

SMS group successfully commissioned the Compact Cold Mill at Aisha Steel Mills Limited

By rolling the first coil,

SMS group (www.sms-group.com) has successfully put into operation the new CCM® (Compact Cold Mill) of Aisha Steel Mills Limited (ASML) in Karachi, Pakistan. Since 2015, this has already been the third successful installation of the two-stand type of cold rolling mill by SMS group in Pakistan.

The CCM® at ASML is designed for an annual cold strip production capacity of 500,000 tons. The new facility enables ASML to supply the local market with high-grade cold strip according to international standards and helps the company to make its contribution to reducing the country's dependency on high-quality cold strip imports. The products rolled on the CCM® are up to 1,250 millimeters wide and down to 0.15 millimeters thin.

The CCM® features two mill stands in four-high design with the proven roll shifting technology CVC®plus (Continuously Variable Crown) by SMS group. CVC®plus is supplemented by further actuators to infinitely adjust the roll gap, for example positive and negative work roll bending. The quality-determining technical highlights of the plant include two X-Shape flatness measurement

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rolls, installed at the entry and exit sides, together with multi-zone cooling system and automatic flatness control.

The highly productive CCM® is equipped with the holistic X-Pact® electrical and automation system from SMS group. SMS group supplied the complete plant with all auxiliary equipment, such as modern technological instrumentation, emulsion plant, high- and low-pressure hydraulics as well as the fume exhaust system.

With this CCM® from SMS group, ASML operates a high-quality and modern plant technology suited to meet present and future requirements.

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Overview of the CCM® provided with two four-high mill stands, entry- and exit-side as well as roll change equipment.

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One of the two mill stands in CVC®plus four-high design.

On May 17, 2019, the first coil was successfully rolled on the new CCM® of Aisha Steel and was signed by the members of the project team. SMS group is a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. It has some 14,000 employees who generate worldwide sales of more than EUR 2.8 billion. The sole owner of the holding company SMS GmbH is the Familie Weiss Foundation.