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## Primetals Technologies to modernize rolling mill drives for AMAG rolling in Austria

- **New drive technology to increase availability**
- **Short conversion time minimizes plant shutdown**

Primetals Technologies has won an order from AMAG rolling GmbH, located in Ranshofen, Austria, to modernize the entire drive technology on its four-high hot rolling stand. The project includes the supply of the motors, converters and converter transformers, as well as couplings, disk brakes, mechanical adaptations and spare parts. Primetals Technologies is responsible for the layout, engineering, project management and training of the operator's personnel, and will also handle the dismantling, installation and commissioning of the components. The purpose of the project is to increase plant availability. The modernization is scheduled to take place during a brief plant shutdown at the end of 2015.

AMAG rolling GmbH is a globally active manufacturer of high-quality rolled aluminum products. The company belongs to the Austrian AMAG Group. It is one of the leading premium suppliers of high-quality cast and rolled aluminum products, which are used in a wide range of industries, such as the aircraft, automotive, sports equipment, lighting, mechanical engineering, construction and packaging industries.

Primetals Technologies is implementing a solution for the four-high hot rolling stand that is based on a front motor/rear motor arrangement for the stand, as well as individual motors for the coilers and uncoilers. Sinamics Active Front End converters feed the rugged, water-cooled induction motors. A Sinamics SM150 converter drives the two 3.3 kV rolling motors, each of which has a power of 3,300 kW and a speed ranging from 240 to 600 rpm. Sinamics S120 converters drive the 690 V coiler motors, each of which has a power of 950 kW and a speed ranging from 330 to 1,200 rpm, as well as the driver motors and trimming shear. The new drive technology will replace the existing Siemens DC

infeeds and third-party DC motors. The conversion and commissioning is scheduled to take place during a brief plant shutdown at the end of 2015.



Strip production at AMAG rolling GmbH in Ranshofen, Austria. Primetals Technologies is going to modernize the entire drive technology of the four-high hot rolling stand (photo: AMAG rolling GmbH)

This press release and a **press picture** is available at [www.primetals.com/press/](http://www.primetals.com/press/)

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**Primetals Technologies, Limited**, headquartered in Frimley, Camberley, United Kingdom, is a worldwide leading engineering, plant-building and lifecycle partner for the metals industry. The company offers a complete technology, product and service portfolio that includes the integrated electrics, automation and environmental solutions. This covers every step of the iron and steel production chain that extends from the raw materials to the finished product – in addition to the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a joint venture of Mitsubishi Heavy Industries (MHI) and Siemens. Mitsubishi-Hitachi Metals Machinery (MHMM) - an MHI consolidated group company with equity participation by Hitachi, Ltd. and IHI Corporation - holds a 51% stake and Siemens a 49% stake in the company. The company employs around 9,000 employees worldwide. Further information is available on the Internet at [www.primetals.com](http://www.primetals.com).