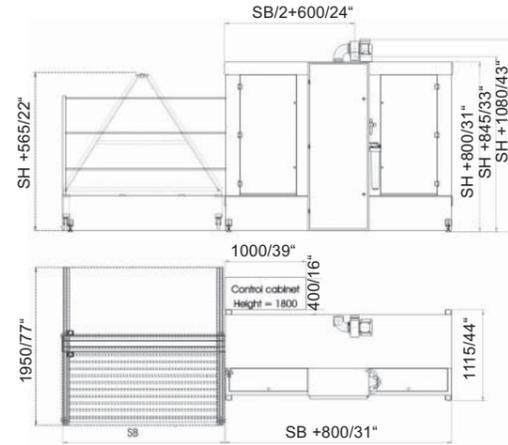


# G-WASH 170

## Modular cleaning system IN-LINE

### Option G-WASH 190 (feeder)

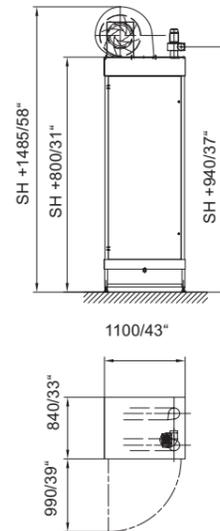
Upon request of the customer, the installation range G-WASH 170 can be equipped with feeder units designed for automatic loading and unloading of the screens. These feeder units offer a capacity of 10 screens. They can also be used as screen carriages in the vertical screen cabinet drier G-DRY 590 or in the automatic coating machine G-COAT 421.



### Option G-WASH 179 (BLOW-OFF module)

The BLOW-OFF module G-WASH 179 can be integrated into the IN-LINE system and combined with the various modules of the cleaning system G-WASH 170.

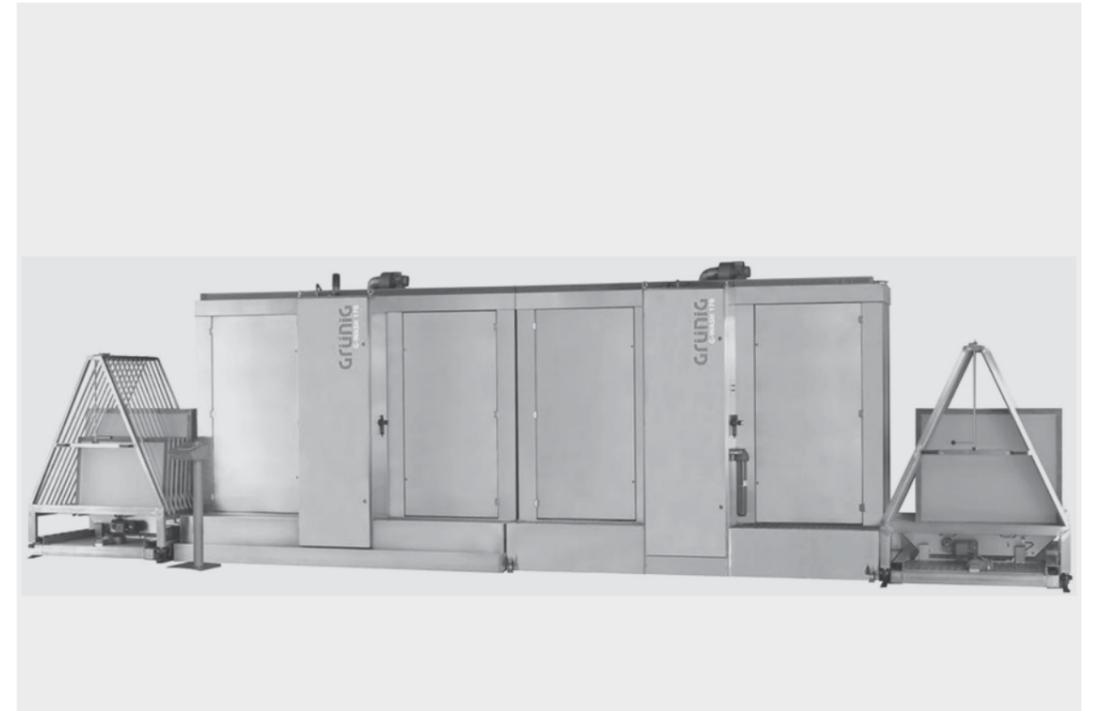
The wet screens are efficiently blown out and pre-dried. Due to the fact that the remaining liquid is removed in this manner, the overall drying time can be considerably shortened.



### IN-LINE Installation (modular): cleaning - preliminary drying - inspection - drying - coating - drying - unloading



The G-WASH 170 is a modular IN-LINE cleaning system that answers all your requirements



**G-WASH 170**



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

Technical data subject to change without notice

March 08

All measurements in mm/inches

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# G-WASH 170

## Modular IN-LINE cleaning system

### Recapitulation of the essential features:

- The new IN-LINE machine concept designed by Grünig for efficient screen cleaning offers a wide range of advantages and new possibilities:
- Considerable cost reduction thanks to optimized processes
- High degree of automation
- Safe process sequences
- Machine concept designed for the latest generation of screen cleaning methods (ALL-IN-ONE chemicals)
- High flexibility due to modular extension possibilities
- The modular concept is based on the following componentry groups:
  - Loading and unloading track with belt drive unit
  - Feeder technique for loading and unloading
  - Tank system in different execution versions
  - Process chamber with spraying nozzles in various versions
  - Drive unit for the automatic forwarding of the screens
  - Control panel with control module
- The new machine concept G-170 has been especially designed for the latest generation of chemicals meeting the ALL-IN-ONE requirements (washing and decoating in one single process), or for solvents with a high flash point of >55°C/131°F.
- Furthermore, this concept also takes into account the need for a higher automation degree in the field of screen cleaning.
- For practical applications, the choice of the installation's configuration depends on the ink system used by a particular customer, i.e. there are varying requirements for an ink system based on UV, one based on solvents or on water.
- The modular pass-through installation is available in the following versions:
  - **G-WASH 171** Washing of the printing ink with screen cleaning agent (flash point >55°C/131°F)
  - **G-WASH 172** Degreasing/decoating and final rinsing of the screens
  - **G-WASH 173** Washing and decoating (ALL-IN-ONE) in one process
  - **G-WASH 174** Washing and decoating with individual chemicals (traditional method)
  - **G-WASH 175** Developing and degreasing installation
  - **G-WASH 179** Blow-out module
  - **G-WASH 190** Feeder for 10 screens can also be used as screen carriage

### Highlights

- Special construction for ALL-IN-ONE chemicals
- Automatic metering/topping up station for ALL-IN-ONE chemicals (Option M)
- Complete installation of stainless steel V2A
- Newly developed nozzle system with vertical oscillation
- Separate circuits for screen cleaning products and water
- Automatic Starting/Stopping function for the conveyor belt
- Modular installation concept taking into account the individual requirements of the customers
- Manual loading or feeder technique

Screen frame size	SB Screen width	mm	1500 - 5000
		inch	59 - 197"
SH Screen height	mm	mm	1400 - 2400
		inch	55 - 94"
Frame profile thickness	mm	mm	30 - 55
		inch	1 - 2"

Index of options	B unloading module suppl.		
	F filter system		
	M mix system		
	G-WASH 190 module		

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 10

Permanent sound pressure level dB (A) < 85



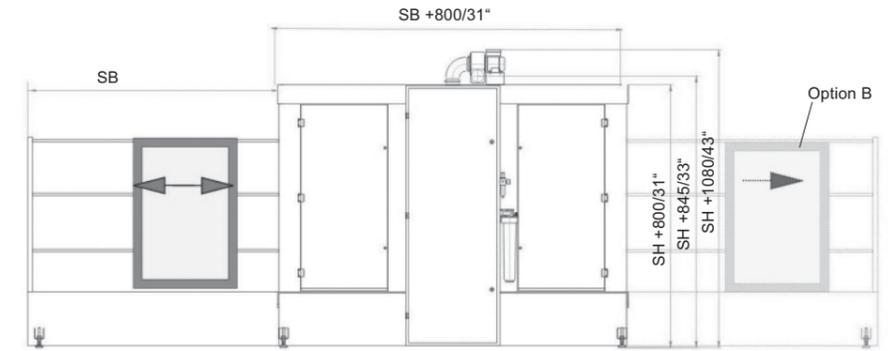
The machine answers the requirements of the EU guidelines for machinery (CE-conformity).

Technical data subject to change without notice

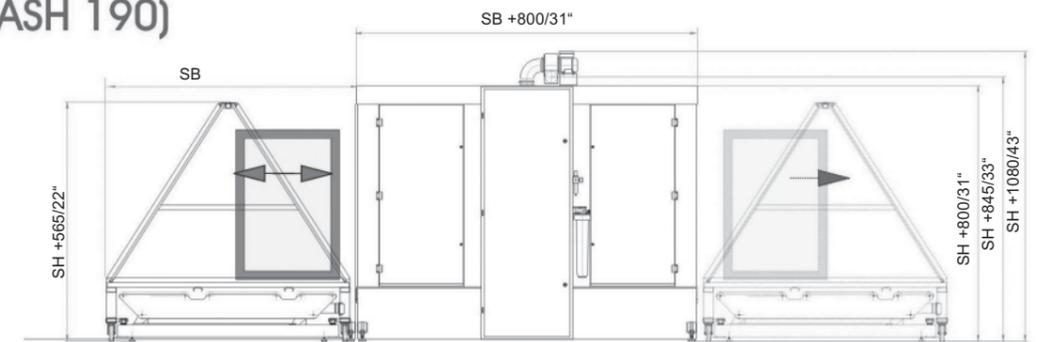
March 08

All measurements in mm/inches

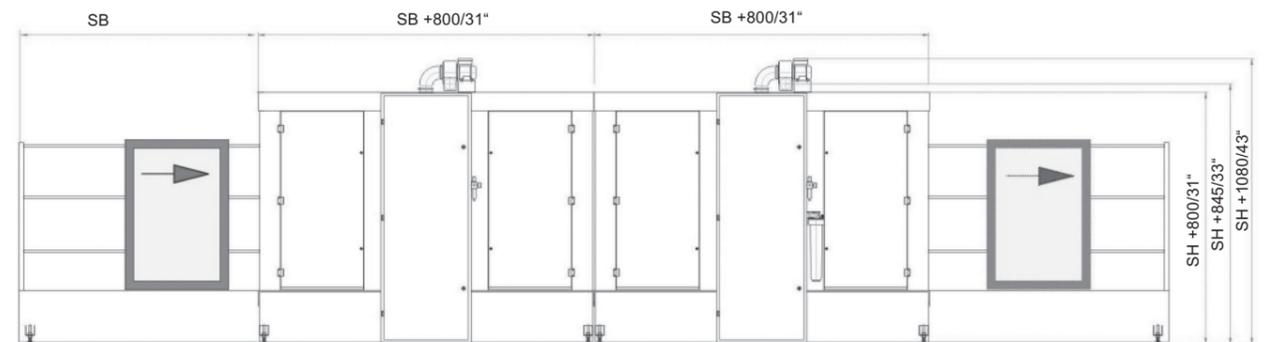
### G-WASH 171 / 172 / 175 With loading/unloading module (Option B)



### G-WASH 171 / 172 / 175 With loading/unloading feeder (Option G-WASH 190)



### G-WASH 173 / 174 With loading and unloading module



### G-WASH 173 / 174 With loading and unloading feeder G-WASH 190

