

PRESS RELEASE

Düsseldorf, May 5, 2010

SMS Meer supplies VCC[®] rolling mill to Daehan Steel in South Korea

Daehan Steel, South Korea, has placed an order with SMS Meer, Germany, for the supply of a VCC[®] (Vertical Compact Coiler) rolling mill for compact coils. The mill with an annual capacity of 450,000 t will be the world's first rolling mill that concentrates exclusively on the production of compact coils.

SMS Meer is to supply the key equipment, such as six housingless stands each in H/V arrangement for the roughing and intermediate trains, an eight-stand finishing block in V arrangement, heat treatment equipment, VCC[®] facilities, the electrical equipment and the automation system. In addition, SMS Meer will be responsible for the coordination of the erection and commissioning.

The production line processes billet sizes of 130 x 130 mm. It is planned that the mill will be expanded to cover billet sizes of 150 x 150 mm.

The rebar sizes correspond to the Korean standard D10 to D16; the production of corresponding round bar sizes is also possible.

The VCC[®] plant is currently regarded as the most modern hot coiling process. The VCC[®] technology is also highly suitable for integration into older plants with wire rod blocks and loop laying heads in order to permit production of compact and stable coils.

The vertical compact coiler (VCC[®]) from SMS Meer can wind bars directly in vertical position. Thanks to this technology, customers can do without turning manipulators in future. The pass time is significantly reduced with the VCC[®] system, as the coils are already formed in their natural finished position.

The plant is scheduled to go into operation in April 2011.

(28 lines with max. 55 letters)