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## **PRESS RELEASE**

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### High flexibility and close dimensional tolerances with 3-roll precision sizing mill

#### **Xingcheng Special Steel has placed an order with SMS group for the modernization of bar mill No. 1**

The Chinese company Jiangyin Xingcheng Special Steel Works Co., Ltd. from Jiangyin, Jiangsu Province, China, has placed an order with the SMS group ([www.sms-group.com](http://www.sms-group.com)) for the modernization of its SBQ mill "Bar Mill No. 1". The bar mill that has an annual capacity of 1,000,000 tons will thereby be expanded to include a 3-roll precision sizing mill (PSM<sup>®</sup>) of type 450/4.

The high-performance bar mill with its capacity of more than 330 tons per hour will then be able to achieve closer rolling tolerances than is the case today. Thanks to the possibility of free-size rolling, all diameters in the range from 40 to 130 millimeters can be very flexibly rolled from a small number of feed cross-sections. The hydraulic adjustment of the rolls that permits roll gap control under load allows dimensional deviations due to temperature or material behavior to be equalized. A complete workshop for roll changing and adjustment in the cassettes, including an optical setting gage, also forms part of the SMS group scope of supply.

Xingcheng Special Steel is considered one of the largest roller bearing steel producers in the world, but also produces a wide range of other quality steels. Around 6.9 million tons of steel are produced per year at the sites in Jiangyin and Wuxi.

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High flexibility and close dimensional tolerances with 3-roll precision sizing mill of SMS 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.