

## Inline-capable cleaning systems

The flexible solution for effective cleaning of components, high-quality parts in goods trays or bulk goods.

Micro + Hega Surfaces manufactures inline-capable cleaning systems made of high-grade steel for integration in production lines or for direct incorporation into a stage of production, customized according to your individual requirements and needs.



*Example for an inline-capable cleaning system with linear arrangement of baths, ultrasonic cleaning, and preparation unit.*

### Your benefits:

- + Specific planning of the system
- + Optimal utilization of space and cleaning media
- + Easy maintenance
- + Long system durability
- + High-quality materials
- + Spare parts even years later
- + Inexpensive backfitting or extension of your system by modular design

## Inline-capable cleaning systems

**Inline-capable cleaning systems are characterized by a compact, space-saving design.**

The arrangement of the baths is linear or circular, special solutions for limited set-up space are possible.

The basic module comprises of an ultrasonic cleaning bath and/or spray washing, as well as a rinsing bath. When needed it can be expanded to feature prewashing, one or more rinsing baths, and a dryer module.

According to usage the cleaning system can be fully encapsulated (vaporization, contamination, noise, heat). When desired the system can be adapted for usage in clean and super-clean rooms.

### Options:

- Cleaning processes
- Cycle times
- Number and size of the baths required
- Handling system
- Degree of automation
- Pre-production or subsequent production processes, component or goods tray and their size and weight (no size or weight limit)
- Requested purity and surface quality
- Single components (Bunching before and separation after the cleaning need not take place), frame goods, or bulk goods
- Central or local preparation unit

**Systems by Micro + Hega Surfaces can achieve durable and sustainably excellent cleaning results.**

## Everything from a single source

Take advantage of the **synergy effects** that result from our integration into the **Pütz Group!**

In addition to surfaces finishing technologies as well as industrial cleaning technologies, we can also offer you the right testing technology to test surfaces and dimensional accuracy.

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