

The specialists for innovative solutions



Since over 60 years –
We develop and manufacture our own products

No two sand conditioning plants are alike – they are all designed differently in every foundry to meet specific requirements. We are organised to help you meet these requirements. We do not supply ready-made, “off the peg” systems – every project benefits from our specific experience. We therefore have a very large Development Department which is firmly integrated with system production and commissioning. But our engineers do not just work in the laboratory but also on site, in the “hot phase” of commissioning. The experience gained in practice is ploughed directly into new projects. This business philosophy has allowed us to develop, supply and commission a wide range of products for foundries. Furthermore, we constantly strive to incorporate leading-edge technologies in our systems and thus to set distinct standards. This includes, for example, the entire mould material balancing system for control by recipes – **Form_Reg** with

the two innovative control systems known as **cool_mix** and **kombi_cool_mix**.

We supply everything electrical.

We supply **process control systems**, which centrally link the different functional units such as the furnace, moulding plant, sand conditioning plant and many more. Monitoring and control can only be performed on a supervisory console.

An integral part of process control systems are **complete control systems for**

- Sand conditioning plants
- Core sand dressing plants
- Sand coating plant
- Moulding machines

Process visualisation systems are implemented on all control systems for providing

an overview of operating states and displays of measured values in a standard manner in a colour picture.

A requirement for this is suitable **system networking** under Profibus, Ethernet, CAN bus or the like in order to combine data flows sensibly and effectively.

A major component in any automation system are its **measuring techniques**. We have them as we developed them ourselves. We provide

- Moisture measurement for water dosing
- Temperature measurement for cooler control
- Weight measurement for dosing control
- Fill-state measurement for bunker strategy

Control cubicle construction is a part and parcel of filigree measuring techniques and automation engineering. Nothing will ever get moving without a power section with a PLC – that is the reason why it is included in our range of products.



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