

New double louver damper for the FGD – plant of the STEAG powerstation at Voerde

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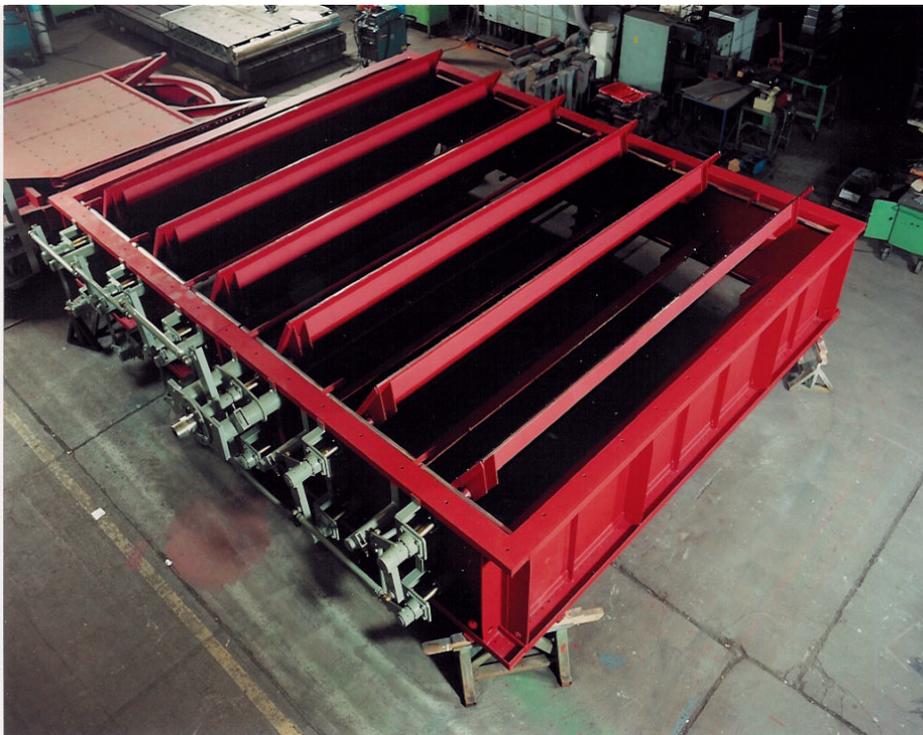
RAUMAG-JANICH Systemtechnik GmbH

RAUMAG – JANICH secured an order from RWE- STEAG AG, Essen, on behalf of their powerstation at Voerde, for the supply of two double louver dampers, ND 6780 x 5390 mm, as a replacement of two existing dampers of another supplier.

The existing dampers were equipped with a multitude of blades, internal bearings, ceramic sealing strips and tapered seal landing bars.

By contrast, and in order to ensure trouble free operation and a much improved sealing efficiency, the new dampers are equipped with eccentrically supported, full span blades and the metal elastic NICRO-FLEX sealing system. This is made up of endless jamb seals of the NICROFLEX – HIPERFORM, DBPa, type fitted inside the casing and blade tip seals of the NICROFLEX – MLS type.

With seal air, a 100% gastight shut – off in terms of UVV regulations has been achieved. Please refer also to our publication “ **TECHNOLOGY 4** “



Technical specification :

Nominal dimensions :
6780 x 5390 mm

Operating temperature :
150 degrees C

Design temperature:
350 degrees C

Design :

full span, eccentrically supported blades,
Endless, lateral jamb seals of the
NICROFLEX – HIPERFORM type.
With seal air, 100% gastight in terms of
UVV regulations.

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)

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