

London, May 03, 2023

Modernized processing line started up at German tinplate producer

- **Modernization of electrics and automation systems at slitting line improves effectiveness and availability**
- **Fast production ramp-up and minimized shutdown period**

Primetals Technologies has started up a modernized slitting line at thyssenkrupp Rasselstein's steel plant in Andernach, Germany. Primetals Technologies upgraded the Level 1 automation system and the drive system at slitting line No. 1.

Several aspects were important to thyssenkrupp Rasselstein when choosing Primetals Technologies as the supplier. Thanks to a standardized and adaptable automation solution, the shutdown period was minimized, and full production was ensured just three days after startup. The proven automation solution and good experiences from another recent project were two other decisive factors.

Simplified operation

Primetals Technologies was responsible for engineering, project management, and implementation of the new solution. The standard Level 1 automation solution for finishing lines was, during the engineering phase, adapted to the specific needs of thyssenkrupp Rasselstein. The result features all-in-one software for all relevant automation-related aspects, including line coordination, sequence and support functions, material tracking, diagnostics, data management, and auxiliary control functions. Primetals Technologies has also supplied thyssenkrupp Rasselstein with new AC and DC drive technologies, a hydraulic drive control system, and a software safety solution for the operation of the slitting line.

The project includes a state-of-the-art visual human-machine interface, which features an intuitive design and advanced diagnostics functions. The new system makes it easier to operate the slitting line. In addition, maintenance work can now be executed even more efficiently because of the much-improved diagnostics for the slitting line.

Increased availability

Thanks to the modernization project, thyssenkrupp Rasselstein can expect higher availability levels for the slitting line. Securing an ample supply of spare parts will also be significantly simpler going forward, as the line now conforms to the most modern standards.

Established in 1760, thyssenkrupp Rasselstein manufactures tinned or special chromium-plated sheet at thicknesses from 0.100 to 0.499 mm. Over 90 percent of the steel finds its application in the packaging sector, while the material is also used in the automotive and electronics industries. Today, the company supplies around 400 customers in 80 countries, making it one of the largest packaging manufacturers in Europe.



Markus Reth, project manager at thyssenkrupp Rasselstein, and Jann Vogelgesang, project manager at Primetals Technologies, on site in Andernach.

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

Contact for journalists:

Björn Westin, Press Officer
bjoern.westin@primetals.com
Mob. +43 664 6150250

Follow us on social media:

[linkedin.com/company/primetals](https://www.linkedin.com/company/primetals)

[facebook.com/primetals](https://www.facebook.com/primetals)

twitter.com/primetals

Primetals Technologies, Limited
A Group Company of Mitsubishi Heavy Industries
Communications

Chiswick Park, Building 11, 566
Chiswick High Road
W4 5YS London
United Kingdom

Primetals Technologies, Limited, headquartered in London, United Kingdom, is a pioneer and world leader in the fields of engineering, plant building, and the provision of lifecycle services for the metals industry. The company offers a complete technology, product, and services portfolio that includes integrated electrics and automation, digitalization, and environmental solutions. This covers every step of the iron and steel production chain—from the raw materials to the finished product—and includes the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a Group Company of Mitsubishi Heavy Industries, with around 7,000 employees worldwide. To learn more about Primetals Technologies, visit the company website www.primetals.com.