

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



G-WASH 144

Grünig

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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
- 200 liter closed loop tank with inclined bottom below every module
- 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 dye

- In the washing bay, the screens are washed from both sides. The solvent, which must have a flashing point of >55°C, is used in a closed circuit system. Please note that the solvent must be adapted to the printing dye system that is being used.

Recycled de-coating product

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

High-pressure rinsing

- In the high pressure rinsing process, the screens are efficiently washed with high pressure and the residual coat 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 loop cycle.

Last rinsing

- 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-loop recycled water.



Control desk



Nozzles Washing



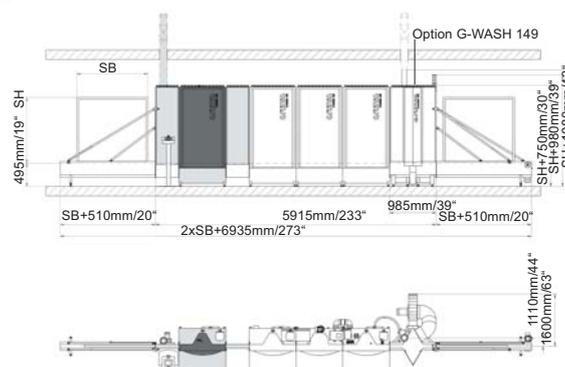
Nozzles high pressure



Maintenance Nozzles



| | | | |
|--------------------------------|---------------------------------------|--------|----------------------|
| 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 |



All measurements in mm/inches



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

Technical data subject to change without notice

March 08