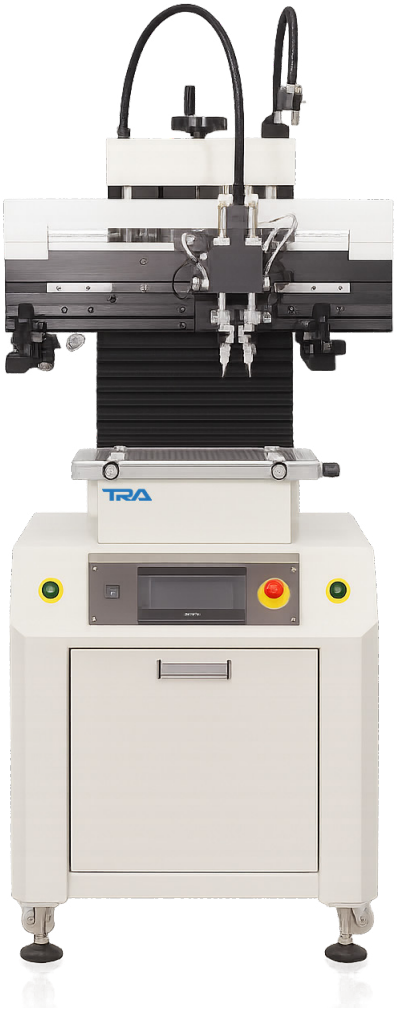
TRA SX-320S

SEMI-AUTOMATIC STENCIL PRINTER

Solder paste & red glue printing for PCB assembly



320 x 500 mm
Worktable size

250 x 420 mm
Maximum printing area

±0.02 mm
Specified repeat precision

Controlled printing. Flexible board positioning.

A rigid machine frame, adjustable printing platform and PLC control support repeatable stencil printing. The colour touchscreen provides convenient operation, while the dual-squeegee assembly supports the printing process.

Technical Specifications

TRA 3250SP | Semi-automatic solder paste printing machine

Printing & Positioning	
Model	TRA SX-320S
Worktable size	320 x 500 mm
Max. printing size	250 x 420 mm
Max. frame size	550 x 900 mm
Repeat precision	±0.02 mm
Work altitude*	130 mm
Control system	PLC automation control

Utilities & Dimensions	
Power supply	AC 220 V ±10%, 50 Hz
Compressed air	6-8 Kgf/cm²
Machine dimensions	850 x 765 x 1650 mm
Machine weight	200 kg

Operator interface

Full-colour touchscreen, two start buttons and a dual-squeegee printing assembly.

Built for practical adjustment

Rigid main frame

A stable structure supports repeatable board positioning.

Flexible board location

The honeycomb cast-aluminium table supports single-sided and irregularly shaped boards.

Precise adjustment

Adjustable positioning helps prepare the PCB and stencil for printing.

Height adjustment

Mechanical adjustment supports the required printing setup.

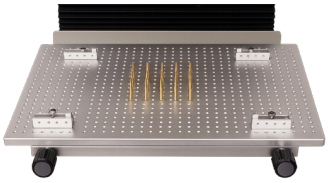
* Work altitude is the term used in the supplied catalogue; it is not specified as maximum PCB thickness. Dimension order follows the source.

Designed Around the Printing Process



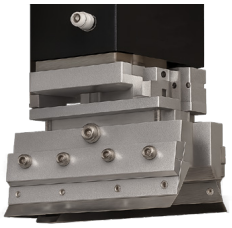
01 Dual-button start

Left and right start controls provide a deliberate cycle-start arrangement.



02 Printing table

The perforated worktable supports flexible fixture and PCB positioning.



03 Dual squeegees

A two-blade printing assembly forms the working head of the machine.



04 Touchscreen

The full-colour screen provides a central interface for machine operation.

A Practical SMT Printing Workstation



Stable positioning

The rigid frame and cast-aluminium table provide a platform for locating circuit boards and preparing the printing setup.

Solder paste & red glue

Designed for printing solder paste and red glue on circuit boards as part of the SMT assembly process.

PLC-based operation

PLC control, Omron sensors and the full-colour touchscreen support stable, accessible operation.

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