

Working Process and Siemens: A Successful Partnership

A total synergy, made up of technology, innovation and strategic vision.

Location: Rivergaro (PC), Italia

Highlights:

- SuperHeroes: the largest automatic line for the production of doors and windows
- Complete supply of all the technology for the management of parallel machining centers and the enslavement of materials
- Integration with digital solutions (Cybersecurity, energy analysis and artificial intelligence)



Company

Working Process is a manufacturer of high-productivity machining centers and lines and flexibility, for processing wooden doors and windows. It was founded in 2000 with the aim of revolutionizing the method of processing windows and doors.

The reference markets are 90% European, Scandinavian and Baltic, with some sales in Canada, the United States and Australia. The method invented by Working Process has become the unique production model, used by competitors and window manufacturers.

Solution/Portfolio

The production line involved is the largest built so far and involves the entire Siemens portfolio. Two parallelized Sinumerik ONE controllers, in combination with the functionality of the CPU 1500, coordinate the motion control (consisting of more than a hundred axes) with all Handling automation.

The current solution includes devices for cybersecurity and energy monitoring, with the prospect of integrating artificial intelligence algorithms within the process.

Benefits

With Siemens integrated solutions, all the devices involved can be managed through a single platform, making the application modular and flexible in the face of its complexity, reducing development and commissioning times.

The performance of the system is guaranteed by high-end control and drive systems, which allow you to increase performance without losing processing quality. The openness and degree of innovation of the devices installed make it possible to integrate countless digital applications into the line, for process optimization, consumption analysis and production efficiency.

"The twenty-year collaboration with Siemens is characterized by the most total synergy, an innovative drive that allows us to anticipate the needs of the market. With this in mind, it was essential to find the right partners with whom we could compare ourselves and embark on a path that goes beyond the logic of the customer / supplier»

Filippo Schegginetti, CMO
and Managing Director
Working Process



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