

PRESS RELEASE

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Jianlong Beiman commissions SMS group to supply core components for high-speed wire rod mill



Among others, SMS group will supply to Jianlong Beiman a loop layer for its high-speed wire rod mill.

Jianlong Beiman Special Steel Co., Ltd., based in Qiqihar, China, has awarded SMS group a contract to supply core components for a high-speed wire rod mill for quality steel.

The centerpiece of the new wire rod mill, which has an

annual capacity of 500,000 tons, is the ten-stand wire rod finishing block. To comply with the high metallurgical requirements of the finished products, the wire rod mill has been designed for low-temperature rolling.

This is achieved by installing a cooling and equalizing loop upstream of the block. The rolling schedule includes wire rod with diameters from 5.5 to 25 millimeters, and rebar with diameters ranging from 6 to 16 millimeters, which are finish-rolled at speeds of up to 115 meters per second.

In addition to the wire rod finishing block, the scope of supply also includes two cantilever compact roughing stands, the group of shears upstream of the block, and the loop laying head including pinch roll unit. What's more, SMS group is also supplying the design for the LCC[®] (Loop Cooling Conveyor) with three-fan technology, as well as the coil handling system.

To allow the plant to be extended at a later date, space has also been set aside for further water boxes and a MEERdrive^{®PLUS} block, ensuring the plant is equipped to handle closer tolerances.

Commissioning will take place in spring 2019.

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 13,500 employees who generate worldwide sales of more than EUR 3 billion. The sole owner of the holding company SMS GmbH is the Familie Weiss Foundation.