

## **PRESS RELEASE**

Düsseldorf, February 25, 2008

### Order for SMS Demag AG

#### **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 which can 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

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 anti-corrosion and anti-wear properties.

As 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.

(30 lines with max. 55 letters)

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 metals industry. It consists of the two Business Areas SMS Demag and SMS Meer, which jointly form SMS metallurgy. In 2006, some 9,000 employees worldwide generated a turnover of about EUR 2.8 bn.