

PRESS RELEASE

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Order for SMS Siemag from Malaysia

Bahru Stainless requests SMS Siemag to supply a 20-roll cold mill for the production of stainless-steel strip

In Johor Bahru, Malaysia, a new cold rolling complex is being built for Bahru Stainless, a subsidiary of the Spanish Acerinox Group, one of the world's largest stainless-steel producers.

For this complex, SMS Siemag, Germany, is supplying a 20-roll cold mill of type MB 22B-52". This plant type is compact and robust and its outstanding feature is its high mill stand stiffness. For Bahru Stainless the decisive factor in placing the order was SMS Siemag's many years of experience in the design and manufacture of 20-roll mill stands for stainless-steel strips. The supply scope comprises the design, manufacture, erection and commissioning of the mechanical equipment, and the auxiliary and ancillary facilities. The SUPAFINE® filter system developed by SMS Siemag will ensure the environment-friendly cleaning and cooling of the rolling oil. Owing to the topographical position, the supply scope includes a water cooling tower for the supply of cooling water to the rolling-oil filter system and to the electrical drives.

The new cold rolling mill is designed for rolling austenitic and ferritic strip grades with a maximum strip width of 1,320 mm down to a minimum final gage of 0.15 mm. The maximum rolling speed is 800 m/min. The high deformation allows a thickness reduction of up to 90 percent to be achieved. The mill stand is equipped with hydraulic roll gap control, roll crown adjusting systems and a device for shifting the inner intermediate rolls.

Also included in the order for SMS Siemag are a payoff group with downstream leveler and a crop shear for reduction of non-productive times. The entry and exit groups contain reversing high-tension reels for strip tensions up to 500 kN.

The core components of the mill are fabricated, pre-assembled and tested in SMS Siemag's Hilchenbach workshops in conformity with our well-known high standards of quality. An advantage of the modular type of construction is that completely pre-assembled functional units can be delivered, enabling erection and installation to be carried out within a short time at the customer. The mill is scheduled to go into operation already in December 2012.

(37 lines with max. 55 letters)