

PRESS RELEASE

Düsseldorf, April 25, 2007

Order for Concast AG

Two minimills for Tianjin Iron & Steel Co Ltd.

Tianjin Iron and Steel Co. Ltd., China, and Concast, Switzerland, have concluded a contract for the supply of two electric steelworks. The supply scope for the engineering and the plants contains two arc furnaces, each with a capacity of 110 t, two ladle furnaces, a VD facility, a continuous billet caster and a continuous bloom caster.

The two works at the Tianjin location will jointly utilize a number of general plants and ancillary facilities. The arc furnaces are designed for charging with up to 40 % hot metal. However, plans are also being made for an operating practice with 100 % scrap, which can be loaded with a scrap bucket.

Both furnaces will be operated with 80-MVA transformers and, in addition to a Concast electrode positioning control with SCAD system (Slag Control and Detection), will also be equipped with performance-optimized CONSO systems for the introduction of chemical energy and for rapid decarburization.

Altogether, up to 2.25 million t of crude steel are to be produced on the two facilities. The steel will either be cast on the high-speed billet caster, with section size 160 x 160 mm, or on the modern bloom caster. This caster can produce sizes up to 310 mm round. Both casters are to be equipped with Concast Convex[®] technology and with electromagnetic mold stirrers.

Commissioning is scheduled for 2008.

(24 lines with max. 55 letters)

SMS GmbH is the holding for a group of companies internationally active in plant construction and mechanical engineering relating to the processing of steel, nonferrous metals and plastics. The group is divided on the one hand into the Business Areas SMS Demag and SMS Meer under SMS metallurgy and, on the other hand, into the Business Area SMS Plastics Technology. In the year 2006 some 9,000 employees worldwide generated a turnover of about EUR 2.8 bn.