

**viprotech**

## Vipromat Inline Cool



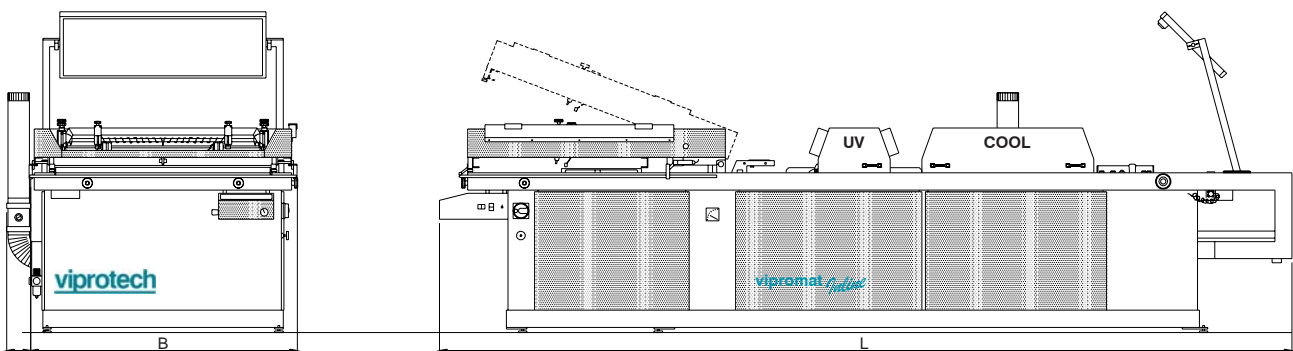
Viprotech  
keeps  
screen  
printing  
moving

The Vipromat Inline Cool is the most complete and compact three-quarter automatic screen printing machine, consisting of printing machine, takeoff system, UV-drying unit, cooling unit and stacker. All units and functions are built into one frame, so the printing line is just a few meters long, it gives a better view and is easy adjustable without any extra tools. The operation of the printing unit of the "Executive" type is completely electronically. The digital display shows all set values of the machine-parameters and information can be read out and put in for repeat jobs. The position of the takeoff unit is adjustable, so also shorter sheets can be put into the machine and unloaded automatically afterwards. Besides that the takeoff heads are independently adjustable in width. The UV-unit can be opened at any time, automatically switching off the lamp. The stacker (all functions are completely automated) is developed to handle all kinds of paper, cardboard, self-adhesive materials and all common synthetic materials. Adjustable blow air simplifies the perfect stacking of both rigid and non-rigid materials.

- Printing table of anodised aluminium with absolutely playfree fine-register adjustment
- Electric adjustment of the off-contact, digital read-out. Adjustment range 3 - 28 mm
- Automatic lift-off
- Pneumatic locking system for the screen. The screen can be slid in from the side and may extend the machine on either side during printing
- Adjustable speed for squeegee and floodcoater between 0.2 - 1.2 m/sec., independent of each other and with digital read-out
- Adjustable print stroke length by sliding proximity switches
- High accurate linear bearing system for squeegee guiding
- Pneumatic squeegee / floodcoater change-over system and pneumatic squeegee pressure system, accurate pressure setting and on-off function from control panel
- Print-flood / flood-print action
- Adjustable dwell at the end of the squeegee stroke
- Fully adjustable vacuum functions with a permanent vacuum for set-up purposes, pre-vacuum with adjustable dwell for easy handling of warped materials and blow-back for easy take-off of heavy materials
- Electronic printed sheet counter
- Full security around the printing machine through a red safety bar
- The take-off unit, adjustable in depth, has 4 heads with suckers,  $\varnothing$  21 mm, independently adjustable in width
- The Vipro suction heads come down vertically, as soon as the right position is reached for handling materials that are difficult to take off
- Teflon coated transport belt is heat- and UV-radiation proof
- The speed of the belt is adjustable from 5 to 25 m/min
- Strong vacuum with air movement of approx. 3200 m<sup>3</sup>/hour takes care of a perfectly smooth transport through the UV-dryer and temperature control inside the dryer
- The UV-unit is provided with 1 UV-lamp (120/80 Watt/cm)
- The take-off unit is suited for stacking almost any kind of materials
- The stacker plate lowers automatically during piling
- Adjustable pneumatic side-stops as well as mechanical rear-stops
- Adjustable blow air

#### Options

- Stainless steel table top
- Pneumatic operated lay-stops
- Dripless squeegee system (max. printing size will be reduced)



Sizes in mm

Maximum printing size	<b>500 x 700</b>	<b>700 x 1000</b>	<b>900 x 1250</b>	<b>1000 x 1400</b>
Maximum frame size	925 x 1200	1125 x 1500	1275 x 1700	1425 x 1900
Maximum sheet size	685 x 950	885 x 1250	1035 x 1450	11185 x 1650
Power connection	400 V, 50 Hz, 3f+N+Pe			
Electrical connection	16 kW	19 kW	21 kW	23 kW
Air connection	6 bar, 200 nl/min, free air			
Air consumption	Ø200 (compressor not included)			

Technical changes reserved

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