SMO PINTRO

SMO increases skewer production to 3.000 units/hour with Siemens automation

TIA Openness

SINAMICS G120-drives

ET 200SP

SIMATIC S7-1500

Customer Challenge

- SMO Machinebouw wanted to modernize traditional skewer production to achieve a **high throughput of up to 3,000 skewers per hour** while maintaining product quality, operator ergonomics, and process safety. This required a robust and reliable automation platform capable of stable, repeatable high-speed operation.

Solution

- SMO developed the P3000 semi-automatic skewering machine using a Siemens automation solution that combines powerful PLC control, safe and efficient drives, and an intuitive HMI. Together, these technologies form the core of the machine's automation and operator interaction, enabling high performance and process stability.

Customer benefit

- **High throughput:** Production capacity of up to 3,000 skewers per hour with consistent product quality
- **Stable & safe operation:** Reliable PLC and drive technology improve process stability and operational safety
- **Ease of use: Intuitive** HMI allows operators to quickly change settings and manage production efficiently
- **Future-ready automation:** Siemens-based architecture provides a scalable and robust foundation for further machine development

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