

MINIMATIC

PRINTEX[®]
screen printing equipment

technology on your side



- 4 - 9 colors
 - Maximum image area:
58 x 41 cm (22" x 16")*
41 x 41 cm (16" x 16")
- * MINIMATIC 6/4, MINIMATIC 6/5

The Minimatic rotary screen printing machine is cost effective machine that maximizes simplicity of design. It was created as a solution for small printing shops to step away from the old manual machines and transition into an automatic. As labor is always a crucial cost factor, return on investment (ROI) with the Minimatic is possible within just few months.

The Minimatic is appreciated by its owners for design simplicity, quality, and high precision registration. As we felt it necessary to provide a tool that could easily help printers transition into commercial production, the sizeable print area of 41 x 41 cm (16 x 16") is more than you might expect from an entry level press. An advantage to its compact design, besides its high printing speed, is installation and location flexibility - narrow staircase for floor installation is not a problem with the Minimatic.

The Minimatic is offered with a maximum spread of 8 stations. We recommend common Loading / Unloading style machine for any shop where a single operator will be managing the printing process. In these scenarios an extra print head is always highly appreciated.

In the standard version we have implemented the pneumatic indexer rotation system, pneumatic heads, and pneumatic lifting system. This highly reliable design is engineered to maximize efficiency of the pneumatic indexing system's inertial forces.

Quick-Change pallet system with fast sliding pallets and pallet locator makes pallet placement easy. Standard pallets measure 41 x 56 cm (16 x 22").

The Minimatic is a fast, reliable, and durable machine. The swiveling main panel emulates individual head control with access to 3 main motions of any head: TEST PRINT, SQUEEGEE UP / DOWN, CARRIAGE FRONT / REAR.

The Minimatic has advanced software that includes SEQUENCING features; combine this with CLH flashes to produce the highest printing and curing efficiency.

Warranty and service support provided by the manufacturing plant located in Poland for fast parts and easy access to technical services.

PRINTEX UE s.c., www.printexue.pl printex@printexue.pl +48668136652

STANDARD FEATURES

Rotation

- Pneumatic driven indexing system

Lifting

- Single lifting cylinder with central off-contact mechanism

Print head

- Pneumatic driven print stroke with flow control for speed adjustment
- Swiveling main panel emulates individual head control with access to 3 main motions of any head:
TEST PRINT, SQUEEGEE UP / DOWN, CARRIAGE FRONT / REAR

Advanced programming functions

- Software is constantly upgraded according to printers suggestions (We gladly listen to your comments, as they help us create a better screen printing tool and help us grow as a manufacturer!)

Screen Locks

- 4-point manual clamps for increased screen pressure

Registration

- Division tolerance is extremely accurate because we understand that proper registration is directly responsible for print quality
- Upper division has an acceptable range of $\pm 0,01$ mm
- Printing point on pallets has maximum deviation of $\pm 0,025$ mm.
- The numbers above ensure maximum accuracy for textile screen printing and also enables accuracy for other specialty materials and surface printing
- Side micro-alignment with 3 axis
- Fast print alignment with floor light pallet

Squeegee and flood bar

- Independent settings for squeegee and flood bar print adjustment
- Fast and simple squeegee and flood bar angle adjustment

Warranty and service

- 2 year warranty
- Service agreement with special conditions

Options

- Special upper wheel design to fit 80 cm (30" doors)
- Print stroke adjustment package with inner and outer print stroke adjustment with fault proof carriage system – eliminates possibility of head crash
- Pneumatic screen locks

SPECIFICATION	MINIMATIC 6/4	MINIMATIC 6/5	MINIMATIC 8/6	MINIMATIC 8/7	MINIMATIC 10/8
Stations / colors	6 / 4	6 / 5	8 / 6	8 / 7	10 / 8
Air pressure requirement	6.9 bar 450 l/min	6.9 bar 500 l/min	6.9 bar 550 l/min	6.9 bar 600 l/min	6.9 bar 650 l/min
Electrical requirements	230V, 50 Hz, 1PH, 0.1 kW, 1 A	230V, 50 Hz, 1PH, 0.1 kW, 1 A	230V, 50 Hz, 1PH, 0.1 kW, 1 A	230V, 50 Hz, 1PH, 0.1 kW, 1 A	230V, 50 Hz, 1PH, 0.1 kW, 1 A
Machine's diameter	300 cm	300 cm	300 cm	300 cm	360 cm
Max image area	58 x 41 cm (16 x 22")	58 x 41 cm (16 x 22")	41 x 41 cm (16 x 16")	41 x 41 cm (16 x 16")	41 x 41 cm (16 x 16")
Max screen size	73 x 71 cm (28 x 28")	73 x 71 cm (28 x 28")	56 x 71 cm (22 x 28")	56 x 71 cm (22 x 28")	56 x 71 cm (22 x 28")
Shipping weight	1100 kg	1160 kg	1320 kg	1480kg	1600 kg
Standard pallet size	41 x 56 cm (16 x 22")				