

SAMM POSTPRINT

AUTOMATIC MOUNTING MACHINE POSTPRINT

- The automatic mounting machine for the corrugated postprint industry
- Highest accuracy of measurements and positioning (0,005 mm / 0,0002")
- Eliminates mounting related press downtime
- Operator interaction time is minimized
- Extremely accurate mounting
- Extremely fast
- Optimal workflow




■ DESCRIPTION

The SAMM Postprint for the corrugated industry belongs to the top range of AV Flexologic mounting machines for mounting flexographic printing plates onto mylars. This flexo mounting machine has been developed for our customers who demand the highest standards in mounting speed, repeatability, consistency and accuracy in the corrugated or postprint market.

When mounting, the operator can choose an existing job or create a job. The operator pre-positions the flexo plate roughly on the mounting table. Upon recognition of the mounting marks through the high tech cameras, the plate is automatically positioned. The pressure roller presses the plate pneumatically onto the mylar. The operator uses the foot pedal to rotate the cylinder and mount the plate airtight. A proofing cylinder with digital adjustment for a perfect proof is available for the SAMM Postprint. In this case, after mounting the plate cylinder is automatically brought to the correct position for pulling a proof. The SAMM Postprint software automatically calculates any distortion based on the information provided in the job (mylar thickness, etc.). Distortion is then digitally compensated. This one mounting drum is thus suitable for all presses.

■ FEATURES


Robotic positioning enables accurate position down to microns
Automatic quality check ensure correct mounting
The mounting cylinder is standard provided with a locking strip for the so-called Matthews or Bobst system, however other systems can be realized as well
Patented Digital Calibration of the Camera Beam to achieve highest accuracy
Pressure roller ensures mounting with equal pressure and without air inclusion
Windows based, easy to use mounting software providing compatibility with all current-day file and server systems
Compatible with ESKO Patchplanner software (optional) and Hybrid Patchplanner software
A fixed one-size-fits all mounting cylinder. A computer controlled electronic motor directly drives the cylinder (gearless)

Quality report

Plate No: 1	Left X	Left Y	Right X	Right Y
Plate height	2000	2000	2000	2000
Top	0	0	0	0
Actual	0	0	0	0
Bottom	0	0	0	0
Actual	0	0	0	0
Right	0	0	0	0
Actual	0	0	0	0
Bottom	0	0	0	0
Actual	0	0	0	0
Right	0	0	0	0
Actual	0	0	0	0



Third camera and display for printing proof inspection and for alligned placement plot paper



SPECIFICATIONS	OPTIMOUNT 3000 / 3500	FLATMOUNT 3000 / 3500	SAMM POSTPRINT 3000 / 3500
Max Width Mylar and Plate	3000 mm / 3500 mm	3000 mm / 3500 mm	3000 mm / 3500 mm
Max Repeat Mylar and Plate	1850 mm	1700 mm	1850 mm

FEATURES & OPTIONS	OPTIMOUNT	FLATMOUNT	SAMM POSTPRINT
HD Ethernet Camera's	✓	✓	✓
Windows 10 mounting software	✓	✓	✓
Overlay	✓	✓	✓
Digital Zooming capability		✓	✓
HD Monitor	✓	✓	✓
Laser pointers	✓	✓	✓
Motorised Camera	✓	✓	✓
Digital Calibration System	✓	✓	✓
Pressure roller	●	●	✓
Image Recognition Software		●	✓
Quality report		●	✓
Automatic Quality Check		●	✓
Vacuum Table		●	✓
DOAL Lights		●	✓
Robotic positioning			✓
Mechanical locking System for mylar sheets		●	
ESKO plate patcher compatibility	●	●	●
Hybrid Patchplanner software	●	●	●
Digital mirror for proof cylinder check	✓		●
Proofing Drum	✓		●
Vertical Movement of Cylinder			✓

✓ Included ● Optional

AV Flexologic

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■ AV FLEXOLOGIC - WE INNOVATE!

AV Flexologic BV's mission is to deliver highly innovative solutions in the Flexographic industry in between the graphics and press departments. We strive to save cost, and increase efficiency and quality for our customers.

We achieve this by digitalizing traditional workflows and continuously improving on existing equipment with advanced technology and inventing new equipment.

■ OTHER EQUIPMENT OF AV FLEXOLOGIC

<p>■ PLATE MAKING EQUIPMENT</p> 	<p>■ NARROW WEB MOUNTING MACHINES</p> 	<p>■ CORRUGATED PREPRINT MOUNTING MACHINES</p> 
<p>■ WIDE WEB MOUNTING MACHINES</p> 	<p>■ SLEEVE STORAGE SYSTEM</p> 	<p>■ TECH SLEEVES SLEEVES AND BRIDGES</p> 

