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PRESS RELEASE

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Continuous casting technology for Japan

Tokyo Steel orders a two-strand slab caster from SMS Demag AG

Tokyo Steel Mfg. Co. Ltd., Japan, has awarded to SMS Demag, a company of the SMS group, Germany, an order to supply a two-strand slab caster for the works in the Japanese town of Tahara.

The slab caster is designed for an annual production of 2.4 million t of steel slabs. It is a vertical bending plant, constructed with 16 segments for a metallurgical length of 35 meters, and it will attain a maximum casting speed of 2.2 m/min.

The SMS Demag supply scope comprises the complete engineering and all of the mechanical and electrical components, from the ladle turret to the runout roller table. The X-Pact® electrical and automation systems, including the process models, training of the customer's personnel and supervision of erection and commissioning, are likewise services from SMS Demag.

The Intelligent Slab Casting® package contains technologies which have an essential influence on quality, such as dynamic Soft Reduction, variable spot cooling, quenching and Dynamic Solidification Control (DSC) with air-mist secondary cooling (water, air) and a width-dependent spraying system. The homogeneous internal quality of the slabs is achieved by the smooth and problem-free interplay of these technologies.

The supply scope likewise includes the mold with hydraulic resonance oscillation and the Mold Monitoring System.

The new facility will be used predominantly for casting ULC and IF grades as well as low- and medium-carbon grades.

The works in Tahara is being erected completely new as the fifth production facility of Tokyo Steel. This order represents already the second order awarded to SMS Demag by Tokyo Steel for the new Tahara complex. Our customer is Japan’s largest producer of electric steel.

Commissioning is scheduled for 2009.

(33 lines with max. 55 letters)