WinCos® for bakeries: The solution for successful automation.

With the WinCos® plant control system, Bühler enables maximum productivity with high safety: the plant control system satisfies the requirements of the baking sector for constant production and high-quality products. Thanks to pre-defined functions and a modular, scalable system design, WinCos® offers maximum flexibility. On the one hand, functions can be optimally adapted to increase the economic efficiency of the plant, while on the other hand remaining flexible to quickly respond to market changes.

Food safety – committed to the consumer
The requirements towards food safety are an ever increasing topic. WinCos® has a variety of modules for meeting these requirements: identification systems such as barcodes and RFID ensure that the correct components are used for the recipe. Recipe management guarantees reproducible quality and thus uniform product manufacture. Furthermore, the contamination monitoring module prevents inadvertent mixing of products. The monitoring of critical check points in accordance with the HACCP approach also contributes to enhanced food safety. These functions allow for a proactive involvement and quality-driven interventions during production.

Traceability – all information at a glance
WinCos® allows comprehensive production traceability. All production weights, including those of manual components, are accurately recorded. If required, WinCos® can visualize the entire product flow from the raw product to the end product. Whether dealing with product data from suppliers, process data or operator activities, WinCos® offers a complete production overview and process monitoring at all times.

Advantages
- Key enabler for food safety
- Comprehensive traceability
- Maximum production reliability
- Seamless system integration
Full control of processes and parameters. For top production reliability.

**Production safety – Delivered as promised**

Flexible, redundant solutions ensure data security and continued production when needed.

Bühler performs fast and efficient support for highest plant availability using remote access and advanced diagnostics.

With services like PocketPlant, remote monitoring of the production lines becomes an easy task. Operators receive active notifications of line errors and their causes, thus significantly reducing response time.

**ERP connection – Enhanced efficiency through seamless system integration**

Direct interfaces to ERP systems simplify the processing and transfer for orders and recipes. WinCos® not only allows data to be imported but also provides information such as consumption and warehouse inventory to the ERP system. This makes operation easy and efficient, without any waiting time.

The continuous development of WinCos® is based on new technologies, such as the Internet of Things, to ensure that WinCos® keeps abreast of developments. Thus, the system is continually adapted to respond to new customer requirements.

**Bühler Service**

We keep your production running and ensure top plant availability: worldwide more than 350 automation specialists are available 24/7 with their process expertise.