

Phone: +49 211 881-4449
Fax: +49 211 881-774449
Mobile: +49 151 40226502
E-mail: thilo.sagermann@sms-group.com
Thilo Sagermann

PRESS RELEASE

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VCC[®] technology comes to Colombia

Ternium Barranquilla orders VCC[®] line from SMS group

Ternium del Atlántico SAS, has placed an order with SMS group (www.sms-group.com) for the supply and installation of the VCC[®] technology (Vertical Compact Coiler) for its bar mill in Palmar de Varela, Barranquilla, Colombia.

SMS group's VCC[®] is today's state-of-the-art solution for producing compact and torsion-free coils, and is now increasingly in demand by rebar processors. The compact coil is a crucial step forward in improving the pack-up quality of the final product. These coils have preselected dimensions that, thanks to VCC[®], remain consistent for all products processed on the same line. At the same time, the compact coil size is ideal for storage, transport and handling. This is particularly beneficial when coils are reworked next to construction sites, where there is a build-up of rebar stirrups and other concrete reinforcing structures, especially in metropolitan areas with many space constraints. These are the preconditions that convinced Ternium to integrate this VCC[®] technology into the existing bar mill.

Once in operation, the plant will produce rebars from eight to 16 millimeters in diameter at speeds of up to 35 meters per second. The output will be 120 tons per hour with a coil weight of up to three tons.

One of the most important features of VCC[®] is its method of coiling the bar directly in the vertical position. Plant operators can therefore eliminate the need for turning manipulators and at the same time reduce the process cycle time, as all coils are formed in the final position. The coils are ready to be stored immediately once coiling has been completed and the coils have cooled down.

This order sets the score to 20 VCC[®] units supplied by SMS group worldwide since 1998 and is another important achievement demonstrating again SMS group's expertise and position as a reliable and leading partner in the world of metals for plant supply, installation, startup and commissioning. The result is 543 facilities for wire rod, SBQ and special applications, bars and merchant products the company has supplied since 1950.

(36 Zeilen à max. 65 Zeichen)



From left to right: Filippo Verlezza, Area Sales Manager, SMS group; Norberto Gonzales, Project Manager, Ternium.



VCC[®] coils in warehouse.

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 13,500 employees who generate worldwide sales of more than EUR 3 billion. The sole owner of the holding company SMS GmbH is the Familie Weiss Foundation.