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PRESS RELEASE

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Order for SMS Concast AG

Dedini orders a VD/VOD facility with mechanical pumps

Dedini S/A Indústrias de Base, Brazil, has awarded an order for a 30-/35-t VD/VOD facility for its Piracicaba works to SMS Concast, Switzerland. The plant will be treating 30- to 35-t heats of carbon steel, low-alloy and stainless steel grades. It will be operated together with an existing arc furnace with a conventional tapping spout. The layout of the plant makes provision for a ladle furnace for later retrofitting. The liquid steel produced will be cast into blooms and castings.

To enable production of steel grades with the lowest possible carbon content, the VD/VOD facility is being fitted with an oxygen-injection system for reduction of the carbon under vacuum. Dedini has decided to invest in Roots vacuum pumps in order to ensure cost-effective operation. The vacuum pump involves a mechanical design with sufficient intake capacity for VD and VOD operation. In order to protect the pumps against dust and to be as gentle as absolutely possible on the environment, the VD/VOD facility is being equipped with a vacuum bag-type filter. The dust generated under vacuum is separated from the off-gas flow.

It is intended that the VD/VOD facility will be commissioned at the end of March 2010.

(22 lines with max. 55 letters)

SMS Concast AG is a company of the SMS group, which 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 Siemag and SMS Meer. In 2008, some 8,900 employees worldwide generated a turnover of more than EUR 3.6 bn.