

PRESS RELEASE

Düsseldorf, June 24, 2009

Order for SMS Siemag AG from China

LY Steel orders a heavy dividing shear line

LY Steel (Lian Yuan Iron and Steel Group), China, has placed an order with SMS Siemag, a company of the SMS group, Germany, for the supply of a heavy dividing shear line (Fig. 1). The line will be used for cutting hot coils of high material strength into plates and for leveling these so as to obtain a high-quality, flat and smooth end product. Commissioning of the dividing shear line is scheduled for spring 2011.

The SMS Siemag supply scope comprises the mechanical, electrical and automation systems and, in addition to the hot coil transport with pay-off reel group, it includes two levelers for the hot strip and for the plates, which are cut to the desired dimensions in the trimming shear group and in the flying shear (Figs. 2 and 3). After passing through a marking device, the cut trimmed and leveled plates are stacked into piles in the downstream plate piler. These piles are then weighed and strapped in the transport system.

The line is designed for plates of gages 5 to 25.4 mm. At a speed of up to 40 m/min, the plates are trimmed in a variable manner to widths between 850 and 2,100 mm and cut to lengths from 2 to 16 m. Plates of a tensile strength up to 1,500 N/mm² can be cut up and leveled in this way. The annual output will be 500,000 t. The new line will produce plates for shipbuilding, bridge-building and the construction of pipework, tanks and vessels, and safety containers as used, for example, in cash dispensers.

With an annual production of more than 4.8 million t, LY Steel is one of the leading plate manufacturers in the central part of south China. The new shear line will supplement the CSP[®] (Compact Strip Production) facility which SMS Siemag has already erected for LY Steel in Loudi City in Hunan Province.

(30 lines with max. 55 letters)