

BELTLINE

This is our high quality in-line cleaning system with conveyor. It is designed in modules and customized to meet customer requirements.

The Beltline cleaning system is designed for manufacturing around-the-clock. It is the ideal solution for implementation directly into the production line.

Available modules:

- Spray washing
- Spray rinsing
- Hot air drying.

Extra options:

- Ultrasonic cleaning
- Vacuum drying
- Filtration system
- Oil separator
- Extraction fan
- Customized belts
- Pure-water final rinsing
- Conveyors, pick-and-place systems etc.



MODEL	BELTLINE 200	BELTLINE 400	BELTLINE 600	BELTLINE 800
Belt width	200 mm	400 mm	600 mm	800 mm
Cleaning height max.	300 mm	300 mm	500 mm	500 mm
Belt speed	0 - 5 mtr/min			
Pump flow (each zone)	300 l/min	300 l/min	400 l/min	400 l/min
Pressure (each zone)	2.5 - 3.2 bar			
Temperature	30 - 70 °C			
Heating effect (each zone)	18000 W	18000 W	27000 W	27000 W
Tank volume (each zone)	300 L	300 L	500 L	500 L
Drying power	3500 l/min	5000 l/min	8000 l/min	8000 l/min
Temperature drying	40 - 110°C	40 - 110°C	40 - 110°C	40 - 110°C
Belt loading height	950 mm	950 mm	950 mm	950 mm
Inlet- and outlet length	600 mm	600 mm	600 mm	600 mm



✓ **100 % stainless steel construction**

Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.

✓ **Insulated**

Insulated stainless steel cabinet. Insulation thickness: 30 - 50 mm.

✓ **Siemens S7-1200 PLC control**

Control panel Siemens S7-1200 PLC and a 7" touchscreen and process visualization.

✓ **Designed in modules**

Available with as many modules as the customer requires depending on the application.

✓ **Adjustable machine feet**

Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.

✓ **Integrated stainless steel coarse filter**

Middle-plate including stainless steel coarse filter 400 micron.

✓ **CE - European Machine Directive**

The conveyor washer is produced in accordance with the European Machine Directive.

✓ **Level sensor**

Used for protection of heating elements and stainless steel pump.

✓ **Frequency regulated belt**

Belt speed can be regulated by a frequency setting via the touchscreen.

✓ **Available as a customized solution**

Available as a customized solution with conveyor systems for loading and unloading or robots.

✓ **Prepared for extra options**

Prepared for oil separator, extraction fan, automatic chemical dosing and filtration.

✓ **Integrated energy surveillance module**

Including a specially developed energy surveillance module for monitoring electrical, water and high pressure air consumption.

✓ **Neutral zone**

Integrated 500 mm neutral zone between each module to reduce cross-contamination. The neutral zone is available with a blower.