
London, August 9, 2016

Primetals Technologies wins another order from aluminum producer AMAG rolling to modernize rolling stands

- **New drive technology will increase availability**
- **Follow-up order after successful modernization of four-high hot rolling stand in 2015**

Primetals Technologies has won an order from AMAG rolling GmbH, an Austrian aluminum producer, to modernize the drive technology on the four-high cold rolling stand in its Ranshofen plant. The order covers not only the supply of the motors, converters and converter transformers, but also the couplings, disk brakes and mechanical adaptations. Primetals Technologies is, in addition, handling the design, engineering, project management and training as well as the removal and assembly of components, repairs and the supply of spare parts. The purpose of the project is to increase plant availability. The conversion and commissioning work is scheduled to take place during a brief plant shutdown at the end of 2016. Primetals Technologies previously modernized the drive technology of the four-high hot rolling stand in 2015.

The drive solution to be implemented on the four-high cold rolling stand consists of a front/back motor layout for the stand and the coiler, and a single motor assembly for the uncoiler. The rugged, water-cooled induction motors from Siemens are fed by Sinamics Active Front End converters. A Sinamics SM150 converter drives the two 3.3 kV mill motors, each of which has a power rating of 2,200 kW and a speed ranging from 300 to 750 rpm. Sinamics S120 converters drive the 690 V coiler motors, each of which is rated at 500 kW and a speed ranging from 320 to 1050 rpm.

Conversion and commissioning are scheduled to take place during a brief plant shutdown at the end of 2016. The challenge will be to convert the rolling stand with as little adaptation work as possible and the shortest possible interruption to production.

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



Aluminum strip production at AMAG rolling GmbH in Ranshofen, Austria. Primetals Technologies is modernizing the drive technology of the four-high cold rolling stand (photo: AMAG rolling GmbH)

This press release and a press photo are available at

www.primetals.com/press/

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Primetals Technologies, Limited headquartered in London, United Kingdom is a worldwide leading engineering, plant-building and lifecycle services partner for the metals industry. The company offers a complete technology, product and service portfolio that includes integrated electrics, automation and environmental solutions. This covers every step of the iron and steel production chain, extending 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 the IHI Corporation - holds a 51% stake and Siemens a 49% stake in the joint venture. The company employs around 7,000 employees worldwide. Further information is available on the Internet at www.primetals.com.