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**PRESS RELEASE**

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Follow-up order to double cold strip capacity

**International Steels Limited (ISL) orders second Compact Cold Mill from SMS group**

In February 2017, Pakistani cold strip producer International Steels Limited (ISL) placed an order with SMS group ([www.sms-group.com](http://www.sms-group.com)) for the full-line supply of a twin-stand CCM<sup>®</sup> (Compact Cold Mill) in four-high design.

In the course of the systematic expansion of its production facilities, ISL trusts one more time in flexible and reliable SMS group technology. Since 2011, the Pakistani cold strip producer, located in Karachi, has been operating a reversing cold mill from SMS group. In 2015, the mill was extended into a twin-stand CCM<sup>®</sup>. The second CCM<sup>®</sup> will be installed in a new building adjacent to the existing one. The current annual cold strip capacity of 450,000 tons will be increased to 900,000 tons in total. The new CCM<sup>®</sup> is scheduled to go into production as early as in summer 2018.

The new reversing cold mill will be designed for rolling carbon steel strips in widths of up to 1,250 millimeters with final gages down to 0.15 millimeters. The strips will be rolled at speeds of up to 1,200 meters per minute using very thin work rolls. These rolls, with minimum diameters of 300 millimeters, will achieve high pass reductions and efficient plant operation.

Like in the case of the previously installed plants, SMS group will supply the quality determining components such as the mill stands and drive trains from Germany. The two mill stands in four-high design will come with CVC<sup>®</sup>plus technology in combination with negative and positive work roll bending and two X-Shape flatness measuring rolls. Of the latter, one will be installed in the entry and one in the exit section of the CCM<sup>®</sup>. In addition, provision will be made for ISL to retrofit a multizone cooling system in the future, in order to be able to meet any further increasing strip quality requirements, especially in terms of strip flatness. Various features, such as the equipment for quick work roll changes, will make for high productivity.

ISL puts special emphasis on SMS group's supplying the complete mechatronic equipment from a single source. This will guarantee smooth interaction between the mechanical equipment and the X-Pact<sup>®</sup> electrical and automation systems. The automation system will cover level 1 including the controls for all rolling mill functions as well as level 2 complete with pass schedule calculation. To ensure highest strip quality, the scope of X-Pact<sup>®</sup> supplies will include the latest of measuring technology.

SMS group will also supply the media systems including the emulsion plant, the high and low pressure hydraulic systems and the fume exhaust system.

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Already in 2015, SMS group had installed the first CCM<sup>®</sup> in Pakistan.

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.