

The G-WASH 172 IN-LINE equipment decoats and degreases your screens while reducing the water consumption by 80%



**G-WASH 172**

**Grünig**

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# G-WASH 172

## Degreasing, decoating and rinsing



Control terminal

### Particular features:

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

### Loading module / unloading 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 frames can be accommodated at the same time.
- The belt conveyor starts automatically as soon as the desired programme has been started.
- After the cleaning process is completed, the screens are automatically forwarded onto the unloading track from where they can be removed.



Option B



Option K1

### Chemical decoating

- The decoating chemical is sprayed onto the screens by means of chemical nozzles made of stainless steel and arranged on both sides.
- The soaking time can be programmed, depending on the chemical used.

### High-pressure decoating

- In the high-pressure decoating 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 last final rinsing process.



Nozzle

### Chemical degreasing

- The degreasing chemical is sprayed onto the screens by means of chemical nozzles made of stainless steel and arranged on both sides.

### 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.

### Option B (Unloading module)

- After the cleaning process is completed, the screens are automatically forwarded onto the unloading track from where they can be removed. In this case, the G-WASH 172 works as pass-through installation.

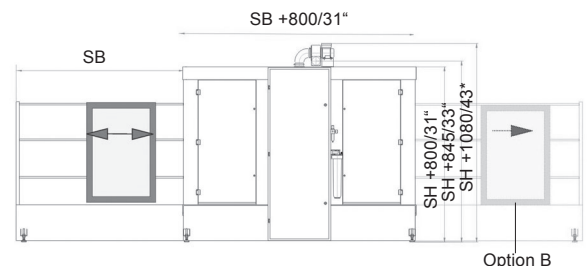
### Option G-WASH 190 (Feeder)

- Upon request, the G-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.

### Option K1 (external water recycling system)

- The external water recycling system K1 features a water volume of 1200 liters
- 2-chamber construction method guaranteeing an optimum sedimentation process
- Allows reducing the water consumption by 80 - 90 %
- Possibility of modular extension by adding the inclined filter technique G-WASH 040 and Split-O-Mat SOM

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	B unloading module suppl. G-WASH 190 Feeder suppl. K1 external water recycling system		
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



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

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