



Process control system ▶

Machine control system ▶

RETROFIT plant upgrading ▶

Glass industry ▶

Paper industry ▶

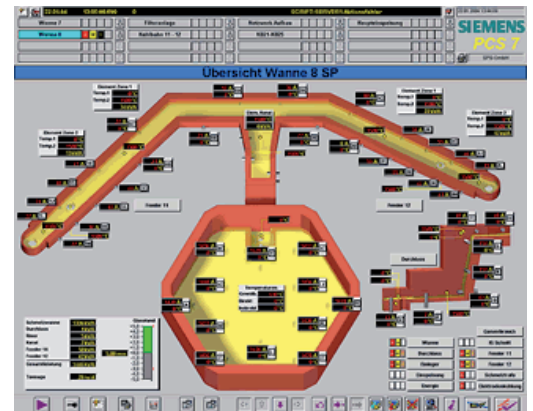
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Tank furnace

We offer a wide range of control systems for tank furnaces. We are very well prepared on any kind of tank furnace. We have a lot of experience with electro tank furnaces, oxygen tank furnaces and regenerative tank furnaces, because we work already for a very long time in the glass industry. It is possible for us to create a control system for your individual tank furnace. We use our own special algorithms, fuzzy controller, step-by-step controller and constant regulator for glass producing companies to guarantee a high-precise regulation. Our control systems make a big contribute to the compliance of quality, costs and time aims in every kind of branch.

These features can be integrated additionally:

- Overall equipment efficiency
- Creation of production plans
- Verification of manufacturing
- Master data and time registration
- Batch card
- Batch report
- Material management
- E mail or phone notification
- Cleaning and service management
- Free configuration of automatic journals and malfunction categorization
- Data exchange with business-management systems (SAP, Excel, etc.)



The overall equipment efficiency is a very mighty tool. It is possible to monitor the efficiency of every single part of your plant with the OEE. The specialty of this system is to identify and analyze the losses of the plant and these losses can be reduced with a verified action plan.

In addition, a lot of other handy functions can be integrated. For example, it is possible to log the material usage. Now, a minimum amount for every raw material can be set in the system. In case, this minimum amount isn't in stock anymore, the system sends automatically an order to the supplier.

We are always keen to have a close contact to our customers and like to oblige their wishes.

Following, you will find a small listing of plants we have already realized with our control concept:

- **Regenerative tank furnace at Heinz Glas**
- **Electro tank furnace at Heinz Glas**
- Several tank furnaces at Zwiesel Kristallglas
- Several tank furnaces at Schott
- Poly furnaces at Rodenstock
- Electro tank furnace at Walther-Glas
- Spezialglas Piesau
- Glastechnik Piesau