



## ESC-AT P

High-performance semi-automatic screen printing machines  
for rigid and flexible material



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# ESC-AT P

High-performance semi-automatic screen printing machines for rigid and flexible material. Prime quality in elegant design. Three models available for maximum printing sizes of 600 x 800 mm, 700 x 1200 mm and 700 x 1600 mm.



ESC-AT-120P



ESC-AT-80P

## OPTIONS:

- non-drip system
- retractable lay stops - pneumatically operated
- optical fibres in the feed table for sensor detection of material

## STANDARD FEATURES:

- programmable logic controller with LED display to indicate operation sequences
- high-grade linear guidings for absolutely smooth and silent machine motions
- electromechanic drive
- vertical, motor-driven frame lift with synchronous screen peel system
- precision print head with pneumatic vertical lift for change of screens and cleaning jobs
- very precise, speed regulation for squeegee and flood coater, infinitely variable
- neutral position for squeegee and flood coater
- single function control for set-up mode
- single stroke for operation by pedal switch and auto mode by timer
- extremely short set-up times, no tools required
- pneumatic frame locking
- simple fitting and removal of squeegee and flood coater
- length of printing stroke infinitely variable by limit switch
- metal vacuum table with micrometric fine adjustment in x-y-axis  $\pm 10$  mm
- centralized setting to adjust to substrate thickness, analogue reading
- pneumatic squeegee pressure compensation
- adjustable inclination angle for squeegee and flood coater, readable by scale
- squeegee and flood coater settable to skew position (snowplough system)

## TECHNICAL DATA:

	AT-80P	AT-120P	AT-160P
vacuum table	700 x 900 mm	800 x 1400 mm	800 x 1700 mm
vacuum area	600 x 800 mm	700 x 1200 mm	700 x 1600 mm
max. printing size	600 x 800 mm	700 x 1200 mm	700 x 1600 mm
max. substrate thickness	25 mm	25 mm	25 mm
max. frame size (external)	900 x 1100 mm	1000 x 1500 mm	1000 x 1900 mm
frame lift	300 mm	300 mm	300 mm
adjustable printing speed	0 - 835 mm/sec	0 - 835 mm/sec	0 - 835 mm/sec
max. cycling speed	800 p/h	650 p/h	480 p/h
squeegee angle adjustment	$\pm 9^\circ$	$\pm 9^\circ$	$\pm 9^\circ$
mains supply (50 Hz)	3 x 400 V	3 x 400 V	3 x 400 V
working pressure	6 bar	6 bar	6 bar
dimensions (l x w x h)	1480 x 1220 x 1670mm	1900 x 1400 x 1760mm	2280 x 1320 x 1760mm
weight	approx. 805 kg	approx. 980 kg	approx. 1310 kg

Subject to technical modifications