
8 strand billet caster commissioned at JSW Vijayanagar

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JSW Steel Ltd located in Toranagallu in the state of Karnataka in India has commissioned the first eight-strand billet caster on the Indian subcontinent together with SMS Concast.

The billet caster delivered by SMS Concast is part of JSW's expansion program "Cheetah" which will bring the production capacity at the Vijayanagar works to 7 million tonne per year. The billet caster comprises the technology and equipment for open and submerged casting. It is designed for a production capacity of 1.7 million tonnes of billets per year.

The high speed caster contains the convex mold technology, electromagnetic mold stirring, hydraulic mold oscillation and the Conseal IV technology. The production process is directly tuned to the downstream wire rod and rebars rolling mills with hot discharging route.

Furthermore, SMS Concast has delivered the full automation software including Level-2 CONTROLWARE which is linked to the Level-3 system of the plant.

The successful conclusion of the project was possible thanks to the close and highly purposeful cooperation between JSW and SMS Concast.

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