

The G-WASH 144 is a fully automatic and cost-efficient IN-LINE possibility for washing and de-coating your screens



G-WASH 144

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G-WASH 144

Automatic IN-LINE washing installation

Particular features

- IN-LINE solutions at competitive prices, allowing a reduction of the operating costs
- High degree of flexibility thanks to a modular construction method
- Compact construction, min. space requirement
- IN-LINE throughput installation
- All the washing and treatment processes carried out with special Grünig nozzles G-WASH 101

Loading module

- The screens of various sizes can be placed onto the loading track directly after the printing process.

Washing out the printing ink

- In the washing bay, the screens are washed from both sides. The solvent, which must have a flashing point of $>55^{\circ}\text{C}$, is used in a closed circuit system.
- 200 liter closed circuit tank with inclined bottom below every module.

Recycled de-coating product

- The de-coating chemical is applied on both screen sides and used in a closed circuit system.

High-pressure rinsing

- In the high pressure rinsing process, the screens are efficiently washed with high pressure and the residual coating is eliminated. The spraying nozzles move over the entire height of the screen, from the top to the bottom. The high-pressure water is entirely used in a closed circuit cycle.

- At the end of every process, the screens are rinsed one last time with clean water. The clean water proportion can be programmed, and the overflowing water is taken to the high-pressure module.

Unloading module

- After the washing process, the screens are automatically taken to the unloading section from where they can be removed.

Option C

- As an option, the de-greasing system can be built into the last rinsing module.

Option G-WASH 149

- This is a blow-out module based on a ventilator for the preliminary drying of the screens.

Option G-WASH 032

- External recycle water module.

Option G-WASH 040

- The inclined filter made of stainless steel can be used for the following cleaning processes: Washing based on solvents, de-coating bath or closed-circuit recycled water.



Control desk



Nozzles Washing



Nozzles high pressure



Maintenance Nozzles

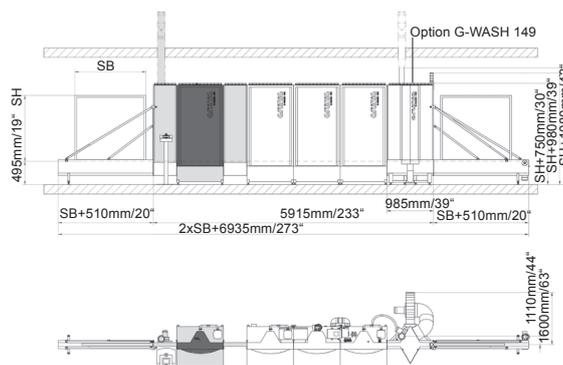


Last rinsing

Screen format	SB screen width	mm	1500-5000/59-196.8"
	SH screen height	mm	1400-2400/55.1-94.5"
	Frame profile thickness	mm	30-55/1.2-2.2"

Option C, G-WASH 032, G-WASH 040, G-WASH 149

Energy supply	Rated voltage	V	3 x 400 3 x 220
	Frequency	Hz	50-60
Compressed air	Connected load	Bar	6
Water consumption	Connected load 4 bar	L/min	25
Permanent sound pressure level		dB (A)	< 85



The machine answers the requirements of the EU guidelines for machinery (CE-conformity).

Technical data subject to change without notice

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All measurements in mm/inches