

Glaverbel automates glass production with Simatic PCS 7

Local Expertise

For the automation of a new glass line in Russia, Siemens was able to win the client's trust with its extensive local experience and clear technology expertise.

Glaverbel, as the European branch of the Asahi Glass Company, is a member of a leading global association of glass-producing companies. By the mid-1990s, Glaverbel had identified the huge development opportunities offered by the Russian market and acquired a holding in the country's largest glass manufacturer, Bor Glassworks. Since then, the company has concentrated on massively expanding glass production in Russia in order to meet the expected rapid increase in demand in coming years.

The company's most recent project are production lines for float glass, coated glass, and mirrors in Klin near Moscow, involving a total investment of 150 million euros. Siemens also has a significant role in the project.

Expertise in Russia

Siemens was placed in charge of the project because of the company's history of close cooperation with those in the glass industry and the consequent comprehensive knowledge of the processes used in Russia. Siemens' contract includes the complete development, installation, and commissioning of the system. The uninterrupted power supply and the production control are supplied by the Siemens PCS 7 system, and the implementation will also involve the standardization of all components.

Glaverbel and Siemens have already worked together successfully on previous projects, including the establishment of glass plants in Iran and in Mol, Belgium. Philippe Mary of Siemens in Brussels says: "Siemens is an international partner of Glaverbel. We were able to convince the Glaverbel experts of our qualifications by taking them to a few reference projects. Siemens' long presence in Russia also proved to be of considerable benefit."

Another contributing factor in the decision was the fact that Siemens works with

partners who have a very good reputation in their respective fields of expertise. These partners include AEG as the supplier of the heating system for the float bath and STG as the provider of the process control for the melting furnace.

"Glaverbel clearly valued our expertise in the glass industry. Another crucial point in our favor was the Russian project management approach we use," explains Philippe Mary. Guy André, manager of the Glaverbel project, concurs. He also cites the efficient method of cabling and the outstanding relationship between quality and costs. The excellent on-site logistical support in Russia, facilitating the speedy implementation of the project, was also a deciding factor for Glaverbel. ■

Find out more:

www.siemens.com/glass

E-mail: glass.team@siemens.com

