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.

- **User management**
  Assignment of different authorization levels.

- **Performance analysis**
  Consolidates data to calculate key performance indicators.

- **Quality management**
  Online process monitoring, statistics and reporting.

- **Production coordination**
  Real time data exchange between ERP and production.

- **Process management**
  Process control and sequence planning including full traceability.

- **Maintenance management**
  Planning of preventive maintenance with ProPlant. Alarm and incident management.

- **IoT Integration**
  Integration

- **Mobility**

- **ERP**
Manufacturing Execution System.
Mercury MES.

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.

Digital Services
Bühler Automation provides the backbone for additional digital services.

Manufacturing
Bühler is your single-source provider for automation.

Installation and Commissioning
Electrical installation and supervision sets the basis for successful factory automation.

Engineering
Bühler covers the complete range from automation project management to electrical, software, and hardware engineering.

Customer Service
Around the globe service is provided 24/7. Count on our process specialists providing remote and on site support.

Training
Benefit from our know-how in plant operation and maintenance by attending our specific trainings. Online, on site or at the Bühler Academy closest to you.

Consulting
Get more information from our experts about process control concepts, plant safety, security, and energy management.

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  Schneider Electric  Rockwell Automation