

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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Best available technology for premium-quality aluminum strips

Henan Mingtai Aluminium awards order for supply of new cold mill for wide aluminum strip to SMS group

Henan Mingtai Al. Industrial Co., Ltd., located in Gongyi, China, has awarded SMS group (www.sms-group.com) the order to supply a six-high cold rolling mill for wide aluminum strips.

The wide range of products to be rolled on the new cold mill, including grades from soft to hard from the alloy groups AA1xxx to 8xxx, strip widths up to 2,650 millimeters, and strip for body-in-white automotive applications, makes particular demands on the production equipment. Henan Mingtai therefore decided for a cold rolling mill in six-high design, using the highly flexible CVCplus[®] roll shifting technology from SMS group.

The new cold rolling mill will make Henan Mingtai the owner of the fourth aluminum cold mill from SMS group for strip wider than 2.6 meters in China.

The high strip quality will be ensured by the well-proven interaction of CVCplus[®], multi-spot work roll cooling as well as work-roll and intermediate-roll bending system.

The phenomenon of tight edges which is typical during cold rolling of aluminum will be tackled by the new inductive roll barrel heating system. This most compact and efficient technology ensures precise heating of the work rolls in the strip-edge area and needs only part of the energy consumed by a conventional control system using hot rolling oil (hot edge spray systems).

All core components of the mechanical equipment will be manufactured in the workshops of SMS group in Germany and offer the customer excellent equipment quality as a basis for highest quality of the rolled products.

With the confidence placed again in the experience and quality of SMS group, the order for this new mill increases the long list of references to now 33 orders received from China for the supply of aluminum cold rolling mills built by SMS group.

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Six-high cold rolling mill for aluminum from 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.