensive, hazardous, and highly repetitive for operators. TrimRob effectively eliminates these risks by seamlessly integrating into existing production lines, offering an advanced approach to coil management with its ability to handle a wide range of product sizes and grades.

Consistent Product Quality

Equipped with a state-of-the-art vision system combined with a specialized trimming end-effector, TrimRob automates trimming and sampling tasks with high precision and repeatability – enhancing overall mill productivity. From accurately counting individual coil rings, detecting tangles and overlaps, to executing trimming and sampling without operator intervention, the system enables a reliable alternative to traditional methods.

By removing operators from congested and hazardous areas, wire rod mills can significantly improve safety, reduce maintenance, and achieve consistent product quality while advancing toward higher levels of automation.

About Polytec

Polytec is a globally present leader in robotics for the steel industry. Founded as an automation system integrator, the company specializes in solutions that combine robotics, artificial intelligence, process automation, and software to enhance safety, improve productivity, and ensure full process traceability, supporting manufacturing companies in their transformation into smart factories.



TrimRob autonomous coil trimming and sampling robot from Primetals Technologies.

This **press release** and a **royalty-free picture** are available at www.primetals.com/press/

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