



## Pluto PCS Milling Solutions

### A process control system as simple as a push button control

**Pluto PCS is a high-quality line and plant automation system which focuses on making "process" automation straightforward, affordable and intuitive.**

#### Intuitive user experience

All essential controls and settings are displayed on one screen. This supports an easy start-up and operation. Pluto PCS' intuitive operation ensures that training efforts are limited to a minimum and full production achieved in no time after start-up.

#### Reliable production and constant productivity

Robust hardware from leading brands is used to withstand harsh production conditions with volatile power supply.

#### Investment safety

With Pluto PCS you are flexible to adjust your flowsheet. Adapting the production process with new equipment and subsequently the control system is straightforward and simple.

#### Maximum uptime

With Pluto PCS you are never far away from Bühler expert support. Exceptional remote access enables fast reaction and problem solving to keep uptime at the maximum.

#### Optional features

- Yield monitoring: Calculate a basic yield based on the information the system is getting from the scales (in/out).
- Trending: With Pluto PCS you are able to monitor motor or sensor signals. The signals are gathered and put into a graph.
- Reporting: Generate basic PDF reports about jobs in which you can see production sections, durations and amounts.

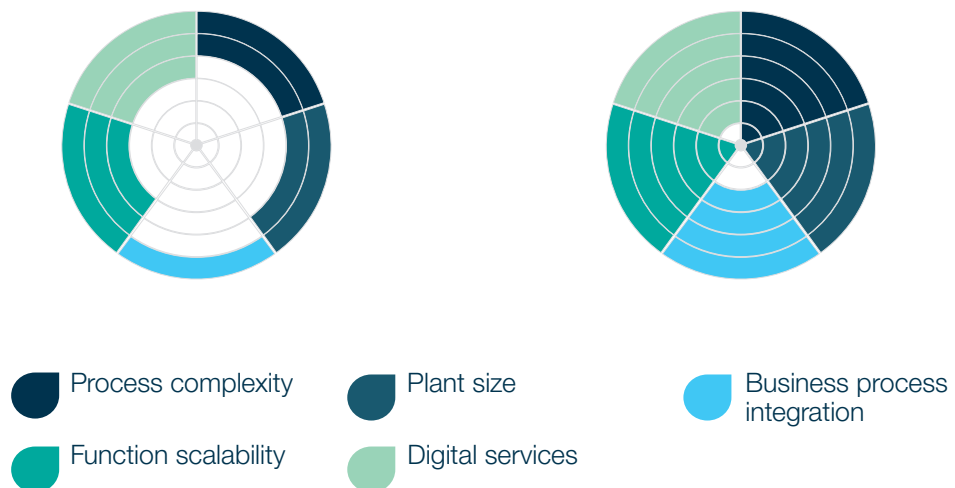
#### Benefits

- 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 the two products Pluto PCS and Mercury MES. Pluto PCS is specifically designed for small to medium size plants with simple and continuous production. Pluto PCS focuses on controlling the production, safeguarding the equipment and monitoring selected production parameters.

	<b>Pluto PCS</b> Process Control System	<b>Mercury MES</b> Manufacturing Execution System
<b>Process complexity</b>	Simple and straightforward processes Basic parameter setting	From raw material to end product Management of complex recipes, product & job Production planning
<b>Plant size</b>	Small plants (< 150 t/d) One layer operating system	Medium to large-scale plants (> 150 t/d) Multiple layers & process monitoring
<b>Business process integration</b>	No interface to other information systems	MES functionality
<b>Function scalability</b>	Adaptable and customizable control system with options (e.g. basic yield monitoring or trending functionality)	Scalable with new functions Customizable system functionality Customizable dashboards
<b>Digital services</b>	Mobile access and visualization Basic digital services available	Mobile access and visualization Fully compatible with the Bühler Insights digital service portfolio



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