

The G-WASH 173 In-LINE equipment  
cleans screens fully automatically, using  
ALL-IN-ONE chemicals



**G-WASH 173**

**Grünig**

Grünig-Interscreen AG  
Ringgenmatt 14  
CH-3150 Schwarzenburg  
Switzerland

Phone +41 31 734 2600  
Fax +41 31 734 2601  
[www.grunig.ch](http://www.grunig.ch)  
[mail@grunig.ch](mailto:mail@grunig.ch)

# G-WASH 173

## Screen cleaning with ALL-IN-ONE chemicals



Control terminal



Option M



Nozzle

### Particular features:

- Completely closed washing chambers
- No emission of solvents and chemical vapors during the washing process
- Loss of solvents and chemical products is reduced to an absolute minimum
- The modular construction ensures highest flexibility
- Can be retrofitted with feeder technology

### Loading module

- Directly after the printing process, the screens of various sizes can be loaded onto the loading track. The loading length is adjustable so that several screens can be accommodated at the same time.
- The belt conveyor starts automatically as soon as the desired program has been started.

### Washing chamber ALL-IN-ONE

- Within the washing chamber, the screens are washed and previously decoated in one single process.
- The screens are washed by means of spraying nozzles of stainless steel arranged on both sides.
- The ALL-IN-ONE cleaning chemicals, which has to guarantee a flash point of  $>55^{\circ}\text{C}/131^{\circ}\text{F}$ , is continuously recycled. It is essential to make sure that the cleaning chemical, a product combined from several components, is exactly adapted to the individual requirements of the user. The wash- and soaking time can be programmed.

### High-pressure decoating

- In the high-pressure decoating process the screens are washed and decoated in on single work process. The screens are decoated by means of high-pressure spraying nozzles of stainless steel.
- The high-pressure water is completely re-used in a closed circuit system (100% recycling). It is topped up with fresh water from the final rinsing process.

### Final rinsing

- At the end of the high-pressure decoating process, the screens are rinsed with 100 % fresh water. The screens are washed by means of low-pressure spraying nozzles of stainless steel arranged on both sides.

### Unloading module

- After the cleaning process is completed, the screens are automatically forwarded onto the unloading track from where they can be removed.

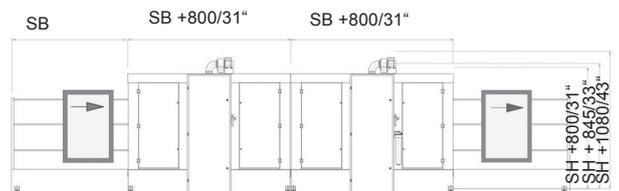
### Option M (mixing system)

- For the G-WASH 173 installation with ALL-IN-ONE chemicals, it is recommended to use an automatic mixing system. This automatic mixing system ensures that the chemical cleaning product is automatically completed according to the requirements; optimal cleaning results are thus always guaranteed. Up to three different chemical products can be used in concentrated form. By means of metering pumps, these chemicals are mixed with water and supplied in batches to the tank in the washing chamber. It goes without saying that the mixing ratios can be adapted to the respective requirements and ink systems.

### Option G-WASH 190 (Feeder)

- Upon request, the G-WASH 170 installation range can be equipped with feeders allowing an automatic loading and unloading process. These feeders accommodate 10 screens and can also be used as screen carriages with the G-DRY 590 vertical drying cabinet or the G-COAT 421 automatic coating machine.

Screen frame size	SB Screen width	mm	1500 - 5000
		inch	59 - 197"
	SH Screen height	mm	1400 - 2400
		inch	55 - 94"
Frame profile thickness	mm	30 - 55	
	inch	1 - 2"	
Index of options	M Mixing system		
	G-WASH 190 Feeder		
Energy supply	3 x 400 V / 3 x 220 V / 50-60 Hz		
Compressed air	Connection value	Bar	6
Water consumption	Connection value 4 Bar	Lt/min.	25
Permanent sound pressure level		dB (A)	< 85



The machine is in compliance with the EU directives for machinery (CE-conformity).

Technical data subject to change without notice

March 08

All measurements in mm/inches