WinCos®
plant control system

When everything runs smoothly between cocoa and chocolate.

WinCos® for chocolate plants:
The solution for successful automation

Market conditions become more and more competitive. To be able to successfully produce chocolate, efficient production processes are needed that adapt flexibly to new requirements and which can be controlled at any time. WinCos® is the intelligent plant control system (MES) for reliable and high-quality chocolate production that has been successfully tried and tested worldwide. With its modular design, it can be flexibly adapted to the size of the chocolate line and its functional requirements.

Efficient production planning and top product quality

WinCos® offers the option of a seamless interface with the ERP system. Once orders and recipes have been created and processed in the system, they are transferred directly to the plant control system.

In addition, WinCos® helps with the planning of production and provides support for improving utilization. Comprehensive recipe management ensures optimum reproducibility and hence consistent product quality at the highest level.

Automatic production adjustments in combination with the scales helps to achieve intelligent optimization of the use of raw materials, and hence reductions in operating costs.

Top production reliability and traceability

If required, WinCos® will document the process steps and changes to parameters and settings, including a time stamp and operator name.

Production steps can be consistently traced – from the raw material to the finished product. A clear graphic visualization shows the process the product has passed through. This supports efforts to maximize food safety.

Detailed order and batch reports and customer-specific parameters provide valuable support for the early detection and elimination of production problems. This improves the efficiency and availability of the plant in a sustainable way.

Advantages

– Efficient production planning and maximum product quality
– Highest production reliability and traceability
– Convenient operation

Innovations for a **better world.**

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Full control of processes and parameters. For top production reliability.

WinCos® combines Bühler's comprehensive competence in chocolate processing and automation.

Convenient operation and monitoring

WinCos® provides intuitive control of all functions and settings via an easy-to-use and intuitive graphic interface. As a result, operators can quickly intervene in production processes if required. This helps to minimize operating errors and increases the availability of the plant.

Furthermore, with the PocketPlant service, remote monitoring of the production lines becomes an easy task. The service can be used to monitor the status via a mobile app and provides active notifications of line errors to operators. This significantly reduces the time it takes to respond and to solve the error.

Efficient energy management

If desired, WinCos® monitors energy consumption and supports operators in their effort to efficiently balance plant loads in order to sustainably reduce operating costs.

Process experience and service for your success

Bühler is continually developing WinCos® and its related services in order to allow customers to benefit from new technologies such as the «Internet of Things».

As market leader and process specialist, Bühler has comprehensive practical experience in the design, commissioning and support of efficient automation solutions. In order to ensure that plants operate reliably and efficiently, Bühler maintains a competent service team to provide a fast and direct local service.

Bühler service

We keep your production running and ensure maximum plant availability: our automation specialists are familiar with your processes and are available 24/7 worldwide.

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