SPS · GERMANY

SPS ASTRON QX 71

PRINTERS / STOP-CYLINDER PRESSES / FULLY AUTOMATIC



OVERVIEW

The newest generation of STOP cylinder screen printing machines is the SPS ASTRON QX range: an automatic 4-post press that is fully servo driven, with CCD camera image registration to an accuracy of 30 um or better.

BRAND	SPS
COUNTRY	Germany
MODEL	ASTRON QX 71
SERIES	ASTRON QX
CATEGORY	Printers
TYPE	Stop-cylinder presses
OPERATION	Fully automatic

01 SPECIFICATIONS

Max. sheet size [mm]	750 x 1,050
Min. sheet size [mm]	280 x 420
Substrate thickness [mm]	0.07 - 0.8
Print frame, o/d (variable) [mm]	1,140 x 1,280
Image registration accuracy [µm]	30
Max. production speed [iph]	1,800
Max. capacity with camera registration [iph]	1,000
Number of cameras	2
Length (incl. feeder) [mm]	4,260
Width (excl. side walkways) [mm]	2,165
Height [mm]	1,850

02 FEATURES

- Fully servo driven: one main servo on the cylinder drive shaft plus two electro-magnetic linear motors for screen movement
- Print length can be stretched or shortened non-linearly over the image; flooding speed can exceed print speed
- Shortest change-over in the industry: enter a sheet size and all size-related settings, including sheet edge rollers, move automatically; a new screen is in register in under 1 minute
- Retractable screen holder slides the screen out of the chassis for cleaning and back in without losing registration
- CCD camera image registration with 2 cameras on the side-lay marks, accuracy of 30 um or better, sheet by sheet
- Normally combined with the SPS AUTOFEED FP single-sheet front pick-up feeder for static-loaded or scratch-sensitive material

Specifications are taken from the manufacturer's published data and may change. Confirm the configuration for your job with Sunstar before ordering.

03 APPLICATIONS

- Printed flexible electronics
- Bank / credit cards
- Textile transfers
- Bio-medic strips
- Fim (film insert moulding)
- Other functional printing

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PRODUCT PAGE

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