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PRESS RELEASE

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Follow-up order from Vietnam

Hoa Sen Group continues to trust in reversing cold mill technology from SMS group

Vietnamese cold strip producer Hoa Sen Group has awarded the Indian joint venture partner of SMS group (www.sms-group.com), Esmech Equipment Pvt. Ltd., the order for the full-line supply of a second twin-stand reversing cold mill. The mill of the CCM[®] type (Compact Cold Mill) will be set up at the new cold rolling facility of Hoa Sen Group in Vinh City in the central Vietnamese province of Nghe An.

Beside the first CCM[®], which is scheduled to go on stream in mid-2017, Hoa Sen has already been operating a reversing cold mill (RCM) supplied by Esmech Equipment Pvt. Ltd. at its Phu My location in South Vietnam since 2015.

The most recently ordered second CCM[®] will be installed in the same bay as the first one. The two mills will be facing one another, an arrangement highly beneficial in terms of coil logistics.

Included in the supply scope of the twin-stand CCM[®] are the pay-off and two reversing reels, so that the finished coils can be removed from the entry or the exit side.

The CCM[®] will be designed for rolling low carbon steel at a nominal annual capacity of 350,000 tons. The minimum final gage rolled by the mill will be 0.11 millimeters.

SMS group will supply the quality determining components of the rolling technology from Germany. Both six-high stands, for example, will be fitted with CVC[®]plus technology. This, in combination with positive and negative work and intermediate roll bending and other proven rolling technologies, will provide outstanding strip thickness and flatness results while achieving high operating efficiency. The X-Shape flatness measuring and control system from SMS group in connection with two X-Shape flatness measuring rolls as core components will guarantee excellent flatness results. The flatness measuring rolls are characterized by robust design and a reliably high measuring accuracy. Further, the CCM[®] will be equipped with a blow-off system at both the entry and exit for efficient removal of surplus lubrication from the strip surface, ensuring high cleanness of the strip surface. The supply scope will be completed by high and low pressure hydraulic systems and the emulsion plant. SMS India is supplying the complete electrical equipment and the automation system.

The second CCM[®] is scheduled to go on stream by the end of 2017.

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Caption: Conceptual design of a twin-stand CCM[®] supplied by SMS group to Hoa Sen Group.

The SMS group is a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. Its 14,000 employees generate sales of over EUR 3.3 bn.