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BAOSTEEL ZHANJIANG PLACES ORDER WITH SMS GROUP FOR EXPANSION OF HOT STRIP MILL

Coiler for high-strength grades and thick strips



The new coiler will be installed downstream the two existing ones. The foundations were already built during the first construction stage.

Chinese Baosteel Zhanjiang Iron & Steel Co., Ltd. has contracted SMS group to supply a new coiler for its Zhanjiang hot strip mill. The machine will be specifically designed to coil high-strength grades and thick strips. The first coil is scheduled to be produced at the end of 2017. PROC

The 2,250-millimeter hot strip mill at Baosteel Zhanjiang mill, supplied by SMS group, started operation at the end of 2015. It has a designed annual capacity of 5.5 million tons and is designed to produce hot strip with final thicknesses between 1.2 and 25.4 millimeters and widths from 800 to 2,100 millimeters.

The new coiler will be positioned downstream two existing coilers installed as part of the first construction phase. The new one will be designed for strips of greater final thicknesses and higher strengths, such as tube and pipe steels of strength classes X100 and X120 or ultra-high-strength strips of 1,200 N/mm².

To coil such materials, the new coiler will be equipped with reinforced mechanical components such as a pinch roll unit and hold-down rolls with aprons for safe and reliable wrapping of the strip head around the coiler mandrel.

The SMS group is a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. Its 14,000 employees generate sales of over EUR 3.3 bn.

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