

## **ABB supplies advanced drives to Chinese steel maker**

*US\$ 20 million order supports greenfield mill project for Jiangsu Shagang Group*

Zurich, Switzerland, February 13, 2004 – ABB, the leading power and automation technology group, said today it has received a US\$ 20 million contract from China's Jiangsu Shagang Group Co., Ltd. to supply all drive systems and power supply equipment for a "greenfield" heavy plate rolling mill.

The new mill will be built near Shanghai in Jiangsu Province in cooperation with the engineering firm Voest-Alpine Industrieanlagenbau of Austria.

"This project continues a long line of achievements for ABB in China's metals industries," said Dinesh Paliwal, head of ABB's Automation Technologies division. "The combination of our core motors and drives technology and metals processing expertise is helping customers across Asia meet their capacity and precision goals."

ABB's rolling mill expertise and state-of-the-art drive systems were cited as factors deciding the key project role. Rolling mill operations are characterized by rapidly varying loads, fast changes between driving and braking, and constant torque over a wide speed range, so moving equipment must function with high precision and overload capability.

ABB will supply several advanced drives solutions, including two ABB 11.5 MW main motors.

Jiangsu Shagang Group is one of China's leading steel producers, and aims to increase annual production capacity for rolled steel to ten million tons by 2005. The new rolling mill is scheduled to produce its first plates in widths up to five meters within 28 months.

ABB ([www.abb.com](http://www.abb.com)) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 120,000 people.

*For more information please contact:*

**Media Relations:**  
**ABB Corporate Communications, Zurich**  
Wolfram Eberhardt  
Tel: +41 43 317 6512  
Fax: +41 43 317 7958  
[media.relations@ch.abb.com](mailto:media.relations@ch.abb.com)

**Investor Relations:**  
Switzerland: Tel. +41 43 317 3804  
Sweden: Tel. +46 21 325 719  
USA: Tel. +1 203 750 7743  
[investor.relations@ch.abb.com](mailto:investor.relations@ch.abb.com)