

PRESS RELEASE

Düsseldorf, December 04, 2018

Fuzhou Wuhang Steel orders TMbaR mill from SMS group

Production of fine-grained products by
thermomechanical rolling



The SMS HSD[®] system in operation at Luoyuan Minguang,
near Fuzhou Wuhang.

Fuzhou Wuhang, China, has placed an order with SMS group to upgrade its existing mill with the TMbaR technology for thermomechanical rolling of rebar. This is the third order for a TMbaR mill in China within one year, right after Yancheng Lianxin Steel and Laigang Yongfeng Steel placed their orders.

Fuzhou Wuhang, located in the Changle District of Fuzhou, focuses on the economic and efficient production of structural steel products. It has an annual capacity of about two million tons.

The new line will be designed for an annual production of 700,000 tons of rebar in diameters ranging between 10 and 18 millimeters at a maximum rolling speed of 45 meters per second and the possibility to produce rounds in the 14 to 20 millimeter range. SMS group will supply all key equipment including the electrics and the automation package. The plant is scheduled to be started up by mid 2019.

Fuzhou Wuhang chose SMS group's TMbaR technology in order to be able to respond to the ever increasing quality requirements in the market while cutting production costs. Technological highlights of the equipment to be supplied are the well proven loop technology which allows achieving an ideal temperature across the feeder section within an optimized mill bay length, and SMS group's MEERdrive[®] finishing blocks. The single drive concept of these blocks provides utmost technological and economic benefits over other drive concepts in terms of overall processing costs. The robust cartridge-type design makes for consistently high performance with minimized maintenance requirements. The equipment has been specially designed for long rolling campaigns under the high rolling load demanded by the TMbaR process. In combination with the state-of-the-art High Speed Delivery (HSD[®]) system, the TMbaR technology offers exceptional technological and economical benefits which have convinced Fuzhou Wuhang to place this order with SMS group.

By putting its trust in the long-standing experience of SMS group and in the advanced TMbaR technology, Fuzhou Wuhang is expanding the cooperation between Wuhang and SMS group and will be able to respond better and faster to market demands, achieve improved material properties and save on alloys and operating costs.

SMS group is a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. It has some 14,000 employees who generate worldwide sales of about EUR 3 billion. The sole owner of the holding company SMS GmbH is the Familie Weiss Foundation.