

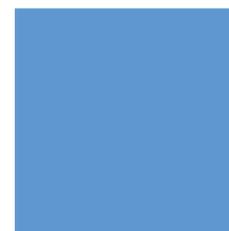
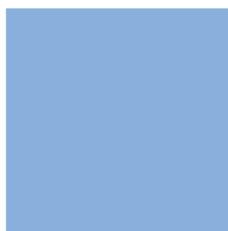
MULTILINE Continuous Cleaning System



- The Silberhorn MULTILINE continuous cleaning system combines maximum output with efficient cleaning results for large scale and mass production.
- Due to the individually selectable process steps, such as Rinsing 1, Rinsing 2, Drying – all of them separated by neutral zones – we can guarantee optimum cleaning quality even at high outputs.
- The machine is designed as a jetting machine with jetting pressures ranging from 4 to 10 bar.
- Parts can be transported through the machine in several ways, e.g. by means of a chain drive or a wire mesh belt. Depending on their geometry, the parts are either processed as bulk materials, positioned in parts carriers or fixed on a chuck.
- The conveyor speed, and thus the time the cleaning agents are in contact with the parts to be cleaned, can be fixed or controlled via frequency converters.
- The MULTILINE continuous cleaning system can be designed as a machine with continuously running conveyor or as a machine which operates continuously at a fixed cycle. If the machine is designed for continuous fixed-cycle mode, it can be equipped with adjusting units for jetting and blowing nozzles which allow for the cleaning process to be tailored to suit the customer's part.
- If necessary, a high-pressure (HD-)water-jet -deburring process can be integrated in the MULTILINE machine.
- All media-contacting parts as well as the enclosure are made of stainless steel. A 20 mm insulation on all sides ensures low energy costs on the one hand and provides important industrial safety on the other.

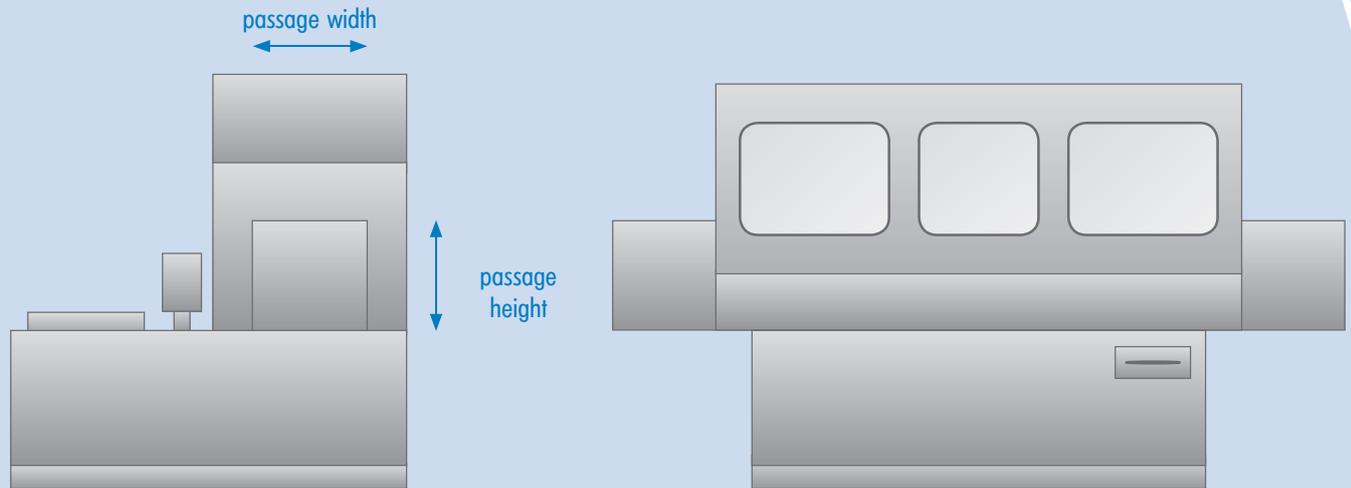


	MULTILINE 1-X	MULTILINE 2-X
Passage width	100 mm	200 mm
Passage height	100 mm	200 mm
Zone length		
Cleaning	500 mm	500 mm
Rinsing	500 mm	500 mm
Drying	500 mm	500 mm
Zone extension in step of	200 mm	200 mm
Jetting pressure	4 – 10 bar	4 – 10 bar
Tape speed	0,2 – 2 m/min	0,2 – 2 m/min



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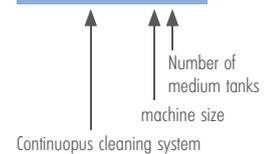
In the table you can find the different types of MULTILINE series as well as the main technical key data.



MULTILINE 3-X	MULTILINE 4-X	MULTILINE 5-X	MULTILINE 6-X
400 mm	600 mm	800 mm	1.000 mm
200 mm	200 mm	200 mm	200 mm
400 mm	400 mm	400 mm	400 mm
	600 mm	600 mm	600 mm
		800 mm	800 mm
800 mm	1.000 mm	1.000 mm	1.000 mm
800 mm	1.000 mm	1.000 mm	1.000 mm
800 mm	1.000 mm	1.000 mm	1.000 mm
400 mm	400 mm	500 mm	500 mm
4 - 10 bar			
0,2 - 2 m/min			

Type key::

MULTILINE 1-X



Subject to technical changes





Component parts and options

Optimum solutions through modular intelligence

- Gravity oil separator
- Bag filter
- Candle filter
- Magnet separator
- Waste steam capacitor
- Process visualising
- Adjustment of height for jetting and blowing register
- Automatic re-dosing of cleaning agent
- Sampling unit
- Pump down unit
- Hot air drying unit
- Fully enclosure made of stainless steel

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