

SOFTWARE

30% MORE ENERGY-EFFICIENT MACHINING

AT WIMMER WERKZEUGBAU GMBH



Foto: Markus Rambossek

COMPANY INFORMATION

Wimmer Werkzeugbau GmbH is an innovative manufacturer of clamping devices for flexible rim processing for the global market.

During the expansions in 2016 and 2018, series production was digitalized and process stability, productivity and energy efficiency were significantly improved.

By creating an innovative, stable environment for the 100 machines, significant energy savings of more than 30% were achieved. Integrated planning and innovative technologies are the key for those improvements.

FEATURES/ADVANTAGES



- **Creation of a modern production site** into an existing warehouse
- **Better air quality in the hall**, thanks to demand-based ventilation control
- **Higher process stability**, thanks to constant room and coolant temperature
- **Reduction in cooling** demand through consideration of all energy flows
- **100% gas reduction** through utilisation of waste heat and groundwater
- **30% lower energy costs**



▶ **STIWA Building Solutions**
Your Partner for Digitalization & Decarbonization



OUR SERVICES

- **Engineering:** Even before building planning begins – when the potential for influencing costs is greatest – we develop new innovative approaches in the areas of production, logistics and energy.
- **Subsidy processing:** During the building planning phase, we examine possible subsidy sources and handle subsidies from submission to final settlement.
- **Integral engineering:** To ensure that innovative goals are achieved, we coordinate the various technical planners, such as electrical and building services, logistics, production, process, geology, etc.
- **Building Automation:** This controls and analyses all building services and communicates with energy generation, production facilities and intralogistics systems. This allows synergies between the building and production to be exploited – blurring the boundaries between manufacturing and building automation.
- **Support during the first year of operation:** After acceptance, we harmonise the entire system, including the building and production.
- **Support:** Reliable support from our experts.
- **Life cycle support:** Based on a wide range of automatically collected data, we regularly analyse our customers' energy consumption, user behaviour and production processes. We optimise energy requirements and production conditions for performance efficiency and product quality and analyse system reserves for future production expansions and conversions.
- **Sustainability and legal obligations:** Preparation of CO2 balances and performance of energy audits in accordance with EEffG (Austria) and EDL-G (Germany)



STIWA GROUP BUILDING TECHNOLOGIES

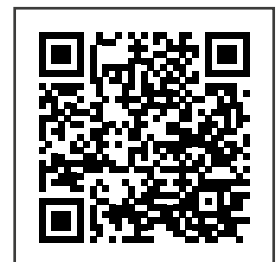
With our experience in mechanical engineering and our approach of viewing a **building as a machine**, we master all challenges and interface issues between people, machines and buildings. We identify, analyse and optimise your environment so that **you can focus on your production**. Whether new construction or existing buildings, our services enable us to create **tailor-made solutions** for both greenfield and brownfield sites. By **integrating your machines**, we create a **needs-based supply** for all systems. With our software we provide the data for decarbonisation.

CONTACT



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