

The G-COAT 415 provides safe and rapid coating on both sides, in any desired thickness and quality



G-COAT 415

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G-COAT 415

Automatic coating machine MODULAR



Touch-Screen Terminal



Option R



Option T



Coating trough

Particular features

- Advantageous introduction into the automatic double-sided coating technique.
- Safe reproductibility of the coating results guaranteed for direct coating process wet-on-wet (tolerance +/- 1 μ).
- Modular construction method in various execution models (front or side loader, IN-LINE configuration).
- Uncomplicated operation and introduction of all the parameters via a Touch-Screen Terminal.
- Length measuring system for detecting the screen sizes and controlling the coating position.
- The separate actuation of both coating troughs allows to coat the mesh from the squeegee side, from the print side or from both sides.
- The contact pressure of the coating troughs on the mesh can be adjusted for both sides.
- Extremely silent operation of the coating carriage.
- Toothed belt drive unit with sliding guide made of special synthetic material, requiring just a minimum of maintenance.

Version A10

- Unpretentious and advantageous standard execution front loader.

Version A20

- Raised floor base for an optimal handling of smaller screens (SOLAR, CD).

Version A30

- Loading and unloading of the screens from one side.

Version A40

- IN-LINE execution for integration into automatic production lines (feeders, dryer, CtS, etc.)

Programs

- 50 coating programs (cycles, speed, times, process sequence).
- Screen adjustment (screen size, profile thickness).

Option S

- Pneumatic screen supports on top for an optimal fastening of the screens.

Option Z

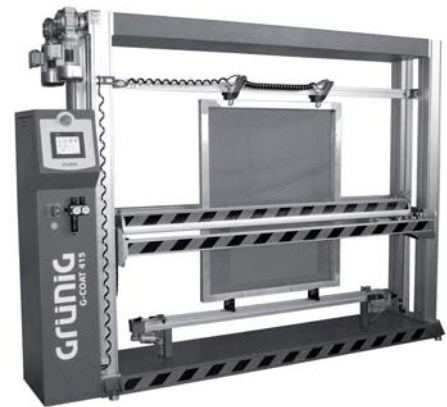
- Multiple reception of several screen frames by means of additional pneumatic screen frame clamping device.

Option R

- Automatic cleaning of the coating edge by means of moistened wiper rolls which wipe off the remaining emulsion from both sides. The wiper rolls are automatically washed.

Option T

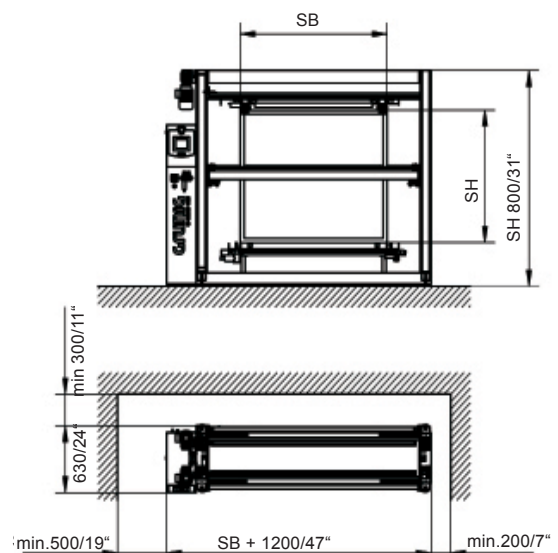
- Intermediate drying of the emulsion layer by means of hot air from the print side, in order to allow a build-up of the layer on the print side or a preliminary drying of the emulsion layer.



Screen frame size	SB Screen frame width	mm/inch	1000-2500
			39"-98"
	SH Screen frame height	mm/inch	1250-5000
			49"-196"
Frame profile height	mm/inch		30-195
			1"-7"
Frame profile thickness	mm/inch		10 - 60
			0.3"-2"
Index of options	S, Z, R, T		
Overall size	Total width	mm/inch	SB + 1200/47"
	Total height	mm/inch	SH + 800/31"
	Total depth	mm/inch	630/24"
Energy supply (Depending on the heating capacity)	Nominal voltage	Volt	3x400 + N + PE
			3x220 PE
	Fuse protection	A	10 - 25
	Capacity	kW	1 - 12
Compressed air	Frequency	Hz	50/60
	Connection value	bar	6
Permanent sound - pressure level	Air consumption	lit/min	10
		dB (A)	< 70

Technical data subject to change without notice

February 2011



All measurements in mm / inch



The machine answers the requirements of the EU guidelines for machinery