

PRESS RELEASE

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ArcelorMittal orders converter tilting drive from SMS Siemag

ArcelorMittal Gent, Belgium, has placed an order with SMS Siemag, Germany, for the design, manufacture and installation of a new converter tilting drive. This shall replace the previous drive which has been operated by the company for forty years.

The drive is rated for a torque capacity of 7,500 kNm and is among the most powerful converter tilting drives supplied by SMS Siemag so far.

The scope of supply includes main gear unit, primary gear units, torque arms, mounting device and pneumatic emergency drive. The gear unit and the trunnion pins are connected to each other by a special process. Compared with the connection via a tangential key, the installation is carried out by means of an oil press fit, resulting in a lower sectional area reduction of the drive-side trunnion pin. Furthermore, this facilitates dismantling and installation for maintenance purposes.

In the event of failure of one of the four primary gear units, it is possible to continue operation for a certain period. The drive itself can be operated for a brief period with two primary gear units or, in the case of power failure, with the nitrogen motors.

The tilting drive will be manufactured in SMS Siemag's workshops in Hilchenbach and is to be delivered to Belgium in August 2012.

(22 lines with max. 55 letters)