

PRESS RELEASE

Düsseldorf, June 24, 2009

China Steel Corporation, Taiwan:

**X-Cast[®] continuous slab caster successfully commissioned
by SMS Siemag AG**

China Steel Corporation (CSC), Taiwan, has successfully commissioned a two-strand continuous slab caster in cooperation with SMS Siemag, a company of the SMS group, Germany. The facility, erected at the Kaohsiung location, is designed for a maximum casting speed of 2.2 m/min and used for producing an annual 2.6 million t of steel slabs in the gages 230 and 250 mm.

The SMS Siemag supply scope comprised the basic and detail engineering as well as the supply of all mechanical core components and the entire electrical and automation system, including the technological control systems.

The hydraulically operated resonance oscillator and the remote-controlled mold narrow faces for width change during casting allow the casting width to be altered as required between 900 and 1,680 mm during operation. In addition to this technology and equipment from SMS Siemag's Intelligent Slab Casting[®] package, modules have been integrated from the X-Pact[®] electrical and automation solution.

The mold level control, the mold monitoring system, the metallurgical process model Dynamic Solidification Calculation (DSC) and the Dynamic Soft Reduction make it possible to produce segregation-free slabs in consistently good internal quality.

The complete automation was prepared and put into operation by using the proven Plug & Work method. Plug & Work simulates the production sequence and allows the automation functions to be tested and optimized under realistic conditions prior to installation in the works.

China Steel operates Taiwan's largest integrated steel plant. With this plant, SMS Siemag has already supplied the fifth continuous caster to CSC.

X-Cast[®] is an SMS Siemag trademark from the Continuous Casting Division. It is the brand name for plants and technologies that set standards for the economical production of high-quality slabs.

(34 lines with max. 55 letters)