

A photograph of two people in an office. One person, wearing a dark suit jacket and a checkered shirt, is pointing their right index finger at a tablet computer held by another person. The background is a bright office with a window and a hanging lamp. The image is overlaid with large, semi-transparent circular shapes in shades of green and blue.

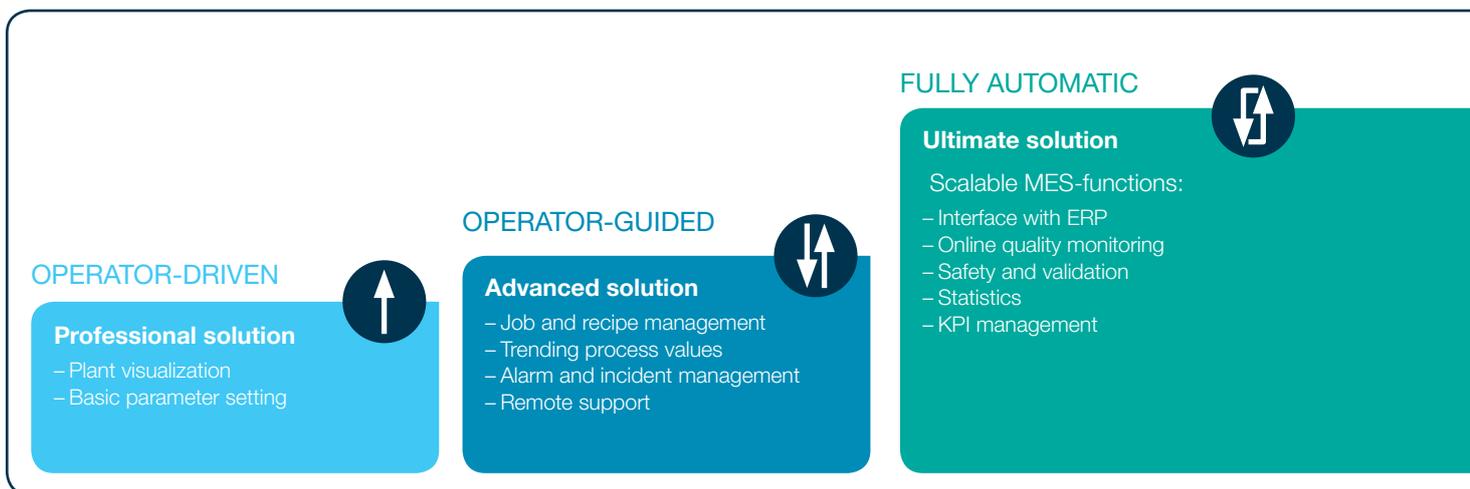
Manufacturing
Execution System.
Mercury MES.

For the grain processing industry

Bühler Automation Solutions.

Control your operations, shape your business.

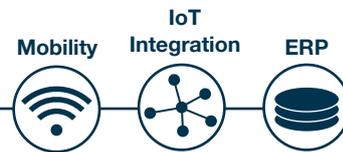
Efficient production processes, maximum productivity and top safety are essential for processing grain to high-grade products. To be successful in your industry, you must be able to rely on production plants that offer maximum uptime and optimal performance. Customized automation solutions support your operations and increase your efficiency.



Mercury MES.

More than plant automation.

Mercury MES supports you in controlling and visualizing your processes in a simple and intuitive way. It also enables a seamless exchange of information throughout the systems involved in the production process. Workflows can be optimized thanks to communication between ERP, quality control, maintenance and other systems. Data availability and real-time feedback allow smart decision making, increasing your milling performance and productivity. Mercury MES is web-based, thus adaptive and accessible on any device. Plus it is the backbone for digital services which increase your profitability through new insights and intelligent



Mercury MES

Manufacturing Execution System

Data management

Central data collection and management.

Performance analysis

Consolidates data to calculate key performance indicators.

Production coordination

Real time data exchange between ERP and production.

Process management

Process control and sequence planning including full traceability.

User management

Assignment of different authorization levels.

Quality management

Online process monitoring, statistics and reporting.

Maintenance management

Planning of preventive maintenance with ProPlant. Alarm and incident management.



Mercury MES.

Transparency translated into efficiency.

Transparency is the key to unlocking greater plant efficiency and productivity. Mercury MES helps with a well-organized user interface and central data collection.

Efficiency through seamless system integration

Central data collection and management increase efficiency on different levels:

Production

Real time data exchange with ERP allows a balanced workload and improved production planning. Processes are routed and sequenced in the best possible way. Process analysis and trend monitoring detect anomalies in the production and suggest corrective measures.

Food Safety & Quality

Processes are monitored constantly and every process step is saved in a centralized database. Traceability from intake to outload and backwards is visible at a glance with only a few clicks. Statistics and reporting tools reduce administrative work and are compliant with established norms and standards.

Availability

Alarm notifications and simplified incident identification help in keeping downtimes as low as possible. Integration of maintenance management systems such as Bühler's ProPlant make proactive maintenance possible.

Energy management

Monitoring of energy consumption serves to optimize energy use with the goal of preventing power peaks and lowering costs. Mercury MES facilitates energy savings by monitoring plants and processes (e.g. compressed air) and facility conditions.



Ease-of-use

Mercury MES's intuitive user interface provides control of all functions and settings. As a result, operators can quickly intervene in production processes if required. With years of experience in milling automation, the system is optimized for smooth control. With customizable plant overview you decide what information is relevant to you.



Take smart business decisions based on integrated and up-to-date information.

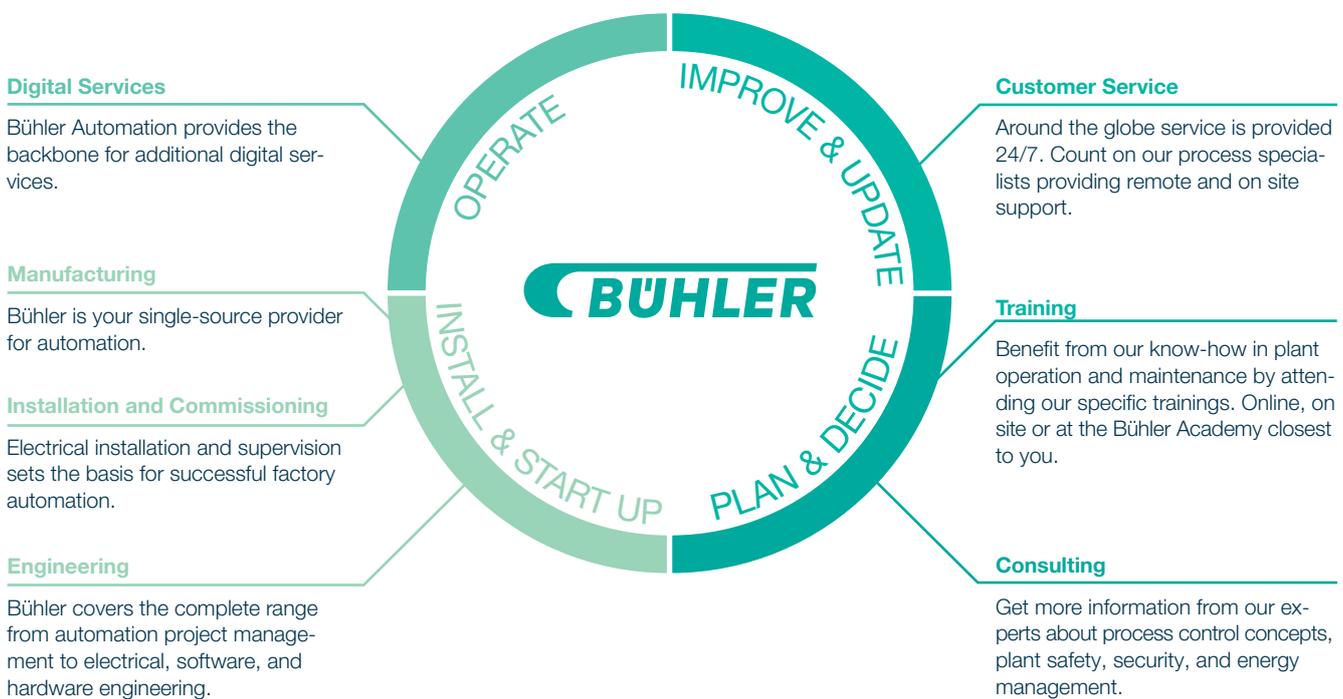
The web-based MES system is adaptive and fully functional on various devices in a secured network. Additional digital services allow real-time plant monitoring from anywhere at any time. Management information about yield or other efficiency parameters make benchmarking between production sites possible, thus providing the basis for smart business decisions.



Bühler – 360° automation.

Everything from a single source.

Bühler Automation is your single-source provider, integrating hardware, software, project management and support. So you can focus on your business while we optimize your processes.



9

Centers of Competence

Our experts in automation solutions are close to you.

5000

Installed Plants

With Bühler, you are buying proven technology that has been developed over many years to deliver practical advantages.

400+

Automation Specialists

Our automation specialists will understand your local compliance and regulation needs as well as your specific industry challenges.

Working with leading automation and equipment partners



Microsoft



Allen-Bradley

SIEMENS



Rockwell Automation



Bühler AG

CH-9240 Uzwil
Switzerland

T +41 71 955 11 11

milling@buhlergroup.com
automation.buhlergroup.com/mercury

Brochure MS Mercury MES en 07/18