



## Taiyuan Iron & Steel takes the Value-added Path

Taiyuan Iron & Steel Co. Ltd., China's largest stainless steel smelter by output, is banking on high-tech products to turn the tide amid an industry slowdown.

While the rest of the Chinese steel producers are grappling with falling prices and rising trade disputes, TISCO, with an annual production capacity of 10 million metric tons, is making waves at home and abroad with its advanced technologies.

In overseas market, the company has enjoyed success with its value-added products like high-grade pipeline steel, duplex stainless steel and hot rolled coils. These products are being increasingly used for oil pipelines, sea water desalination and LNG ship construction.

Han Yi, assistant to the marketing director at TISCO, said that last year, high-tech products, steel for train compartments and ultra-pure ferrite stainless steel exports perked up considerably. Exports to countries in North America, Europe and Asia increased significantly, he said.

In November, TISCO won the bid for supplying twisted steel for the Temburong ocean bridge in Brunei. It was also the first time that the company successfully exported its indigenous twisted steel, with excellent anti-corrosive properties, high density, low weight, minimal maintenance and longer durability.

To further tap into the overseas market, TISCO signed a partnership agreement with



China Minmetals Corp. in October, a major metals and minerals trading company.

Li Xiaobo, chairman of TISCO, said that the two companies, as leaders in their respective fields, had a lot of business overlaps and hence decided to team up to tackle the current industrial challenges. The two sides are planning tie-ups in logistics, e-commerce, overseas resources and on sales channels, he said.

"The steel industry overcapacity is mostly in low-end products such as crude steel," said Chen Ziqi, deputy director of the metallurgical and building material department of China International Engineering Consulting Corp.

On the domestic front, TISCO has been supplying axle steel for China's high-speed trains, which require top quality parts to guarantee fast speeds.

"The faster the train runs, the more solid the axle has to be to resist the strong impact and twists," said Wang Yuling, chief researcher of the technological center. "The axle partly sustains the whole weight of the train. Therefore it must be made of hard material."

In 2007, the technological center achieved a major technological breakthrough in axles for high-speed trains. These axles have been installed in high speed trains running in China and in those exported.

"Our company's axle steel is ranked numero uno in terms of quality. Nine out of 10 car axles in China are made out of steel produced by our company," said Wang.

## Sutor Technology Group Succeeds in Trial Production of CR Steel



Sutor Technology Group Limited, one of the leading China-based manufacturers and customized service providers for fine finished steel products used by a variety of downstream applications, announced that it succeeded in its trial production of self-developed pre-painted cold-rolled steel ("PPCR steel"). The new developed PPCR steel will meet all color painting and future deep stamping process requirements.

With environmental requirements becoming more and more strict in China's more developed regions, Sutor developed the PPCR steel aiming to replace the existing technology used in some industries where paints are mainly sprayed on cold-rolled steel,

which will significantly improve pollution issues associated with the existing old-style technology. The newly developed PPCR steel is a pre-painted product based on cold-rolled steel. It not only provides bright and smooth surface, but also preserves cold-rolled steel's future processing capability. PPCR steel will maintain its originally painted color under 180 degree's cold

bending and meet future deep stamping process requirements. This new PPCR steel products can be used specifically in metal barrels, or more broadly in isolation materials, door sheets and other interior decoration areas.

Ms. Lifang Chen, Chairwoman and CEO of Sutor commented, "As part of our continuing efforts to strengthening our Company's operating philosophy 'Green Manufacturing', we are not only committed to energy conservation and environment protection in our own daily operations, but also make efforts to improve the whole industry. We believe, solid technology and creativity are foundation for enterprise competitiveness and success."