



Bühler Control Systems.

Flexible solutions - tailored to your needs.

You must be able to rely on your processes. They need to run smoothly and handle countless demands, such as for maximum product safety, efficient energy use or easy operation. As a solution provider with decades of experience in automation, Bühler sets industry standards and delivers the highest possible quality.



COMFORT

Convenient solution with manual operation.

The machine is controlled entirely by pushbuttons whereby signal lamps and displays indicate the machine status. Depending on the process, the rotor speed can be selected.



PREMIUM

First-class solution with PLC and touchscreen.

A new user interface with PLC programming and touchscreen allows easy and intuitive operation of the machine. The job-related analysis and diagnosis of the operating data informs the operator about the machine status.



PREMIUM PLUS

Enhanced solution with extendable functionalities.

The Premium Plus control offers advanced features and can integrate the control of tanks, peripherals and pre-grinding machines.



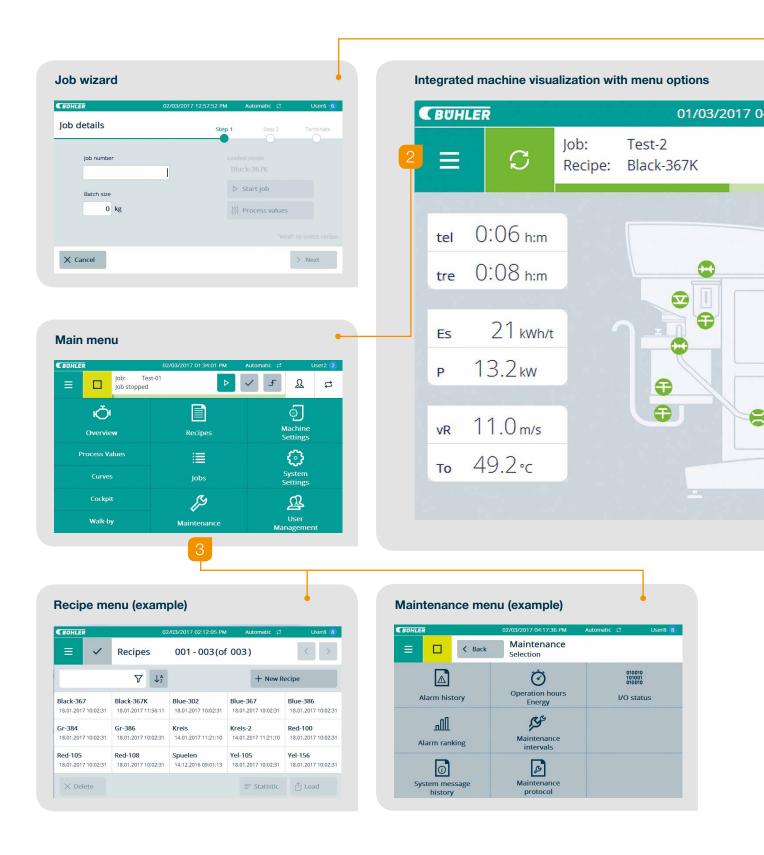
WINCOS®

Comprehensive plant control system for fully automated processes.

With WinCos®, we offer a plant control system that fulfills every demand – module by module, characterized by great flexibility and individual support.

Premium and Premium Plus solution.

Excellent process control.





Smooth operation with maximum benefits.

Taking efficiency to the next level.



Intuitive design for maximum productivity

The intuitive design and user guidance simplify the correct operation of the machine. The control is easy to use which makes extensive trainings unnecessary. Additionally, a walk by screen with color coding shows warnings and standstills at a glance even from a distance.



Ideal handling of product/machine for optimal profitability

With Bühler control systems the machine can be used to its full extent. An intelligent cockpit shows current process parameters including the optimum range of operation, which allows immediate adjustment. Further features, such as a job wizard, support the correct and fast start-up of the machine.



Auxiliary features for higher process reliability

Integrated recipe assistants allow a production process with up to five steps enabling an ongoing adjustment of process parameters to the changing product characteristics. Additionally, various start ramps ensure a fast production start tailored to the product. The result is higher process reliability in less time.



Elaborated data management for quality assurance

The control system uses intelligent data management for quality assurance and optimization. The user is able to access the past 200 jobs allowing replication and traceability of the production. Further optional measuring systems show improvement potential and enable inline quality control. Additionally, in order to preventively maintain the machine, the occurring errors are tracked and ranked. This allows an easy monitoring and scheduling of maintenance.



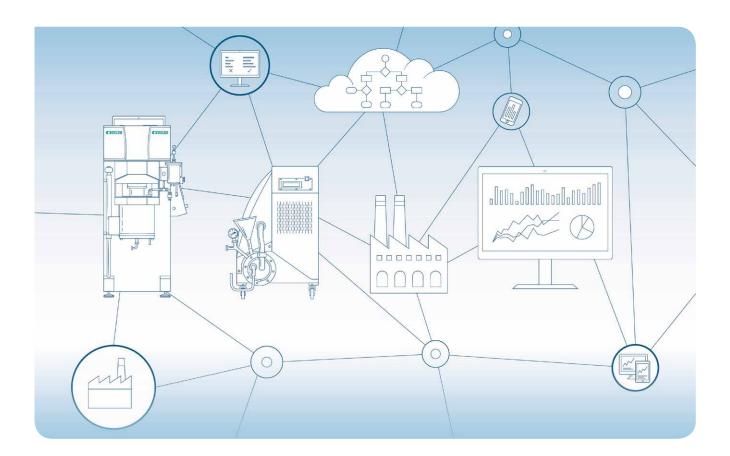
Remote access for easy process monitoring

The Premium Plus solution gives remote access to the control system, which greatly improves process monitoring. Standstills are detected more quickly and can potentially be resolved without being on site. This saves costs and increases productivity. When required, Bühler Customer Service representatives can remotely access the system ensuring quick and inexpensive servicing.

Digital Services.

We are your trusted partner in digitalization.

Our vision is to enable fully connected plants that improve themselves autonomously by continuously exchanging information between machines. Your plant is fully connected and improves itself autonomously by exchanging information from machine to machine.





SmartPro[™]

SmartPro™ is our solution to digitalize the wet grinding process. It allows higher traceability, better process control and benchmarking, which results in significant optimization of production. The upload of data into the cloud with maximum data security allows access to the data anytime and anywhere.

