

PRESS RELEASE

Düsseldorf, July 26, 2011

Order for SMS Siemag from India

**SMS Siemag receives an order from JSW Steel Limited to
construct a pickling line/tandem cold mill**

JSW Steel Limited has placed an order with SMS Siemag, Germany, for the supply of a pickling line/tandem cold mill at its location in Toranagallu Vidyanagar (Bellary), India.

The pickling line/tandem cold mill will have an annual capacity of 2.3 million t of cold strip in widths up to 1,890 mm. On the new pickling line/tandem cold mill, JSW will be producing strips in high-quality steel grades as from 2013 and supplying these to the automotive industry.

The SMS Siemag supply scope includes the entry section, equipped with two payoff reel groups and with an SMS Siemag laser welder which enables also those strips of difficult weldability to be joined together. A tension leveler prepares the strip for the pickling process in the three downstream pickling tanks. The turbulence-pickling technology allows optimum descaling with low consumption of energy and acid as well as reduced maintenance and operating costs. In addition, an integrated trimming shear sets the desired strip width and straightens the strip edges. Altogether, three horizontal strip accumulators are integrated into the line and ensure continuous strip travel.

The five mill stands of the tandem mill are designed as six-high stands and are equipped with the new combined CVC[®] plus/ESS technology (Continuously Variable Crown/Enhanced Shifting System). The roll-gap adjustment range made available by this technology allows optimum results as regards strip gage and flatness, even in cases where the product range is extremely broad. A further decisive argument for JSW was the possibility of retrofitting an EDC[®] system (Edge Drop Control) without great expenditure.

In the exit section, the strips are coiled by a carrousel reel at a minimum final gage of 0.3 mm. A particularly compact design is achieved for the exit section of the tandem cold mill by combining the carrousel reel and the downstream inline strip inspection station. The short and efficient inspection cycle times attained with this system make a substantial contribution to quality assurance. This enables JSW to also satisfy the enhanced requirements of its automotive customers and to cater more comprehensively for this demanding group of customers.

The supply scope for JSW Steel Limited also includes the auxiliary facilities, comprising coil conveyor system, coil banding machine, exhaust systems, utility system and a separate inspection line for monitoring the strip quality.

Following a CCM[®] (Compact Cold Mill) and a skin-pass mill, this is already the third cold rolling mill supplied by SMS Siemag to JSW Steel Limited.

(46 lines with max. 55 letters)