

High Tech For Insulating Block Industry



The insulating block works Kastendiek in Fehrn has considerably expanded its production capacities and, at the same time, upgraded the existing installation. The outcome is a modern facility which is setting new standards.

Two requirements had top priority:

- 1 Centralised control and monitoring of the complete installation**
- 2 Reduced energy costs**

After careful consideration Kastendieck has opted for GESTRA to implement the refurbishment. The order has a volume of more than half a million DM and comprises an automation scheme for 12 autoclaves, 2 steam accumulators, 2 storage calorifiers and parts of the boiler house as well as a highly efficient heat recovery system. All valves and sensing units will also be supplied by GESTRA.

It goes without saying that an installation of this kind requires customized and sophisticated programming. Our engineers in Bremen have solved this task efficiently and economically by opting for the software program "InTouch" made by Wonderware, an Invensys company, as basis for the visual display of the installation. This software makes the VDU user-friendly and shows flow charts, process data, parameter masks, alarm indication journals, trend charts and other information.

The installation features a Simatic S5-135U as programmable logic controller and the external devices are connected by using the Profi bus.

GESTRA - Your Specialist for Energy Management

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GESTRA is a global leader in the design and production of valves and control systems for heat and process fluid control. Being a member of the Invensys group, we are capable of offering our customers complete and intelligent solutions engineered to function with maximum reliability.

Our products and services have many practical applications and are employed where

- steam is generated, distributed or used
- fluids flow
- energy saving is possible
- environmental protection and safety-oriented control systems are needed.

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