SWISS SCREEN TECHNOLOGY

G-WASH 112 - the flexible and clean solution for de-coating and degreasing your printing screens



G-WASH 112

INDUSTRY 4.0 READY

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CE

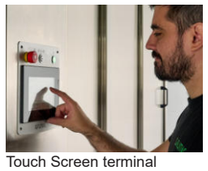
EC Conformity
The product answers the requirements of the EU Machinery Directive.

All the measures are specified in mm
Technical changes are reserved

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Grünig SignTronic

G-WASH 112 PLUG & WASH
Automatic screen de-coating machine


Touch Screen terminal


Special Grünig nozzles for easy cleaning


Spray carriage drive unit with sliding clutch


Powerful fluid system


Manual lance (option H)


Inclined filter (option FS)


Water splitting (option WS)


Aerosol filter (option V3)

The most important features at a glance

- PLUG & WASH construction method:
  Unpack, set up, connect, de-coat
- The machine is available in 5 standard sizes:
  Screen height (SH): 1500 mm
  Screen width (SB): 1000 - 2000 mm in increments of 250 mm
- Ecological closed-circuit operation
- Safe working procedures thanks to the closed washing chamber
- Uncomplicated operation by means of Touch-Screen Terminal
- The washing pressure, exposure times, speed of the spraying carriage, the number of washing moves as well as several additional parameters are freely programmable.
- More than 100 program slots are available for memorizing the washing programs
- Powerful pumps for optimal de-coating results
- Electronically adjustable washing pressure
- Individually switchable nozzle bars for squeegee and printing sides
- Special Grünig nozzles made of stainless steel V2A with service cover, designed for maximum cleaning ease
- The wide choice of options enables you to adapt the machine to your individual requirements
- Universal screen fastening system designed for handling many different screen formats
- Space-saving and compact construction
- Front loader with sliding door
- Robust construction of stainless steel V2A
- Low-maintenance and user-friendly design
- INDUSTRIE 4.0 READY (prepared for connection to G-GATEWAY)

Option C1
- Basic equipment screen de-coating

Option C2
- Additional equipment for screen decreasing (condition = C1)

Option CS
- Segmentation of the chemical nozzles into two sectors. When handling smaller screens the upper section can be deactivated in order to reduce the consumption of chemicals.

Option FS
- Inclined filter for filtering the water between the washing chamber and the closed circuit tank

Option H
- Integrated manual lance for cleaning the interior or for manual rinsing of the screens

Option HS
- Lifting station for pumping off the waste water

Option PFR
- Continuously programmable regulation of the pump pressure

Option V1
- Equipment for connecting the machine to a ventilation system provided by customers

Option V2
- Exhaust air ventilator for aerosol aspiration at the end of the program and when the door of the washing chamber is opened

Option V3
- Aerosol filter for removing the smallest droplets from the exhaust air

Option W1
- Collection tray with grating below the machine, height 100 mm

Option W2
- Collection tray with grating below the machine, according to Steel tray directive (StaWaR), height 140 mm

Option WS
- Water splitting for the selective discharge of certain water phases

Option WT
- Drip catcher with grating in front of the machine, height 30mm

Option Z1
- Complement: screen holder for washing 2 juxtaposed screens

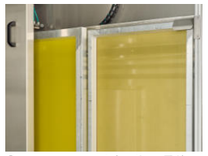
Option Z2
- Insertable screen support for washing 2 superposed screens

Option Z25
- Complement: screen holding tie-bar for washing several juxtaposed screens (frame profiles up to 25mm)

Option Z40
- Complement: screen holding tie-bar for washing several juxtaposed screens (frame profiles up to 40mm)

Numerous available options allow the machine to be optimally adapted to your specific requirements


Standard screen support

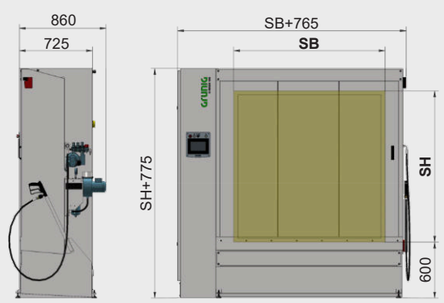

Screen support (option Z1)

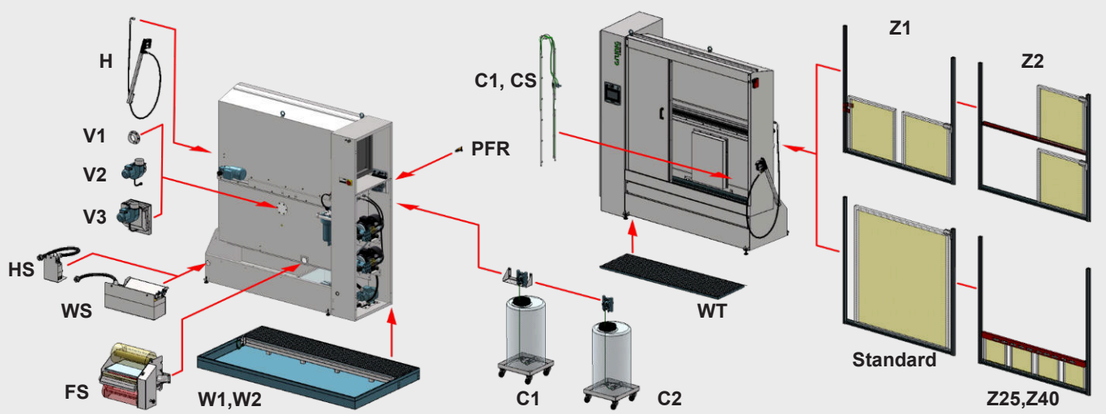

Screen support (option Z2)


Screen support (option Z2 + Z25)



Screen format	Frame width (SB)	1000 - 2000 mm
	Frame height (SH)	1500 mm
	Frame profile height	N/A mm
	Frame profile thickness	20 - 40 mm
Dimensions	Width	SB + 765 mm
	Height	2275 mm
	Depth	860 mm
Connections	Electric	3 x 400 V / 50 Hz (3L+N+PE)
		3 x 220 V / 60 Hz (3L+PE)
	Compressed air	1/4" / 6 bar / 50 l/min
	Water	1" / 3 bar / 25 l/min
	Waste water	2" / 25 l/min
	Exhaust air	ø100 / 500 m³/h / 450 PA
	IT-Network	Ethernet / RJ45
Continuous sound pressure level		<85 dB (A)





Modularity