
Nuremberg, 13 December 2017

Hannover Messe 2018, Hall 9, Booth D35

Siemens Electronics Work Amberg

- The Siemens Electronics Works Amberg (EWA) was founded in 1989 and manufactures a range of products including type Simatic programmable logic controllers (PLCs).
- Simatic is used to control anything from the on-board systems of cruise ships and industrial manufacturing processes in sectors such as the automotive industry to ski lifts.
- Today, over 1,000 product variants are manufactured in Amberg. They are used to control plant and machinery and automate complete production facilities, saving time and costs and improving product quality.
- Production processes in Amberg itself are also controlled by around 1,000 Simatic components. Production functions here on a largely automated basis, with 75 percent of the value chain handled independently by machines and robots. Within any 24-hour period, products are made ready for dispatch to around 60,000 customers worldwide.
- In three-shift operation, some four billion components are processed every year. A fully automatic conveying system ensures that material is transported from the storage facility to the machine in just 15 minutes.
- Without increasing the scale of the production area (10,000 square meters) and with almost no change to staffing levels, the factory has increased its production volume 12-fold. EWA employs a workforce of around 1,300.
- Every year, the factory manufactures around sixteen million Simatic products, meaning that one product is dispatched every second.

- The Digital Factory Division's showcase facility also relies on software components from the Siemens Digital Enterprise Suite: Teamcenter, Mentor, SIMATIC IT, MindSphere. This allows simulations of a new development to be run using a digital twin, providing the assurance of outstanding product quality.
- The EWA produces to a quality standard of 99.9990 percent. As the result of sustainable quality work and comprehensive data integration, this achievement sets a benchmark for industrial production.

More information on the subject is available at www.siemens.com/presse/hm18

Contact for Journalists:

Katharina Zoefeld

Tel.: +49 172 5876725; E-Mail: katharina.zoefeld@siemens.com

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