

The G-WASH 105 allows simplifying and automating in a significant way the washing process for smaller and medium-sized screens



**G-WASH 105**

**GRÜNIG**

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# G-WASH 105

## Solvent-based screen cleaning machine (EX)



Control unit



Dripping chamber



Option V



Spraying nozzle

### Particular features

- The G-WASH 105 has been designed for automatically removing printing dyes from serigraphy screens by means of solvents. The used solvent must have a flashing point of >40°C.
- Explosion-proof construction method EX
- Compact design requiring a minimum of maintenance
- The machine requires very little space while offering an optimal handling
- Simple lateral loading of the screens. During the washing process, the door is automatically locked
- The solvent is sprayed onto the screens from both sides by means of a double membrane pump and fan jet nozzles. Full-surface washing from both sides ensured by oscillating nozzle tubes
- Special Grünig nozzles made from V2A with service cover for easy nozzle cleaning
- A 200 liter standard barrel can be easily and rapidly place beneath the installation.
- The standard barrel is used as a solvent tank. This barrel is also where the sedimentation of the polluted solvent takes place.
- A coarse filter installed in the solvent return system allows eliminating bigger particles, such as adhesive tape, etc.
- A dripping chamber with a capacity of 5 insertion places guarantees an efficient dripping-off of the cleaned screens
- The machine is equipped with an exhaust air connection with change-over flap for the washing chamber and with a fixed exhaust air connection for the dripping chamber
- The chassis of the screen washing machine is a rugged welded construction made of chromium steel sheet V2A

### Program

- Automatic program with adjustable washing time

### Option V

- Upon request of the customer, an exhaust air ventilator (EX) is connected to the screen washing installation. The electric power connection must be provided by customers, outside of the explosion-proof area.
- The ventilator continuously sucks out the solvent vapors from the dripping chamber.
- The solvent vapors are also automatically sucked off at the end of the process and whenever the loading door is open.

### Option T Air nozzle dryer

- Air nozzles are mounted on both sides of the loading door. This solution ensures an efficient blowing-out of the residual solvent when the screens are taken out of the machine.

### Option M

- Master-Frame for the reception of 6 to 9 CD screens

### Option W

- Trough embedded in the floor, of stainless steel V2A

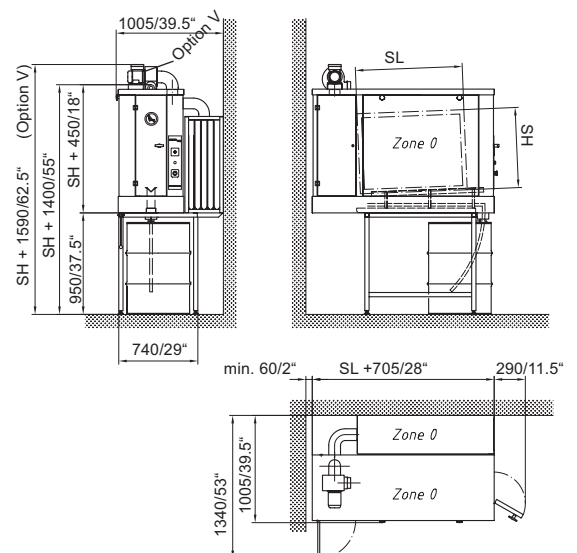


Screen format	SB Screen width	mm/inch	1000, 1250, 1500
			39", 49", 59"
	SH Screen height	mm/inch	750, 1000, 1250
			29.5", 39", 49"
	Screen profile thickness	mm/inch	20 - 50
			0.7", 2"
Options	V, T, M, W		
External dimensions	Total width	mm/inch	1005/39.5"
	Total height	mm/inch	SH + 1400/55"
	(with option V) Total height	mm/inch	SH + 1590/62.5"
	Total depth	mm/inch	SL + 605/24"

Connected load	no electric power connection provided by the standard version		
	(with option V) 3 x 400 V / 3 x 220 V / 50-60 Hz		

Compressed air	Connection load	Bar	8
	Air consumption	m <sup>3</sup> /h	35
	Air consumption (option T)	m <sup>3</sup> /h	70

Solvent pump capacity	l/min	50 - 80
Permanent sound pressure level	dB (A)	< 75
Technical data subject to change without notice		



The machine answers the requirements of the EU guidelines for machinery