

The modular IN-LINE washing system G-WASH 134 automates all washing processes in textile screen printing



G-WASH 134

Marabu Scandinavia - Sweden
040-672 84 00/08-448 07 50
info@marabu.se - www.marabu.se

Marabu Scandinavia - Norway
22 73 50 00
info@marabu.no - www.marabu.no

Marabu Scandinavia - Denmark
70 10 00 67
info@marabu.dk - www.marabu.dk

Marabu Scandinavia - Finland
09-279 85 40
info@marabu.fi - www.marabu.fi

CE
EC Conformity
The product answers the requirements of the EU Machinery Directive.

All the measures are specified in mm
Technical changes are reserved

Grünig-SignTronic AG
CH-3150 Schwarzenburg
☎ +41 31 734 26 00
info@grunig-signtronic.com
www.grunig-signtronic.com

Grünig SignTronic

G-WASH 134
IN-LINE Washing system


Screen transport


Adjustable high-pressure pump


Oscillating nozzles on both screen sides


Rinsing module


Inclined filter (optional)

The main features at a glance

- High production output
- Ecological operation thanks to the multiple use of the same liquid
- Excellent accessibility guarantees uncomplicated tank cleaning
- The throughput direction of the screens can be individually selected.
- Very efficient and rugged washing system
- High-quality construction made of stainless steel
- Customer can choose between two standard configurations
- Thanks to its modular concept, the system can be easily adapted to special requirements.

Standard configurations

- 134A: Solvent - De-coater - High pressure (circulation water) - Rinsing-Inspection
- 134B: Solvent - De-coater - High pressure (circulation water) - Rinsing - Air blower

Screen format	Frame width (SB)	500 - 1250 mm
	Frame height (SH)	500 - 1000 mm
	Frame profile thickness	25 - 45 mm
Dimensions	Width	9800 - 10500 mm
	Height	2050 mm
	Depth	1500 mm
Connections	Electric	3 x 400 V / 50 Hz (3L+N+PE)
		3 x 220 V / 60 Hz (3L+PE)
	Compressed air	1/4" / 3 bar / 120 l/min
	Water	1" / 3 bar / 25 l/min
	Waste water	2" / 25 l/min
	Exhaust air	ø100 / 450 Pa / 500 m³/h
	IT-Network	Ethernet / RJ45
Continuous sound pressure level		<85 dB (A)

Modules

Washing module A10

- Designed for cleaning products of the latest generation (flash point >55°C ATEX-conform construction method)
- Innovative nozzle and brush system for excellent washing performance
- Oscillating nozzle bars on both sides of the screen
- Grünig special nozzles made of V2A with service covers facilitate cleaning.
- Closed circuit system with coarse filter and bag filter
- Extension possibility by adding an inclined filter
- Various exhaust air systems are possible

De-coating module A15

- Autonomous module for the de-coating chemicals
- Easy regulation of the quantities
- Grünig special nozzles made of V2A with service covers facilitate cleaning.
- Closed circuit system with bag filter

High-pressure module A20

- Innovative nozzle system with high-performance high-pressure nozzles for cleaning both sides of the screen
- Water-saving closed circuit water system with coarse filter and bag filter
- Oscillating nozzle bars on both sides of the screen
- Extension possibility by adding an inclined filter
- Various exhaust air systems are possible

Rinsing module A70

- Fresh water module for screen rinsing
- Used water is taken to the module A20 to improve quality of circulation water.

Inspection cabin A80

- Inspection cabin for final checking and retouching
- Option: extension by adding a back-lit LED rear wall

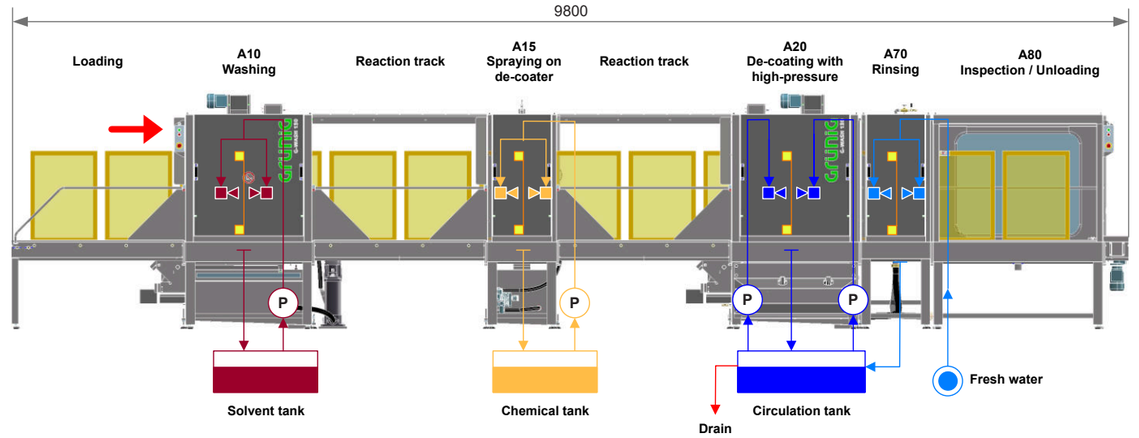
Air blower module A90

- Prevents lime residues in the fabric meshes easy screen unloading without carryover of the water.



Configuration 134A

- Separate modules guarantee optimal washing results without any carryover of the liquids.
- At the beginning of the line, the printing ink is efficiently washed out.
- Thanks to the autonomous de-coating module, the customer has full control over the chemical products.
- The intermediate modules make sure that the chemical reaction times are complied with.
- The fact that the screens are de-coated in a closed circuit system allows achieving significant savings of water.
- Fresh water is used for the rinsing process.
- The inspection cabin at the end of the treatment line is ideal for final checking.
- The maximum speed is 1000mm/min



Configuration 134B

- Separate modules guarantee optimal washing results without any carryover of the liquids.
- At the beginning of the line, the printing ink is efficiently washed out.
- Thanks to the autonomous de-coating module, the customer has full control over the chemical products.
- The intermediate modules make sure that the chemical reaction times are complied with.
- The fact that the screens are de-coated in a closed circuit system allows achieving significant savings of water.
- Fresh water is used for the rinsing process.
- At the end of the line, the screens are taken through an air blower module and can then be removed without dripping.
- The maximum speed is 1000mm/min

