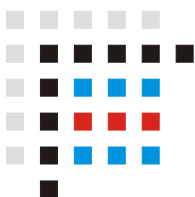


## Automatic coating machine

**PLUG  
&  
COAT**



Pat. pend.



**SEFAR AMERICA INC.**

120 Mt. Holly By-Pass  
Lumberton, NJ 08048

Phone: 1.800.424.1401  
Fax: 609.267.1750  
Website: [www.sefaramerica.com](http://www.sefaramerica.com)  
E-mail: [equipment@sefaramerica.com](mailto:equipment@sefaramerica.com)


**SEFAR**

**Grünig-Inter screen AG**  
CH - 3150 Schwarzenburg  
Switzerland

Telefon: ++41 -31 734 26 00  
Telefax: ++41 -31 734 26 01  
E - mail: [mail@grunig.ch](mailto:mail@grunig.ch)  
Internet: [www.grunig.ch](http://www.grunig.ch)

# G-404 Automatic coating machine

## Particular features

- The unique construction based on a central carriage guide system allows achieving a **top quality** at an extremely **low price**.
- **"PLUG & COAT"** construction:  Unpack, set up, coat.
- Automatic **coating process from one side**.
- Coating from the **printing side** or from the **squeegee side**.
- Safe **reproducibility** of the coating result guaranteed for the direct wet-on-wet coating as well as for the face coating process (tolerance +/- 1 micron).
- The relevant **coating parameters**, such as the number of coating cycles, the waiting time and the coating speed, can be adjusted on the carriage plate.
- **Single size** appliance for a maximum frame size of up to W1250 x H1250 mm. Smaller frames can of course be coated without problem, too. The minimum frame size is W450 x H450 mm.
- On the carriage plate, the **frame profile height** can be adjusted in function of the respective frame size.
- The **mesh contact pressure** of the coating trough and its application onto the mesh is carried out by means of high-precision DC-motors.
- Extremely **silent operation** of the coating carriage thanks to the use of special guide profiles and a toothed belt drive unit.
- Mechanical frame support with **patented shifting stop piece** for the printing or squeegee side.
- The height of the **mechanical frame support** can be easily and without problems be adjusted to the respective frame size in height.
- Extremely **low maintenance** model:
  - toothed belt drive unit
  - all the drive unit using DC-motors
  - no pneumatic elements

## Accessories

- 1 aluminium coating trough G-401 with trough radius to be selected by customers.
- 1 Operating manual with CE declaration

## Program

The coating speed (between 100 and 450 cm/min.), The number of coating cycles (between 1 and 5 cycles) as well as the waiting time (between 0 and 10 seconds) can be adjusted on the coating carriage.

## Control

- PLC** Grünig processor control
- Drive** Grünig DC motor control

## View of a coating carriage with parameter setting



## View of a frame support with shifting stop piece



The machine answers the requirements of the EU guidelines for machinery (CE conformity)

Technical data subject to change without notice

Screen frame size	Screen frame width OD	mm	1250
		(inch)	50
	Screen frame height OD	mm	1250
		(Inch)	50
	Frame profile height	mm	30 - 100
	Frame profile thickness	mm	20 - 50
Index of options	none		
Overall size	Total width	mm	(1250) 540
	Total height	mm	1785
	Total depth	mm	540
Energy supply	Nominal voltage Volt	V	1 x 230+N+PE
		V	1 x 110+N+PE
	Fuse protection	A	1
	Capacity	KW	0.2
	Frequency	Hz	50/60
Permanent sound-pressure level		dB (A)	< 70

