

Two Diverter dampers for the FGD- plants of the CAYIRHAN power station, boilers 3 & 4

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RAUMAG-JANICH Systemtechnik GmbH

RAUMAG-JANICH secured an order from **BABCOCK BORSIG POWER**-Austrian Energy for the supply of all required modulation-and shut-off dampers for boilers 3 & 4 of the **CAYIRHAN** power station in Turkey.

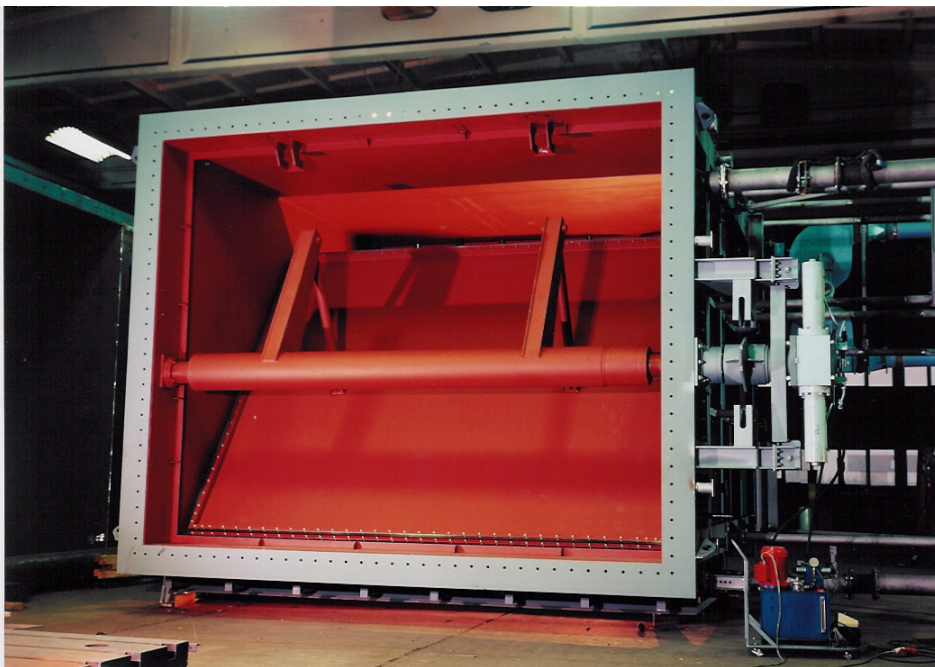
Included were two Diverter dampers as part delivery of the FGD- plants supplied by LURGI-Bischoff.

The diverters direct the boiler flue gas towards the FGD plant or, via a bypass duct, towards the stack.

By means of this diverter both gas ducts may be sealed off hermetically (100 % tightness) thus meeting the most stringent accident prevention regulations (U V V)

Complete sealing is achieved by means of double seals ,type Microflex MLS, in combination with seal air.

The diverters are equipped with hydraulic actuation systems which , together with a Siemens SP- control, provide an infinitely adjustable variation of the opening and closing characteristics.



Technical specification

Nominal dimensions :

4000 x 5000 mm

Temperature :

max. 380 degrees C

Design pressure :

80 mbar

Design :

Double sealing system with seal air.

Internal toggle link lever actuation.

External hydraulic actuators with Siemens SP - control.

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>

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