

G-WASH 106 – continuously adjustable washing pressure for maximum flexibility in screen developing and degreasing



106

G-WASH

INDUSTRY 4.0 READY

Marabu Scandinavia - Sweden
040-672 84 00/08-448 07 50
info@marabu.se - www.marabu.se

Marabu Scandinavia - Norway
22 73 50 00
info@marabu.no - www.marabu.no

Marabu Scandinavia - Denmark
70 10 00 67
info@marabu.dk - www.marabu.dk

Marabu Scandinavia - Finland
09-279 85 40
info@marabu.fi - www.marabu.fi

CE

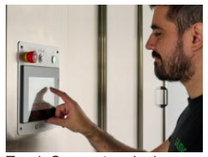
EC Conformity
The product answers the requirements of the EU Machinery Directive.

All the measures are specified in mm
Technical changes are reserved

Grünig-SignTronic AG
CH-3150 Schwarzenburg
☎ +41 31 734 26 00
✉ info@grunig-signtronic.com
🌐 www.grunig-signtronic.com

Grünig SignTronic

G-WASH 106 PLUG & WASH
Automatic screen developing machine


Touch Screen terminal


Special Grünig nozzles for easy cleaning


Spray carriage drive unit with sliding clutch


Powerful fluid system


Universal screen fixing system


Manual lance (option H)


Inclined filter (option FS)


Aerosol filter (option V3)

The most important features at a glance

- PLUG & WASH construction method:
  Unpack, set up, connect, develop
- The machine is available in 5 standard sizes:
  Screen height (SH): 1500 mm
  Screen width (SB): 1000 - 2000 mm in increments of 250 mm
- Two versions are available: A1 for pure clean water operation and A2 for ecological closed-circuit operation
- Safe working procedures thanks to the closed washing chamber
- Uncomplicated operation by means of a 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 pump guaranteeing optimal development results
- Electronically adjustable washing pressure between 5-12 bar (optional: up to 20 bar)
- 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)



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

Version A1
- Developing machine for 100% clean water operation

Version A2
- Developing machine with integrated closed circuit and rinsing tank1 (clean water economy up to 80%)

Option C1
- Basic equipment for screen degreasing

Option C2
- Additional equipment for a second chemical product (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 P20
- Increase of the pump pressure up to 20 bar

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

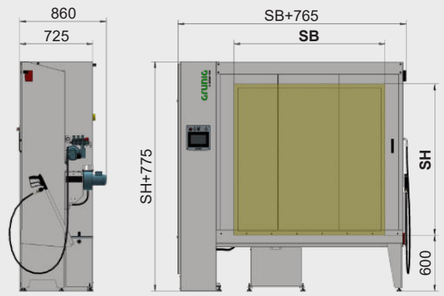
Option Z1
- Complement: screen holder for washing 2 juxtaposed screens

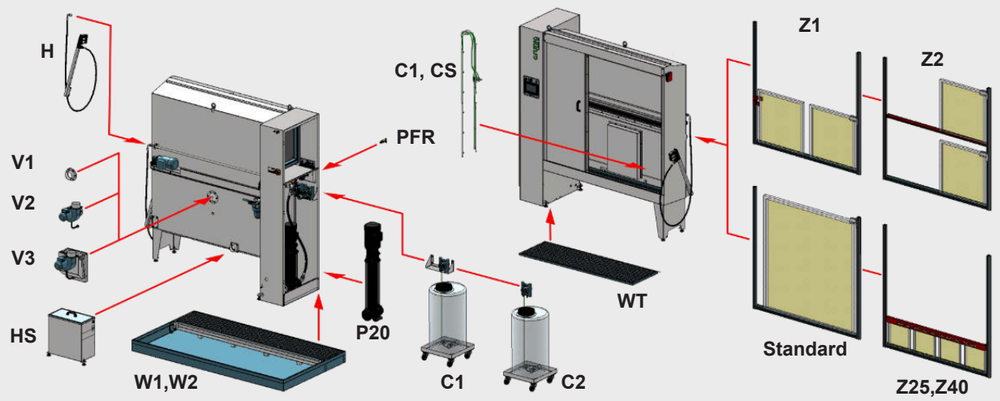
Option Z2
- Insertable screen support for washing 2 superposed screens

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)

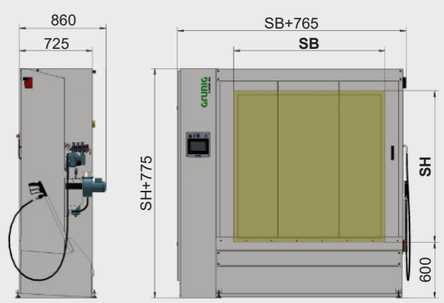
Screen format	Frame width (SB)	1000 - 2000 mm
	Frame height (SH)	1500 mm
	Frame profile height	N/A mm
	Frame profile thickness	20 - 40 mm
Dimensions	Width	SB + 765 mm
	Height	2275 mm
	Depth	860 mm
Connections	Electric	3 x 400 V / 50 Hz (3L+N+PE)
		3 x 220 V / 60 Hz (3L+PE)
	Compressed air (C1 / C2)	1/4” / 6 bar / 50 l/min
	Water	1” / 3 bar / 35 l/min
	Abwasser	ø90 mm / 35 l/min
	Abwasser (HS)	1” / 35 l/min
	Exhaust air	ø100 / 500 m³/h / 450 PA
	IT-Network	Ethernet / RJ45
Continuous sound pressure level		<75 dB (A)

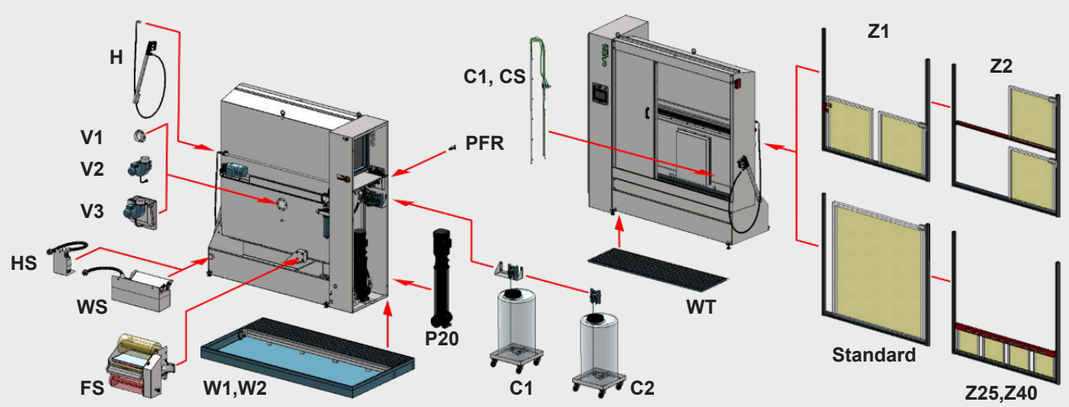




Modularity A1

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 / 35 l/min
	Waste water	2“ / 35 l/min
	Exhaust air	ø100 / 500 m³/h / 450 PA
	IT-Network	Ethernet / RJ45
Continuous sound pressure level		<75 dB (A)





Modularity A2