

G-COAT 414 – the economical and flexible coating machine for screen sizes of up to 2 x 2 meters



G-COAT 414

Grünig

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G-COAT 414

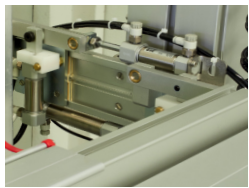
Automatic coating machine



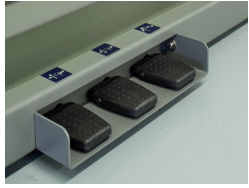
Touch-Screen Terminal



State-of-the art SPS control



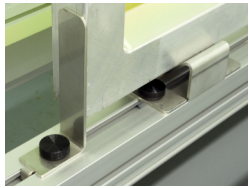
Pneumatically controlled coating carriage



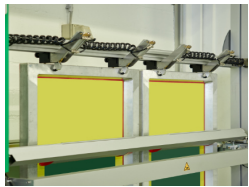
Foot pedal operation of the screen tie-bar and stretchers



Screen support with height adjustment



Screen holder and lateral stop piece



Simultaneous coating of two screens (Option Z)

The main features at a glance

- Available for screen sizes between 1000 x 1200 mm and 2000 x 2000 mm.
- For smaller sizes: available as a PLUG & COAT system: unwrap – set up – coat
- Solid lightweight construction
- Uncomplicated operating concept
- Input of the coating parameters via Touch-Screen Terminal
- Freely programmable number of programs
- State-of-the art SPS control and continuously variable drives
- Compatibility with Industry 4.0 standard, data exchange by means of OPC-UA architecture
- Thanks to the individually controlled coating troughs, the screens can be coated on the squeegee; on the print, or simultaneously on both sides.
- High degree of reproducibility of the coating results
- Integrated measuring system for the detection of the frame profile height; control of the coating positions
- Due to the adjustable frame profile height, an optimal utilization of the coating surface is possible
- The contact pressure and the forward-tipping motion of the coating trough are pneumatically controlled.
- Extremely silent operation of the coating carriage thanks to the use of sliding guides and toothed belt transmission.
- Uncomplicated adaptation to the screen format thanks to the motor-driven screen tie-bar.
- Three integrated foot pedals for controlling the screen tie-bar and pneumatic stretchers
- The height of the screen support can be individually adjusted in order to guarantee ergonomic working even when handling small screens.
- The screen holders are designed to handle frame profile thicknesses between 20 and 40 mm.

Option MD

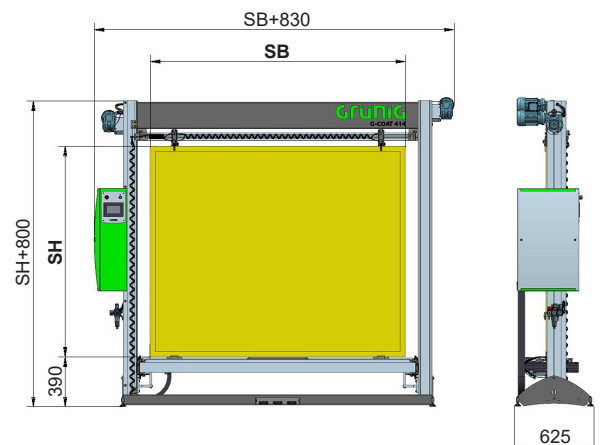
- The Option „Maintenance Diagnostic“ allows error analyses and remote maintenance assistance by the Grünig support team.

Option Z

- Additional screen supports for simultaneous coating of two screens



Screen format	SB Screen width	1000 - 2000	mm
	SH Screen height	1200 - 2000	mm
	Frame profile height	30 - 200	mm
	Frame profile thickness	20 - 40	mm
Dimensions	Width	SB + 830	mm
	Height	SH + 800	mm
	Depth	625	mm
Power supply	Voltage	1x230+N+PE	V
		1x110+N+PE	V
	Frequency	50/60	Hz
Permanent sound pressure level		< 70	dB (A)



The machine is in compliance with the EU machinery directives (CE conformity)

Technical changes are reserved
All the measures in mm
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