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PRESS RELEASE

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Order for SMS Demag AG

Yingkou places order for two-stand heavy-plate mill

Minmetals Yingkou Medium Plate Co. Ltd., China, has placed an order with SMS Demag, Germany, for the construction of a heavy-plate mill, including the pertaining electrical and automation systems. The new works will be built in Yingkou in the Liaoning Province in northeastern China.

The annual capacity of the plant will initially be approx. 2 million t and can be expanded to 2.3 million t. The focus of production is on pipe grades, shipbuilding plates, high-strength structural plates as well as plates for the construction of pressure vessels and boilers.

For the new heavy-plate mill, SMS Demag will supply the mechanical equipment, electrical and automation systems for the entire process line with roughing and finishing stands, plate cooling system, hot-plate leveler, cooling and inspection beds, shear line and finishing line, including the cold-plate leveler.

Both mill stands have a rolling force of 120 MN each and therefore rank among the most powerful in the world. They are designed for the rolling of plates up to a thickness of 420 mm. The finishing stand is equipped with the CVC plus[®] technology. The plate cooling system is designed as a laminar cooling system. Provision has already been made for expanding the system to include the pre-leveler and spray cooling. In order to ensure a smooth cutting edge also for extremely high-strength plates, the cropping and dividing shears have a closed-type design. The patented cold-plate leveler can be operated in the nine- or five-roll mode with an extended leveling range.

Commissioning of the plant is scheduled for autumn 2009. The entire automation system will be set up in our test field beforehand and tested according to the Plug & Work concept. Plug & Work simulates the production sequence and allows the automation functions to be tested and optimized under realistic conditions prior to installation in the works.

Minmetals Yingkou Medium Plate Co. Ltd. is part of China Minmetals Corp., one of the most important trading companies for steel and nonferrous metals in China.

(35 lines with max. 55 letters)

SMS GmbH is the holding for a group of companies internationally active in plant construction and mechanical engineering relating to the processing of steel, non-ferrous metals and plastics. The group is divided on the one hand into the Business Areas SMS Demag and SMS Meer under SMS metallurgy and, on the other hand, into the Business Area SMS Plastics Technology. In the year 2005 some 9,250 employees worldwide generated a turnover of about EUR 2.33 bn.