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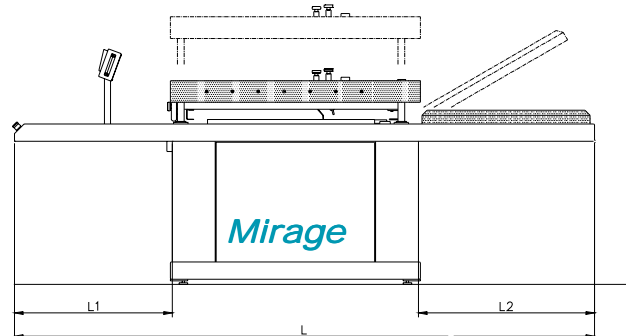
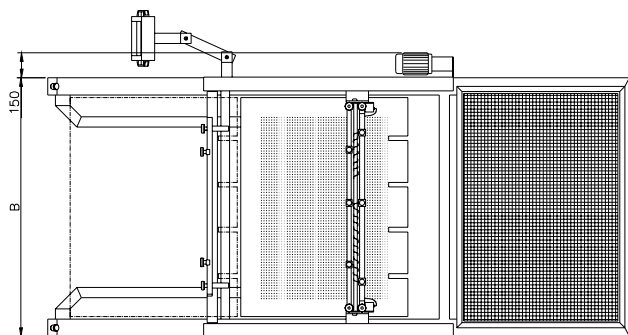
Vipro Mirage Mk-II



Viprotech
keeps
screen
printing
moving

The Vipro Mirage Mk-II is a very advanced, three-quarter automatic screenprinting machine with horizontal screenlift and integrated take-off system. The Vipro Mirage Mk-II is extremely complete and characterises itself, just like all other Viprotech screenprinting machines, by its compact way of construction and its user-friendliness. The machine is completely computer controlled and leaves nothing extra to wish for, because most of the wanted options are already built in. The very modern control panel is provided with a touch screen on which all functions are clearly recognizable and orderly categorized. Unique are the speed and the ease of operation when setting and adjusting the machine. The ink return function recollects the ink that went outside the squeegee stroke during printing which reduces production stop considerably. Special attention during the design was given to the low noise level of the machine, achieved among others by using tooth belt drive and a linear bearing system for the squeegee carriage and printing table. These applications have made the Vipro Mirage Mk-II already meet with the standards of tomorrow. The Vipro Mirage Mk-II is very well suited for repeat orders, because the computer control guarantees a 100% identical technical reproduction. An optional interface can connect the machine to a PC or DataCARD®system.

- Active take-off system: the grippers deliver the material directly on the inletbelt of the conveyor belt during the outcoming movement of the printing table
- Self correcting adjustable squeegee pressure
- Pneumatic squeegee change-over and screen locking system
- Encoders determine the position of the squeegee carriage without endswitches
- Sample function to return printed material to the operator for checking
- Fully programmable vacuum functions: pre-vacuum, vacuum, permanent vacuum and blowback by means of super silent but powerful vacuum motor
- Choice of squeegee stop: 'print-flood' to increase the production speed and to prevent the ink from drying into the screen or 'flood-print' to prevent ink from leaking when printing for example a negative printing image
- Choice of printing 1 to 10 times on the same material
- Adjustable dwell-time at the end of the squeegee stroke
- Lift-off can be switched on and off (automatic screenlift quasi synchronic to squeegee stroke
- Extensive counter functions
- Extra high lift of the upper frame so allow the printer easy access and freedom of movement to carry out control or cleaning proceedings without any trouble
- The digitally adjustable off-contact height is readable from the touch screen
- Both manual and automatic operation with adjustable feeding time
- Possibility to use the machine semiautomatically to allow printing on material thicker then the thickness mentioned in the take-off specifications
- Possibility to open the grippers at the end or before the end of the gripper movement
- Just touching the screen will activate the desired lay-stops. Besides front lay stops choice of right or left lay stops
- Self adjusting grippers
- Optical take-off security
- Before each print stroke all machine functions are checked on high speed. A possible disturbance is reported and in most cases the control will take the appropriate action
- Special highspeed modem for service



Dimensions in mm

Maximum printing size	700 x 1000	900 x 1250	1000 x 1400	1200 x 1600	1400 x 1800
Maximum screen size	1150 x 1500	1350 x 1700	1450 x 1900	1650 x 2100	1850 x 2300
L	3365	3815	4265	4715	5165
L1	915	1065	1215	1365	1515
L2	1020	1170	1320	1470	1620
B	1500	1700	1900	2100	2300
Maximum prints/hr	800	750	700	600	500
Machine weight in kg	450	500	600	700	800
Maximum stock thickness	4				
Maximum gripper margin	5				
Maximum off-contact	20				
Fine register adjustment	+10 / -10				
Squeegee speed mtr/sec	0,1 - 1,5				
Squeegee angle	75 - 90°				
Electrical connection	400 V, 50 Hz, 3f+N+Pe, 4 kW				
Air consumption	8 bar (800 kPa / 120 psi), 180 nl/min, free air				

Technical changes reserved

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HAARLEM-HOLLAND TEL 023 5319123 FAX 023 5311240 WWW.VIPROTECH.COM