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Jeevaka Industries Orders New Billet Caster and High-Speed Rebar Outlet from Primetals Technologies

- **Billet caster with high-speed cutting mechanism for streamlined processing**
- **New high-speed rebar outlet will enhance mill uptime and reliability**
- **Faster production speeds, leading to increased production rate and efficiency**
- **Advanced equipment will enable Jeevaka's expansion into new markets**

Indian steel producer Jeevaka Industries Private Limited has tasked Primetals Technologies with the implementation of a 3-strand billet caster and a high-speed rebar outlet at its new steel mill in Hyderabad, Telangana. Startup is expected in the first half of 2026. With the comprehensive scope of mill and casting equipment, along with high-performance machines, this project highlights Primetals Technologies' strengths as a full-liner for long product production.

The billet caster will be supplied by Concast India Private Ltd., a wholly owned subsidiary of Primetals Technologies. It will produce 100- to 200-millimeter square sections. Key mechanical scope also encompasses a reliable dummy bar system, an individual-type ladle sequencing car handling ladles with a capacity up to 50 tons of liquid steel, and a diagonal up-cut type hydraulic hot billet shear.

Featuring a high-speed cutting mechanism, the billet shear ensures faster processing of billets while minimizing waste and operational costs.

Expanding Production Capabilities

The new single strand rebar outlet will roll 350,000 tons of 8-40 millimeter rebar per year at a speed of 45 meters per second, making it one of the fastest rebar rolling mills in the world. A strong portfolio of Tier 1 references, as well as presenting the most cost-effective solution were the two main factors which contributed to Jeevaka's choice of mill supplier.

The scope of supply includes an 8-stand eDrive Morgan No-Twist Mill, pre-no-twist mill shear, divide shear, Morgan Water Box with trough, delivery pipes, two bar-braking pinch rolls, and a rotary entry system – all of which incorporating Level 1 automation for the full mill.

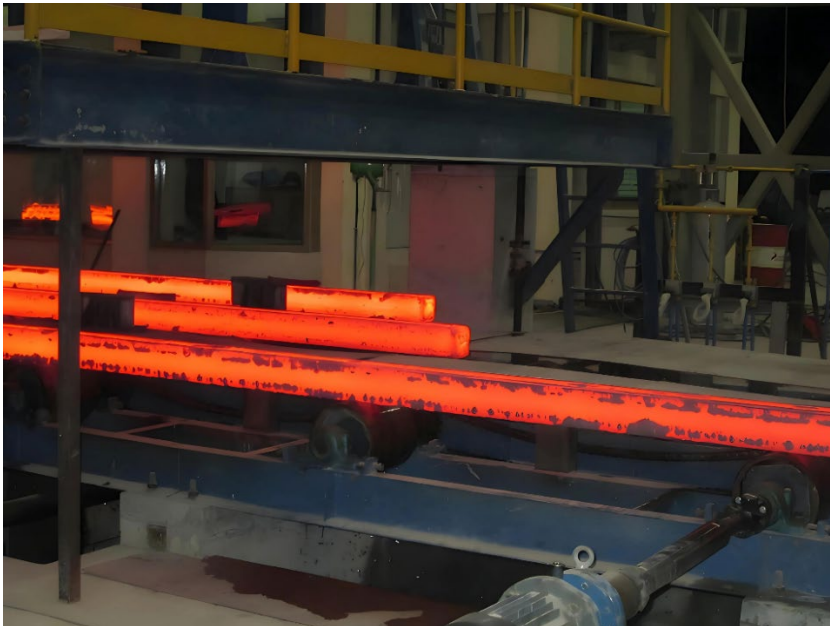
Advanced Equipment Advances Mill Production

The new equipment will significantly enhance Jeevaka's production capabilities and enable expansion into new markets across India. The Morgan No-Twist Mill incorporates eDrive technology, one of Primetals Technologies' latest innovations. The eDrive system utilizes innovations in electrical drives and motor technologies to combine with the mechanical components of the Morgan No-Twist Mill. Utilizing individually driven stands, eDrive provides infinite processing flexibility per stand, reducing both capital and operational expenditures for bar, rebar, and wire rod mills.

The Morgan Water Box provides efficient, in-line product temperature control. The included Long Rolling Enhanced Temperature Control System provides precise monitoring and control of stock temperature, ensuring desired properties throughout the rolling process.

A Long-Standing Partnership

Founded in 1996, Jeevaka produces and manufactures specialized structural steel products for the pre-engineered building industry. From high-grade billets, the company manufactures beams, channels, angles, flats and squares used in the construction of bridges, dams, highways, buildings, power plants, and more throughout India. Concast (India) and Jeevaka share a long-standing partnership. For example, Concast (India) supplied a 2-strand caster that has been in successful operation for sixteen years, producing high-quality billets.



Concast (India), a Primetals Technologies group company, will implement a 3-strand billet caster at Indian customer Jeevaka.



Primetals Technologies will implement an 8-stand eDrive No-Twist Mill at Jeevaka Industries.

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