



# ATMA-TIC TF68



**New!**

## Automatic flat-bed machine with camera screen and image registration



The **ATMA-TIC TF68** is a new generation 4-post flat-bed machine to be used for the most demanding screen printing applications including the combination of screen and digital preprints.

- **2 cameras** checking the position of the image OR sheet edge
- vacuum section precisely aligns the sheet according to the screen position
- accuracy  $\leq 30 \mu\text{m}$



The squeegee assembly runs in 90° angle to the sheet transport. Squeegee and flood coater are quick and easy to insert. Squeegee and flood coater are driven by servo motor and securely run in linear bearing rails.

The robust machine chassis is enclosed by a transparent dust and safety cover.

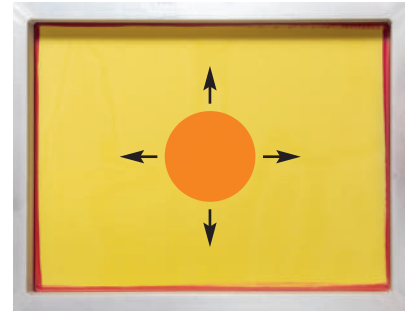
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The proven single-sheet front-pick-up feeder can handle the most difficult substrates and securely places the sheets on the infeed table. The belt system transports the sheet to the gripper pick-up position. Optional "just-in-time" sheet cleaning can be installed.



Servo driven feed- and discharge grippers running over precise linear bearing rails. The feed gripper takes the sheet from the camera registration position and places the sheet in the center under the screen. The position of the print table is automatically adjusted to the sheet size.



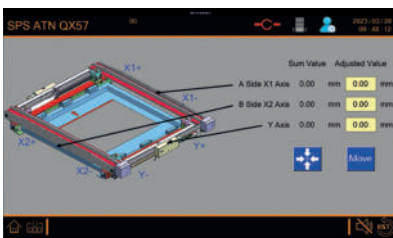
The unique feature of exposing the image in the center of the screen frame eliminates undesired image deformation due to uneven mesh tensions. The **ATMA-TIC TF68** accepts various screen sizes.



The retractable screen frame outside of the machine body makes cleaning and/or corrections comfortable. After push back there is no need for new registration, production can continue without any further interruption.



The convenient and modern 21" color Human Machine Interface uses easy to understand icons. From the HMI the operator can store and/or recall up to 100 recipes. Print length correction values can be set for multiple sections of the image.



If necessary, minor further screen registration corrections can be given a numeric input on the large size color display (HMI).

## TECHNICAL DATA ATMA-TIC TF68

Maximum sheet size	mm	600 x 800
Minimum sheet size	mm	250 x 300
Maximum screen size	mm	1.000 x 1.300
Minimum screen size	mm	900 x 900
Camera movement stroke	mm	Y=300 – 800 / X= 0-25
Camera FOV (field of view)	mm	18,9 x 14,1
Maximum production speed	iph	800
Dimensions	mm	L= 3.828 / W= 1.956 / H= 2.005
Electrical connection		400 V, 3 ph +N, 10kW
Compressed air		5-7kg/cm <sup>2</sup>
Machine weight	kg	3.200

All specifications given in this brochure are subject to possible alteration.