

# Baoshan Iron & Steel orders a 20-roll mill, a continuous annealing line and a continuous pickling line for special materials



Baoshan Iron & Steel Co., Ltd. Special Steel Branch (BSSB), China, has placed an order with SMS Demag, a company of the SMS group, Germany, for the supply of a continuous annealing line and a continuous pickling line for hot and cold strip as well as a 20-roll cold mill. These facilities will process strips made of special grades such as nickel- and titanium-based alloys and special stainless steels. They will go into operation in Shanghai in early 2010.

In view of the demanding, high performance materials, a flexible plant configuration was chosen for the annealing and pickling

lines. The usual coupled arrangement of annealing and pickling was dispensed with. Instead, separate annealing and pickling lines were installed that could process cold and hot strip. Each of the two lines is designed for an annual production of around 160,000 t.

The 20-roll cold mill rolls the annealed and pickled strips down from their maximum entry gages of 7.1 mm to minimum final gages of 0.3 mm. The strip widths are in the range of 600 to 1,300 mm. The SMS group is, under the roof of the holding SMS GmbH, a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metal industry. It consists of the two Business Areas SMS Demag and SMS Meer, which jointly form SMS *et al*lurgy. In 2006, some 9,000 employees worldwide generated a turnover of about EUR 2.8 bn. The total drive power of the MonoBlock stand, of series MB 22B-52", amounts to 9,700 kW and the maximum rolling speed is 600 m/min. The strips produced on the lines are used in the manufacture of tubes and pipes, boilers and pressure vessels and in shipbuilding, mechanical engineering, steel building construction and bridge-building. The steel produced satisfies the stringent requirements relating to anticorrosion and anti-wear properties.

As a part of the firm's extension of production capacities for special and stainless steel grades, BSSB ordered a Steckel rolling mill from SMS Demag in summer 2007.

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## Salem Steel Plant Conducts Medical Camp



Under its CSR initiatives, the Salem Steel Plant, a special steel plant of the Steel Authority of India Limited, is actively engaged in taking the medical services beyond the boundaries to the peripheral villages in and around Salem City to 20-30 Kms. The fifth medical camp of Salem Steel Plant this financial year was held at Jalluthupatti, a comparatively remote hamlet in

Panamarathupatti Panchayat, where the villagers do not have access to modern medical facilities. Around 315 patients were screened at the camp and free medicines were issued to them.

Shri BB Singh, Executive Director, SSP, inaugurated the camp in the presence of Smt TamilSelvi, Panchayat President. Shri TK Mazumdar, General Manager (P&A) and senior officers of the plant also participated. The camp was conducted by a team of doctors headed by Dr TN Muralidhara, Chief (M&HS) of SSP, Dr K Thanigainathan, Dr R Sinronmani and Dr P Amirthavalli. Jaluthupatti Village is around 45 km from SSP. Nutritional anemia is prevalent in this hamlet, for which around 400 nutrient multi-dhal powder packets were distributed. Blood sugar tests were conducted for around 100 patients and out of them two were diagnosed of diabetes. Besides routine medical problems, cases of goiter, tonsillitis, fibroid uterus and Parkinsonism were also identified. Health cards were also issued for the first time, containing details of the patient and their ailments. The card can be used for further treatment at the Govt Hospital or SSP Hospital.