

DIVERTER, DBP, for DEGUSSA 'S combined cycle - powerstation at Antwerp, Belgium.

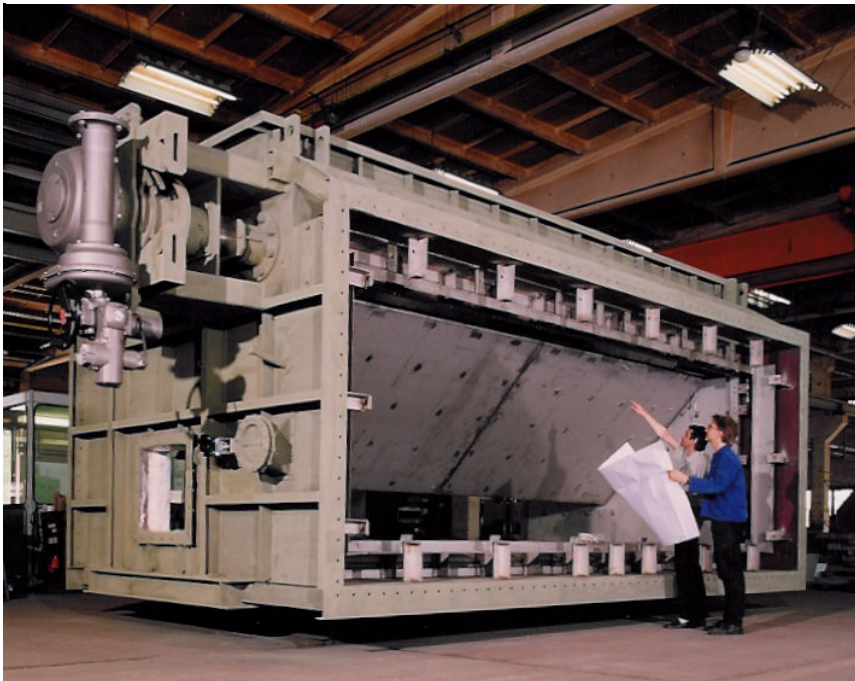
May 2000

RAUMAG-JANICH Systemtechnik GmbH

RAUMAG - JANICH secured an order from **ALSTOM POWER BOILER GmbH**, STUTTGART for the supply of all flue gas dampers required for the combined cycle powerstation of **DEGUSSA AG** at Antwerp.

The supply included a diverter damper, ND 2400 x 6400 mm with internal insulation. It directs the exhaust gases from an General Electric type LM 6000 gasturbine either to a 120 MW heat recovery boiler, or to the waste gas stack.

This diverter was the first of its kind to be equipped with the recently developed and patented, lattice structure reinforced damper blade. This entirely new design has shown great merit in cases marked by very high, as well as considerably fluctuating thermal loads. Please refer also to our publication "**Technology 6**" in this connection.



Technical specification:

Nominal dimensions :
2400 x 6400 mm
Operating temperature :
480 degrees C
Design temperature :
600 degrees C

Design :

External electric actuator,
double seals of the
NICROFLEX type, with seal
air, for both end positions ,
internal casing insulation.

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>

Perfect technique, quality and security

