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PRODUCTS OR MACHINERY

System solutions for the glass industry

Measuring and control technology, batch plant, melting area, hot working area, machine controlling, annealing range, store management
Analysis, consulting and optimization for new and old plants
Custom-made automation solutions
Extensive service for plant and operator personnel

We build plants for all branches of industry. Our reference plants can be found among the following examples:

- Glassworks and ceramics industry
- Chemical and pharmaceutical industry
- Beverage industry
- Mechanical and plant engineering
- Feed producers
- Brickyards, dairies, mills
- Paper industry

COMPANY BACKGROUND / HISTORY

Since 1992, Schlemmer Prozess Systeme GmbH has been busy in the field of instrument engineering abroad and at home. The field of automation focuses on:

- Analysis of manufacturing processes
- Planning and projecting
- Controlling and process control technology
- Automation
- Factory automation solutions based on SIMATIC PCS7
- Plant simulation and staff training

Our services ...

Concept design

Meetings provide the basis for the development of useful solutions for your type of problem. The requirements specifications are compiled by us and provide a general documentation of the automation solution of choice, regardless of plant size – from small plants exclusively based on relay technology up to networked plants comprising several control systems.

Design of hardware plans with CAE support

Our coworkers take care to choose the most cost-saving hardware. The use of standard components of renowned brands ensures long-term availability of spare parts. Modern CAE systems (EPLAN, WSCAD) are the basis for diagram design.

Control cabinet construction and wiring

The control cabinets are constructed with interference immunity (EMC) according to current DIN standards. Generally, only components with a valid CE code are used. To ensure faultless commissioning, all hardware is tested prior to delivery.

Software design and SPS programming

Based on our experience, we rely on standard SPS control systems and PC-based control systems of renowned brands (SIMATIC S5/S7, IFM, etc.). This ensures reliable function and compliance to all required output parameters during plant operation.

Visualization / Process control systems

When it comes to plant management and statistics, we offer a broad range of useful solutions, from simple text displays and operator panels up to sophisticated process visualization systems. On demand, we facilitate linking of our system to the customer database (Excel, Access, MSSQL).

Commissioning

With your cooperation we develop a strategy to ensure faultless integration into the production plant. Even after successful commissioning and handing-over of the plant we are at your disposal.