

**Headquarters:**  
via Monte Rosa, 93 - 20149 Milan / Italy  
Phone +39 02 4384.1 - Fax +39 02 4693026  
tenova@tenovagroup.com  
ISO 9001:2000



**P R E S S  
R E L E A S E**

**Contact:**  
Marina Landi +39 010 6054475, marina.landi@it.tenovagroup.com

## **TENOVA TO SUPPLY FOUR ELECTROLYTIC LINES IN CHINA**

**Milan, February 3rd, 2010.** Yi Chang Three Gorges Quan Tong Colored and Galvanized Plate Co. Ltd., China has awarded to Tenova, Italy contracts for the supply of two high-speed Electrolytic Tinning Lines equipped with insoluble anodes technology and two high-speed Electrolytic Chromium Coating Lines.

All four lines shall process thin strip material for the packaging market. The process section will run as fast as 450 m/min with the entry & exit sections running at 600 m/min. The lines are designed for a strip 1250 mm wide and 0.14-0.55 mm thick.

The target annual production is 250,000 t.

Each line includes two uncoilers, laser welding machine, side trimmer, vertical entry accumulator, cleaning & pickling sections, tension leveler, plating section vertical exit accumulator, inspection and flying shear with two recoilers.

The Chromium Coating Lines shall employ a state of the art two steps plating technology. This two step plating process allows for a more precise and independent control of both the metallic chrome layer as well as the chrome oxide layer of the coating.

The insoluble anodes technology is the heart of the plating process of Tenova tinning lines, based on proprietary patent. The proven technology of this system allows achieving a very low tin loss in the sludge (less than 4%) and several other advantages ranging from cost savings to the environmental compatibility of the plant, from easier operating procedures to higher operational safety.

Specially Tenova designed edge-masks shall be employed for improving the tin-plate quality on the edges while allowing a fast and easy inspection and access to the cell.

The target of these lines is to produce tinplate for meeting the demands of the high-quality market.

The plants are to be constructed in record time and first coils will leave the production lines already in mid 2011.

Tenova designs and supplies advanced technologies, products and services for the metal and mining industries. Tenova operates close to its customers through a network of 33 companies based on the 5 continents. For more information visit our website at [www.tenovagroup.com](http://www.tenovagroup.com).