When it has to be perfect, it can only be WinCos®.

WinCos® plant control system – the solution for successful automation.
When everything runs without a hitch – from raw material to final product – it can only be WinCos®.

You have to be able to rely on your processes to run smoothly and handle countless demands. Demands like maximum product safety, efficient energy use, and easy operation. As a solution provider with decades of experience in automation, Bühler delivers the highest possible quality in consulting, analysis, and planning. We go a step further by offering a plant control system that fulfills your every demand – module by module, with flexibility and individual support. Our comprehensive automation know-how, combined with our WinCos® system, ensures that everything runs smoothly, in a variety of industries, from raw material to the final product.
Automation know-how, from project idea to the service and support.

As the market leader, Bühler possesses the extensive experience that is so essential to doing business in the field of automation. Whether for planning, start-up, or service and support – Bühler is your technology partner and process specialist with an outstanding service portfolio. Learn more about what a solution provider means when it promises extensive automation know-how.

Bühler process and machine know-how

- Comprehensive knowledge of processes
- Cutting-edge technologies
- Quick start-up
- Intelligent sensors for online measurement

Bühler automation know-how

- Established technologies in well over 4,500 plants
- Operating in over 170 countries worldwide
- Compatible with a wide range of interfaces
- Proven software and guaranteed plant functionality
- 350 automation specialists worldwide
In good hands from Buenos Aires to Tokyo.

The reliable operation of your plant is only possible if service and support does not stop after initial start-up. That’s why Bühler offers you long-term, professional, and quick assistance on-site. It doesn’t matter which part of the world you call home, we are always there for you.

Worldwide 24/7 service from Bühler

- Easy and fast maintenance on-site or via remote access
- 24/7 support for quick troubleshooting and minimal downtime
- Competent support specialists throughout the entire product life cycle
- Fast access to support in your language and time zone
- Worldwide service centers
- Straightforward support and service packages such as the Bühler ValueCard

With our 350 automation specialists worldwide, you always have access to a Bühler expert who can help you quickly, on-site.
When both a one-man operation and a global player can count on the same software, it can only be WinCos®.

With rapid changes in the market, increasing competitive pressure, and requirements regarding quality assurance and environmental compliance becoming stricter every day, businesses have to remain flexible and adaptable. To remain competitive in the long term, companies also have to act quickly enough. In addition to delivering reliable operation, WinCos® also promises you flexibility with over 80 different modules that can be configured specifically according to your operational objectives. It doesn’t matter if you are set up to produce in a few simple steps or produce with a high-volume, complex plant: WinCos® is modular and scalable to any size of company, making it a safe investment.
As flexible as your business.
As modular as you require.

With over 80 modules, WinCos® offers you the freedom to tailor your production plant to your needs. Here is a selection of the most important applications:

**Product safety**
- Product traceability
- Quality data management
- Contamination control
- Hygiene management and certification (e.g. HACCP)

**Usability**
- Customer and supplier data management for incoming and outgoing materials
- Maintenance alerts and intelligent alarm management
- Remote operation and diagnostics
As flexible as your business.
As modular as you require.
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**Production reliability**
- Job and recipe management
- Downtime analysis
- Data security
- Overall equipment effectiveness (OEE)

**Intelligent process optimization**
- Intelligent route navigation
- Online quality monitoring

**Energy efficiency**
- Job scheduling
- Energy monitoring
- Energy consumption analysis
- Self-optimizing process control
- Statistical analysis
One system. Thousands of possibilities.

Every business is different. We make sure you benefit from an automation system that is perfectly tailored to your needs. WinCos® can be updated at any time when there are changes in the business environment, legal aspects, or technological factors.

**Ultimate availability**
- Reliable data security
- Optimum use of resources
- Preventive maintenance
- Fast diagnostics and error localization

**Maximum productivity**
- Higher output through optimal job control
- Continuous optimization thanks to key performance indicators
- Intelligent sensors for online measurement
- Simple, fast operation

**Enhanced profitability**
- Decentralized control concept
- Optimization of the value chain
- Precise control
- Enhanced functionality with upgrades

**Optimized quality assurance**
- Seamless data security and monitoring of quality
- Full, graphical traceability
- Documentation of interferences and error messages
- Contamination control
As your business grows, so does WinCos®.

You don’t have to invest a fortune to ensure safe and reliable production: the entry-level price includes all of the basic WinCos® functions. And when your business demands grow, WinCos® can grow with you.

With WinCos®, your machines and components can be integrated quickly into the overall system, and you can produce without downtime.

Every business is different. Our WinCos® solution is tailored 100% to your needs.
When everything is safe, from the beginning of the shift to the end, it can only be WinCos®.

Whether you’re dealing with food, animal feed, or paint: when it comes to the success of any plant, everything depends on safety. This applies just as much to the product as the production process itself. Reproducibility, quality control, and traceability are just as indispensable as certification systems and downtime analysis. With WinCos® and the appropriate modules, you have the perfect tool for production stability and product safety.
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Avoid risk. Ensure quality.

To prevent product safety from becoming an issue in the first place, WinCos® offers you a wide range of functions to ensure you’re always in a position to produce top quality.

WinCos® makes sure everything flows smoothly.

Complete product traceability records production weights, analyzes integrated process lines, and maps the entire product flow from raw material to final product.

Contamination control monitors your entire production, protects goods by product-lock, and carries out automatic cleaning.

User management records every single system operation, saving every change in process parameters in a clear and understandable way. Optionally, a tamper-proof RFID badge offers even more security.

Hygiene management and certification systems help identify potential risks and continuously monitor production to guarantee safe production according to concepts like HACCP.
WinCos® recipe management guarantees consistent product quality and dependable reproducibility. All recipe versions and production batches are traceable and stored centrally.

Quality data management analyzes laboratory data and quality parameters to quickly identify tolerance deviations in the intermediate or final product and informs users accordingly.

Downtime analysis quickly records and helps analyze performance indicators to eliminate downtime and ensure plant availability.

WinCos® production optimization prioritizes jobs, placing running jobs on hold to accommodate express jobs.

With intelligent sensors from Bühler, you benefit from improved quality assurance and increased output. You will be able to identify product errors or, for example, monitor moisture content automatically within seconds.

Reliable production: with Bühler’s high spare parts availability and intelligent maintenance management from WinCos®.
When everything between environmental thinking and profitable business is in balance, it can only be WinCos®.

Modern businesses are increasingly challenged by the need to reconcile sustainability and profitability. The underlying issue is: how can we preserve resources and still produce profitably? With intelligent process control, constant energy monitoring, and regular measures to optimize performance, WinCos® ensures that energy is invested efficiently, simultaneously optimizing costs.
WinCos® energy management helps you save effectively on energy costs by monitoring energy consumption and planning the best way to balance loads. In this way, you can take advantage of cheaper energy prices and avoid penalty costs for excessive energy use.

With intelligent route navigation, your processes are optimized with regard to energy, costs, and physical production routes. The software automatically selects the most efficient path through the production chain and prevents clashes.

Intelligent sensors from Bühler provide you with even more potential to optimize production performance. Product quality can be checked within seconds during ongoing production, allowing you to increase output without losing time during quality control.
When there’s a close understanding between man and machine, it can only be WinCos®.

For plant operations to run efficiently and safely, the interface with the user also has to be designed appropriately. That’s why WinCos® is based on a simple and intuitive operating principle that adapts to individual users. And thanks to a variety of extra features, you also have remote access to all key information. With intelligent alarm management and remote access, you always have control over your plant and can intervene whenever necessary.

**Simply efficient: the WinCos® operating concept.**

- Intuitive operation
- All key production information at a glance
- User-specific reports
- Intelligent alarm management
- Information on motor-running hours and servicing intervals
- Multilingual and regional management
- Optional remote access including machine control
- Remote access via mobile devices like smartphones or tablets
- Customer and supplier data management
- Optimized operation through touch displays
- Simple user management with password-protected access (tamper-proof RFID badge optional)