

PRESS RELEASE

Düsseldorf, May 14, 2007

Order from Japan for SMS Demag AG

Tokyo Steel orders a continuous pickling line, a laser welding machine and an acid regeneration plant

Tokyo Steel Mfg. Co. Ltd., Japan, has commissioned SMS Demag, Germany, with the supply of a continuous pickling line, a laser welding machine and an acid regeneration plant for its works in Tahara.

Following the decision by Sumitomo Metal Industries, Osaka, Japan in 1992 to adopt the then new technology, SMS Demag has now been able to obtain an order for the latest generation of turbulence-tank pickling technology for a Japanese steel producer. At Tokyo Steel, the acid regeneration plant will function according to the spray roaster process. The SMS Demag laser welding machine includes a strip butt-welding machine, integrated into the design of the entry section, which welds together the strip ends by means of a laser beam. The modern entry design enables rollable weld seams to be produced, in high quality and with minimal non-productive times in the entry section.

The plant will pickle and oil hot strip with widths of 780 to 1,630 mm and with gages of 1.5 to 6 mm. 1.8 Mio t will be produced each year at a maximum process speed of 280 m/min. SMS Demag is supplying the complete mechanical system including the laser strip-welding machine and the acid regeneration plant.

Tokyo Steel would like SMS Demag to provide a double exit and a cross-cut shear in the exit section. This will allow each coil to be divided without production losses.

The pickling process is implemented with heat recovery and acid regeneration equipment from a single source, thus achieving maximum efficiency at extremely low consumption values.

Commissioning of all facilities is scheduled for February 2010.

(31 lines with max. 55 letters)

SMS GmbH is the holding for a group of companies internationally active in plant construction and mechanical engineering relating to the processing of steel, nonferrous metals and plastics. The group is divided on the one hand into the Business Areas SMS Demag and SMS Meer under SMS metallurgy and, on the other hand, into the Business Area SMS Plastics Technology. In the year 2006 some 9,000 employees worldwide generated a turnover of about EUR 2.8 bn.