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AUTOMATION TECHNOLOGY **ENGINEERING** INDUSTRIAL TRADE INDUSTRIAL SERVICE TECHNICS

REFERENCE

Line automation

Development and implementation of automation and energy distribution systems for particle board laminating line



CLIENT:

Swisspan by Sorbes LLC Sorbes Ukraine
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PROJECT COMPLETED BY:

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COMMISSION:

Development and implementation of automation and energy distribution systems for particle board laminating line

Execution: 2017

EFFICIENT AND FLEXIBLE SOLUTIONS FOR PRODUCTION AND MANUFACTURING PLANTS

Production-plant automation is a complex business involving conveying equipment, robotics handling systems, process visualisation and control room technology. You can depend on us for customised solutions with maximum system reliability. We can provide you with the full range of automation systems on a vendor-independent hardware basis. We can help with the design and production of new installations and can also carry out upgrades and refits on existing systems. We can also act as a system integrator for clients seeking fully integrated solutions.

THE CLIENT

■ The Sorbes Group is a Swiss-based group of companies with activities mainly in Estonia and the Ukraine. There, particle boards are produced and laminated with a variety of decorative surfaces. Since its founding in 2003, the Group has grown steadily and, with its brands Swisspan (in the Ukraine) and Repo (in Estonia), has become a fixture in the respective markets.

BENEFITS

■ Due to the high demand, a fast commissioning of the system was desired by Swisspan. Although some suppliers of components had delivery problems, TOV Blumenbecker kept to the tight schedule. Blumenbecker also developed a simple operating solution using state-of-the-art tools and in constant dialogue with the operating personnel. The result: Swisspan was already able to produce market-ready products during the start-up phase of the plant.





TASK

■ For a new melamine coating line for particle boards, an automation concept and an energy distribution system were developed by TOV Blumenbecker and then implemented. Swisspan manufactures around 650,000 particle boards with dimensions of up to 2,750 x 1,830 mm per year on the line. Since a total of more than 70 different products are manufactured, there was also a process optimization for each board type and the different coating types and qualities. To minimize downtime, the entire system has been equipped with a range of diagnostic tools. Among other things, the project included seven PLCs and eighty drives.



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HEARING FROM YOU.