

Phone: +49 (0) 211 881-4449
Fax: +49 (0) 211 881-4386
E-mail: thilo.sagermann@sms-group.com
Thilo Sagermann

PRESS RELEASE

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Order for SMS Demag AG

Jindal South West orders a continuous caster

Jindal South West Steel Ltd. (JSW) has awarded to SMS Demag, Germany, an order for the supply of a continuous caster for the Toranagallu, India, location.

The plant to be supplied is a single-strand continuous slab caster, designed for the production of 1.8 million t of slabs per year. At a maximum casting speed of 1.85 m/min, the plant will produce slabs with a thickness of 220 mm. If required, it can be converted to the thicknesses 260 and 300 mm.

The spring-guided, hydraulically actuated mold, with resonance oscillation is equipped with remote adjustment of the narrow faces. This enables the casting width to be adapted between 1,000 and 2,200 mm during operation.

Besides the above technology from SMS Demag's Intelligent Slab Casting® package, modules will be implemented from the X-Pact® range of electrical and automation solutions:

The MLC (Mold Level Control) prevents the level of steel in the mold from fluctuating excessively and ensures that the slab surfaces will be of optimum quality due to the uniform development of a casting-powder lubricating film.

The MMS (Mold Monitoring System) continuously records the integral heat flow density of the mold for visualization of the slab surface temperature. The temperature data are transmitted, for example, to the BPS (Breakout Prediction System) in order to enhance the plant availability and productivity by means of an early-warning system against impending breakouts of the strand shell.

The supply scope further includes erection supervision, training of the operating personnel and commissioning.

JSW will also cast micro-alloyed and HSLA steels on the plant and thus satisfy the growing need for automotive grades in India.

Commissioning is scheduled for early 2008.

(32 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, non-ferrous 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 2005 some 9,250 employees worldwide generated a turnover of about EUR 2.33 bn.