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PRESS RELEASE

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Continuous caster successfully commissioned

Jindal Steel & Power produces India's thickest and widest slabs

SMS Demag AG, a company of the SMS group, Germany, has successfully commissioned a continuous casting installation at the Raigarh works of Jindal Steel & Power Ltd. (JSPL), India.

The single-strand caster is designed for an annual output of 1 million t of slabs which vary in width between 1,800 and 2,600 mm and are 215, 250 or 280 mm thick. JSPL thus produces India's thickest and widest slabs.

SMS Demag's services included the basic and detail engineering plus the supply of the ladle turret, all casting floor equipment, the mold level control system, hydraulically powered resonance oscillator, the components of the runout section, the hydraulic system as well as the complete electrical and automation systems.

A particularly noteworthy feature of this commissioning job is the origin of the mechanical components of the strand guide system. They were installed in a slab caster which SMS Demag had originally commissioned at a German customer in 1979. In 1996, the circular-arc caster was converted to a vertical bending unit. This revamp required the replacement of the base frame, mold and segments. These components were then warehoused and more than ten years later purchased by JSPL.

In addition, the original casting thickness of 215 mm was augmented by the sizes of 250 and 280 mm.

Our customer JSPL uses the installation to cast structural steels, high-strength microalloyed steels and pipe and tube grades.

(27 lines with max. 55 letters)