

New LOUVER DAMPER, DBP, ND 10000 x 9000 mm for the DeNOx – plant of the Theiss 2000

August 1998

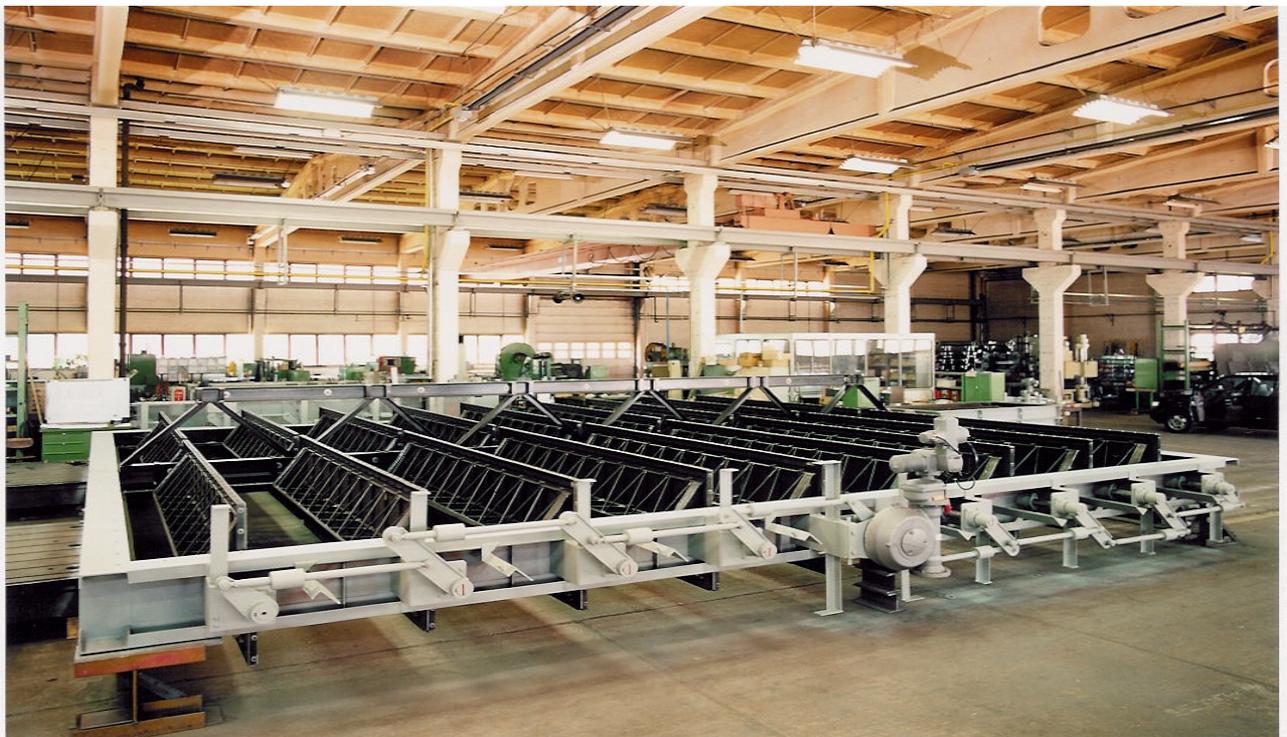
RAUMAG-JANICH Systemtechnik GmbH

RAUMAG – JANICH secured an order from **ABB – Umwelttechnik**, Butzbach for the design and supply of all flue gas shut-off and modulating dampers required for the **FGD and DeNOx plants of the Theiss 2000 powerstation.**

This included a shut – off damper for the DeNOx reactor, ND 10000 x 9000 mm. This damper was designed with the patented, lattice supported, single shell damper blades.

While conventional blade designs cause a loss of free area in excess of 25 %, this figure is reduced to approx. 7 % only for a damper of this size, by incorporating the patented, lattice supported blade. The design is advantageously used for any high temperature application. The “ floating “ attachment of the blade shell to the lattice support structure facilitates its free expansion and thus averts any distortion. At the same time all members of the support structure are heated up very evenly by the flue gas which can flow right through it nearly unrestricted so that distortion is once again precluded.

Please refer also to our publication “ **TECHNOLOGY 3** “



RAUMAG-JANICH Systemtechnik GmbH

Im Grund 6
D-96258 Rauenstein

Ennigerloher Straße 16
D-59269 Beckum

Telefon: 036766 / 881-0
Fax: 036766 / 81032
E-Mail: info @ raumag-janich. de

[http:// www. raumag-janich. de](http://www.raumag-janich.de)

Perfect technique, Quality and Security

