

DRUMLINE

The Drumline spray washing system is designed for **cleaning of high quantities** and is **very efficient** due to the rotation of the parts inside the machine.

The Drumline cleaning system is very similar to the Beltline series in terms of process. It is designed for manufacturing around-the-clock and is normally implemented directly into the production line. The rotating drum transports the parts instead of a conveyor belt through each module.

This is an ideal solution for smaller parts in high quantities for example after stamping.

Available modules:

- Spray washing
- Spray rinsing
- Hot air drying.

Extra options:

- Filtration system
- Oil separator
- Extraction fan
- Automatic chemical dosing.



MODEL	DRUMLINE 2500	DRUMLINE 3500	DRUMLINE 5000	DRUMLINE 7000
Drum diameter	Ø250 mm	Ø350 mm	Ø500 mm	Ø700 mm
Drum perforation	2 - 10 mm	2 - 10 mm	2 - 10 mm	2 - 10 mm
Drum speed	1 - 5 rpm	1 - 5 rpm	1 - 5 rpm	1 - 5 rpm
Screw pitch	150 mm	150 mm	150 mm	150 mm
External dim. (LxWxH)	1900x850x1260	2680x970x1450	3336x1250x1630	5280x1460x1820
Pump flow (washing)	150 l/min	200 l/min	300 l/min	500 l/min
Pump flow (rinsing)	100 l/min	100 l/min	200 l/min	500 l/min
Temperature	30 - 70 °C	30 - 70 °C	30 - 70 °C	30 - 70 °C
Drying power	2500 l/min	3500 l/min	5000 l/min	8000 l/min
Temperature drying	40 - 110 °C	40 - 110 °C	40 - 110 °C	40 - 110 °C
Tank volume (each zone)	140 L	210 L	400 L	900 L



✓ **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 drum washer is produced in accordance with the European Machine Directive.

✓ **Level sensor**

Used for protection of heating elements and stainless steel pump.

✓ **Adjustable drum speed**

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

✓ **Available as a customized solution**

Available as a customized solution with conveyer systems for loading- and unloading etc.

✓ **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.