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**Tenova to build another walking beam furnace in Germany** The SZFG SALZGITTER FLACHSTAHL GMBH has recently awarded TECHINT ITALIMPIANTI DEUTSCHLAND GMBH, Düsseldorf, a company of TENOVA LOI Italimpianti, the contract for engineering, fabrication, erection and commissioning of one walking beam furnace for hot strip mill in Salzgitter. The furnace is designed for a capacity of 300 t/h to heat up slabs with different qualities to 1,280 °C with thicknesses from 180 to 270 mm, widths from 700 to 2,200 mm and lengths from 4,800 to 12,400 mm. The furnace fulfils the highest conditions about homogeneity of temperature, scale losses, efficiency and emitted values.

The new furnace with length of 33,800 mm and width of 13,600 mm will be connected in series to the existing furnaces with the purpose to increase the mill load capacity.

The order includes a turn-key plant of a bilateral heated walking beam furnace equipped with TENOVA LOI Italimpianti FlexyTech®– LO-NO<sub>x</sub> –high speed and roof radiant burners, designed to run with natural gas and coke oven gas depending on the newest technology, as well with two systems of recuperators for preheating combustion air.

For transportation the hot slabs from the furnace to the mill there will be extend the existing roller table. Furthermore for charging and discharging the slabs in/out the furnace is provided with separate machines.

The furnace is equipped by customer with one control system for supervising and controlling the heating installation of 12 zones and one electrical supply system with automation for supervising and controlling the movements of the plant.

The complete equipment will be started up in July 2009.

Tenova LOI ITALIMPIANTI is a leading supplier of industrial furnaces and services for the metal industry. Tenova, former Techint Technologies, design and supplies advanced technologies, products and services for the metal and mining industries. Tenova operates close to its customers through a network of 20 companies based in 14 different countries. For more information visit our website at [www.tenovagroup.com](http://www.tenovagroup.com)