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## **Qinhuangdao Shouqin to expand its plate mill capacity**

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Qinhuangdao Shouqin Metal Materials, China has placed an order with SMS Demag a company of the SMS group, Germany for the extension of its heavy plate rolling mill. The supply scope comprises a four high roughing stand, a shearing line with double side trimmer, slitting and cross-cut shears and a cold plate leveler. The facilities will become operational by summer 2010.

The 4.3 meter wide heavy plate mill, built by SMS Demag went into operation in October 2006. The installation of the roughing stand will raise the production capacity from 1.2 million tonnes to 1.8 million tonnes per year. The roughing stand has a rolling force of 90 MN and is equipped with hydraulic roll gap adjustment systems.

To process the increased output of plates, Qinhuangdao Shouqin has ordered a second shearing line, consisting of a double-side trimmer, a slitting shear and a cross cut shear. All shears operate according to the proven rolling cut principle. The cross cut shear is constructed in closed type design and is equipped with a movable limit stop for the exact setting of plate length.

The cold plate leveler can function with nine and five leveler rolls, and this gives it an extended leveling range. Optimum setting of the roll gap is made possible by the hydraulic individual adjustment of all leveler rolls in conjunction with the individual drives. The pertaining leveling model is likewise part of the supply scope.

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