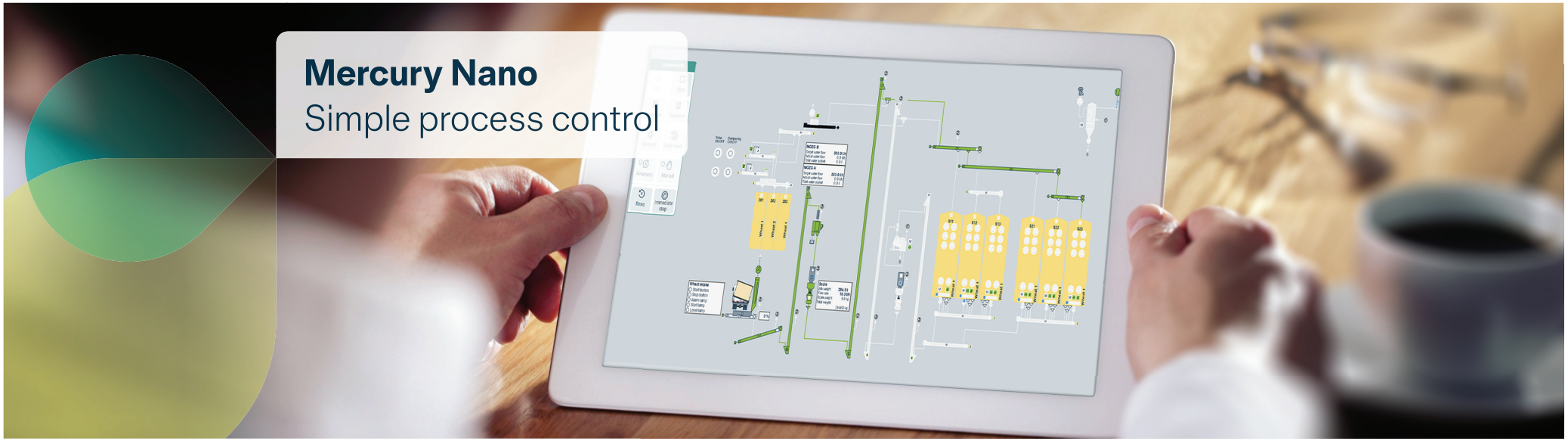
MS Flyer Mercury Nano EN 0926 Z&B 262672



Mercury Nano
Simple process control

A process control system designed for straightforward processes

Mercury Nano is Bühler's Process Control System for straightforward processes and plants. Designed for small and medium-sized facilities, it provides intuitive process control, animated visualization, trending and reporting through a modern web-based interface.

Advantages

Intuitive user experience
All essential controls and process information are accessible through a simple and intuitive interface. Animated process visualization supports efficient operation and minimizes training effort.

Reliable production and constant productivity
Proven automation hardware and Bühler process expertise help ensure stable operation, optimized machine interlocking and fewer unplanned interruptions.

Investment safety
Mercury Nano allows easy integration of additional equipment and process extensions, providing a flexible foundation for future plant developments.

Maximum uptime
Remote access and Bühler's global automation support organization enable rapid troubleshooting and assistance whenever needed.

Additional advantages

Easy upgrade to Mercury MES: As production requirements grow, Mercury Nano can be upgraded to Mercury MES. Whether additional process lines, larger plants, multiple mills, or advanced functions such as traceability and production management are required, the common platform enables a smooth transition while reusing existing automation investments.

Common software architecture enables support by local PLC engineers, reducing maintenance effort, and improving responsiveness.

- Intuitive user experience
- Reliable production and constant productivity
- Investment safety
- Maximum uptime

The best automation system for your requirements

Bühler's automation portfolio consists of Mercury Nano and Mercury MES. Mercury Nano is designed for straightforward process control and plant operation, while Mercury MES extends automation with advanced production management, traceability, quality assurance, and business process integration.

	Mercury Nano	Mercury MES
Process complexity	Straightforward processes (SCADA)	Medium to highly complex processes (MES)
Plant size	Small to medium plants	Any plant size
Process visualization	✓	✓
Line and machine control	✓	✓
User management	✓	✓
Trending	✓	✓
Basic reporting	✓	✓
Batch mixing	✓	✓
Recipe management	Basic parameter settings	Advanced recipe management
Product management	–	✓
Job scheduling	–	✓
Silo management	–	✓
Product traceability	–	✓
Quality management	–	✓
Warehouse management	–	✓
Energy management	Trending only	✓
ERP integration	–	✓
Data analytics	–	✓
Artificial Intelligence	–	✓
Upgradeability	Upgrade to Mercury MES	N/A
Digital services	–	Monitoring and AI solutions in the cloud
Maintenance	ProPlant and Replay connectivity	ProPlant and Replay connectivity



Mercury Nano



Mercury MES



Process complexity



Function scalability



Plant size



Digital services



Business process integration

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