

PRESS RELEASE

Düsseldorf, June 12, 2008

New order from South Korea

Posco order for X-roll[®] heavy-plate rolling mill

Posco, South Korea, has awarded SMS Demag AG, a company of the SMS group, Germany, a contract for the supply of a 5.5-m X-Roll[®] heavy-plate rolling mill. Our supplies include the high-pressure descaler, roughing stand with flanged-on vertical edger, finishing stand, plate cooling system with pre-leveler, hot plate leveler, shear line and cold plate leveler.

With its annual production of more than 3.5 million t, Posco is one of the world's leading producers of heavy plates and with its new facility intends to serve mainly the growing market for high-strength plates.

The new mill will be set up in Gwangyang on the Korean south coast and will start operations in mid-2010. It is rated for the production of plates which are 6 to 200 mm thick and between 900 and 5,400 mm wide. The annual production in the first stage of construction will amount to 2.0 million t of finished plates.

The roughing and finishing stands each have a rolling force of 120 MN and thus rank among the world's most powerful mill stands. In the area of plate cooling we will set up a spray cooling system according to the SMS Demag-developed concept which features pinch rolls and a pre-leveler in the entry area. The shear line will consist of a crop shear, double side trimmer, slitting and cross-cut shears. All shears operate to the rolling-cut principle, cutting high-strength plates which are up to 50 mm thick. For Posco's new mill we will supply a hot-plate leveler plus a cold-plate leveler in 9/5 design with an extended leveling range, thus ensuring excellent plate flatness.

(27 lines with max. 55 letters)