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**PRESS RELEASE**

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Reversing cold mills from SMS group for aspiring market

**SMS group to supply third six-high cold mill to Nam Kim Steel**

Vietnamese steel producer Nam Kim Steel Joint Stock Company has reiterated their trust in SMS group technology ([www.sms-group.com](http://www.sms-group.com)) by ordering a third cold rolling mill from Esmech Equipment Pvt, Ltd., an Indian joint venture company of SMS group.

Nam Kim Steel has been systematically expanding their production facilities located in the Binh Duong Province, near Ho Chi Minh City, trusting in equipment and technology from SMS group.

Esmech already supplied a first six-high CVCplus<sup>®</sup> Reversing Cold Mill (RCM) to Nam Kim. That mill has been in operation since 2015. Furthermore, installation of a two-stand Compact Cold Mill (CCM<sup>®</sup>), also in six-high CVCplus<sup>®</sup> design, is underway at Nam Kim.

Commissioning is scheduled to take place early in 2017.

The most recent order is a seamless continuation of the previous mill supplies. With both the first RCM and the CCM<sup>®</sup> installed, Nam Kim Steel will already boast a nominal capacity of almost 650,000 tons per year. By integrating the second RCM, Nam Kim Steel will add another 200,000 tons of production capacity per year. That additional capacity will be ready to use in the second quarter of 2017.

The core rolling technological components of the new mill will be manufactured by SMS group in Germany, as had also been the case with the two previously supplied mills. The supply will be complete with X-Pact® electrical and automation systems and an X-Shape flatness measurement and control system.

The plant concept comprises a pay-off reel and two reversing reels, one at the entry and one the exit side, for winding the thin rolled strips. For a careful start of winding of the thin strips, the reversing reels will be provided with belt wrappers running around spools.

The new RCM will roll strips between 650 and 1,250 millimeter wide down to final gages of a minimum of 0.11 millimeters from entry thicknesses of up to four millimeters. Maximum rolling speed will be 1,400 meters per minute.

The required strip quality is ensured by proven actuators, such as the CVCplus® technology developed by SMS group, which will be used in combination with positive and negative work and intermediate roll bending. The RCM will also feature premium-quality measurement equipment such as the X-Shape flatness measurement roll, which stands out for its high sturdiness due to the fact that its surface is completely closed, the highly precise flatness measurements and the very reliable and maintenance-free optical signal transmission. Two such rolls will be installed, one at the entry and one at the exit side of the mill.

The supply scope will also comprise all necessary auxiliary equipment, such as high and low-pressure hydraulics, the emulsion plant and fume exhaust and filter systems.



Nam Kim Steel's RCM, in operation since 2015, will soon be complemented by a second RCM of identical design.

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.