

SVECIA – *Your partner for better performance*

Sveciamatic T-type, T50i/T70i

Model
550x750/1650x2150

As the clear successor to the machine that has been setting the standard in screen-printing since the 1960's, the new generation Sveciamatic T-type combines solid quality steel construction, with modern drive, and control technologies operated via an easy-to-use LCD touch-control panel.

The new (pat. pend.) squeegee carriage with level-searching squeegee pressure compensation improves print quality, as well as, reducing set-up time and work for the operator. With a new programmable vacuum/blow-back control system simplifying substrate feeding, the Sveciamatic T-type provides screen printers with all they need to achieve high performance and perfect results.



T50i & T70i are adapted for industrial applications within the new generation of Sveciamatic T-type. (The picture shows a T50i with optional roller balls print table and stainless steel table top).

Standard equipment T50i/T70i:

- Integrated PLC control system.
- LCD touch control panel with programmable setting, monitoring & diagnostics of printing parameters.
 - storage system of job parameters.
 - adjustable squeegee & floodcoater stroke lengths.
 - off-contact adjustment.
 - adjustable print table, squeegee & floodcoater speeds.
 - squeegee pressure setting in N/cm length.
 - off-contact setting (4-25 mm).
 - selector for up to 9 prints wet-in-wet.
 - choice of delayed flooding.
 - adjustable peel-off delay.
 - adjustable pre-vacuum timer function.
 - counter settings.
 - print table delay timer.
- Solid welded base frame with heavy duty steel lifting columns.
- Pneumatically operated vertical floodcoater,

movement with micrometers for manual height adjustment.

- 90° upwards foldable squeegee carriage for simplified frame change.
- Slide in frame load system with 3-point registration and pneumatical frame & rear frame bar locking.
- Horizontal flooding.
- Adjustable peel-off.
- Footpedal with start function.
- Pneumatically controlled and adjustable vacuum/neutral/blow-back air intensity.

Standard equipment T70i only:

- Gripper system for 3/4-automatic action.
- Adjustable 0-5 & 5-10 mm gripper opening.
- Variable gripper release.
- Table controlled rear delivery belt system.
- Footpedal with reversible function (start/stop).

Options T50i & T70i:

- Drip-free squeegee.

- Snow-plow function of squeegee.
- Stainless steel table top.
- Motorized side delivery (T70i only).
- Motorized rear delivery (T70i only).
- Programmable off-contact setting 4-70 mm, enabling printing on substrates up to approx. 65 mm (with manual delivery).
- Programmable off-contact setting 4-300 mm, enabling printing on substrates up to approx. 295 mm (with manual delivery).
- Rear frame adjustment (skewing).
- Teknek antistatic cleaner.
- Micrometer adjustable print table and pneumatically operated register pins for circuitboard printing.
- Pneumatically operated roller balls in the print table for glass and heavy/rigid substrate printing.
- Pneumatically and individually operated laystops.
- Grippers with hard metal points.
- Fibreoptics in the table.

SVECIA

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The new era of 1/2 and 3/4 automatic printing machines with sliding table

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Model
550x750 / 1650x2150

As the clear successor to the machine that has been setting the standard in screenprinting since the 1960's, the new generation Sveciamatic T-type combines solid quality steel construction, with modern drive, and control technologies operated via an easy-to-use LCD touch-control panel.

The new (pat. pend.) squeegee carriage with level-searching squeegee pressure compensation improves print quality, as well as, reducing set-up time and work for the operator. With a new programmable vacuum/blow-back control system simplifying substrate feeding, the Sveciamatic T-type provides screen printers with all they need to achieve high performance and perfect results.



T50 & T70 are the standard versions of the new Sveciamatic generation - T-type.

Standard equipment T50 & T70:

- Integrated PLC control system.
- LCD touch control panel with programmable setting, monitoring & diagnostics of printing parameters:
 - adjustable squeegee & floodcoater stroke lengths.
 - off-contact adjustment.
 - adjustable print table, squeegee & floodcoater speeds.
 - selector for up to 9 prints wet-in-wet.
 - choice of delayed flooding.
 - adjustable peel-off delay.
 - adjustable pre-vacuum timer function.
 - counter settings.
 - print table delay timer.
- Solid welded base frame with heavy duty

steel lifting columns.

- Pneumatically operated vertical floodcoater, movement with micrometers for manual height adjustment.
- 90° upwards foldable squeegee carriage for simplified change-over.
- Slide in frame load system with 3-point registration and pneumatical frame & rear frame bar locking.
- Horizontal flooding.
- Adjustable peel-off.
- Footpedal with start function
- Pneumatically controlled and adjustable vacuum/neutral/blow-back air intensity.

Standard equipment T70 only:

- Gripper system for 3/4-automatic action.

- Adjustable 0-5 & 5-10 mm gripper opening.
- Variable gripper release.
- Table controlled rear delivery belt system.
- Footpedal with reversible function (start/stop).

Options T50 & T70:

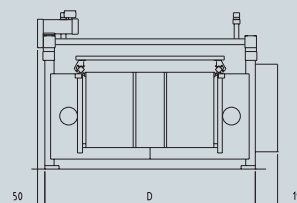
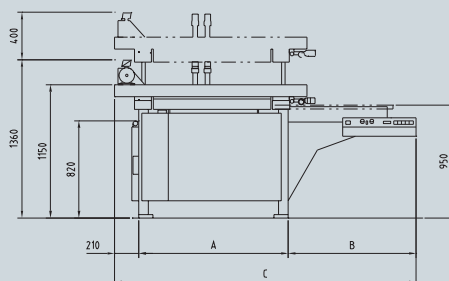
- Motorized side delivery (T70 only).
- Motorized rear delivery (T70 only).
- Programmable off-contact setting 4-70 mm, enabling printing on substrates up to approx. 65 mm (with manual delivery).
- Programmable off-contact setting 4-300 mm, enabling printing on substrates up to approx. 295 mm (with manual delivery).
- Rear frame adjustment (skewing).
- Teknek antistatic cleaner.

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Technical Data

**Sveciamatic T-type, T50/T70
Model 550x750/1650x2150**

Model code/Size (mm)	A	B	C	D
550x750 & 650x900	1160	980	2350	1600
765x1070 & 880x1250	1360	1180	2750	1950
1050x1450	1750	1280	3300	2400
1450x1850	2150	1680	4050	2800
1650x2150	2350	1880	4800	3100

Model code		550x750 650x900	765x1070 880x1250	1050x1450	1450x1850	1650x2150
Max. printing & material size	mm	550x750 650x900	765x1070 880x1250	1050x1450	1450x1850	1650x2150
Max. material thickness, T70 in 3/4-automatic mode	mm	10	10	10	10	10
Max. material thickness, T50 and T70 in 1/2-automatic mode	mm	20	20	20	20	20
Max. material weight	g/m ²	3000	3000	3000	3000	3000
Max. frame size	mm	1100x1190	1350x1590	1550x1950	1950x2350	2150x2650
Max. frame profile	mm	50	50	50	50	50
Fine register adjustment	mm	±16	±16	±16	±16	±16
Gripper margin (T-70 only)	mm	4	4	4	4	4
Squeegee & flood coater speeds	m/sec	0.1-1.5	0.1-1.5	0.1-1.5	0.1-1.5	0.1-1.5
Squeegee angle adjustment	°	60-90	60-90	60-90	60-90	60-90
Flood coater vertical adjustment	mm	25	25	25	25	25
Off contact variable	mm	4-25	4-25	4-25	4-25	4-25
Max. mechanical cycle speed *	CPH	1000	1000	750	600	500
Infeed height	mm	1000	1000	1000	1000	1000
Outlet height (T-70 only)	mm	820	820	820	820	820
Machine net weight	kg	600	800	800	900	1000
Current rating at 400V, 50Hz **	kW, A	2, 10	2, 10	2, 10	5, 15	5, 15
Air connection	bar	6	6	6	6	6

* CPH Cycles per hour without feeding time at max stroke length for max printing size. Actual printing speeds vary depending on, the type of material, type of print job, and way of feeding.

** Different frequency and voltage available.

Please note:

Svecia's policy is one of continuous improvement and accordingly the manufacturer reserves the right to change specifications without prior notice.

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