Primetals Technologies ships highest capacity roll unit for Chinese wire rod mill

- Highest capacity available for high speed finishing stands
- New roll unit has 40-long ton (394 kN) separating force
- Rolls at low temperatures and high speeds

Primetals Technologies has produced the market’s highest capacity 250 mm ultra heavy-duty (UHD) roll unit for high speed wire rod mills in the first phase of a high speed wire rod mill upgrade for a major Chinese steel producer. The new roll unit, shipped in May from the company’s manufacturing center in Worcester, Massachusetts, USA, will be used as a finishing block in its mill.

As a high speed finishing stand, the new roll unit’s 394 kN (40 long ton) separating force allows the customer to roll larger sizes at lower temperatures, enabling thermomechanical rolling in the wire rod mill at temperatures as low as 750°C. The mill is designed to roll at speeds up to 120 m/s and can roll sizes up to 28 mm in diameter. This is the first major modernization of a rolling mill originally supplied in the late 1990s by Morgan Construction, a predecessor company of Primetals Technologies.
Highest capacity 250 mm ultra heavy-duty (UHD) roll unit for high speed wire rod mills from Primetals Technologies prior to shipment.

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

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