



MANUAL LAMINATOR ML 3024

For Imaging Materials Applications

Regional Product Availability

N.America	Japan/Korea	Asia	Europe
✓	✓	✓	✓

DESCRIPTION

The Manual Laminator model ML 3024 is designed to provide reliable lamination of dry film photoresist to inner layers, multi-layers, single-sided and double-sided printed circuit boards, and chemical milling parts. Productivity depends on operating variables, such as panel dimensions, film type, feeding method, etc.

ADVANTAGES

- Suitable for innerlayer or rigid panels—full range from 0.05–12.7 mm (0.002–0.5 in.) thickness
- Panel sizes up to 635 mm (25 in.) wide
- Both rolls driven
- Anti-static system
- Operator interface in various language by touch screen display
- Fine alignment device
- Completely controlled by PLC
- AC motor controlled by inverter
- Provided with 3 or 6 in. plastic adapter
- Clean, oil-less compressed air system
- Powerful vapor exhaust system
- Lateral cutting with motor
- Input fold idle conveyor



MANUAL LAMINATOR ML 3024

General Specifications

Overall Dimensions

Width	1,090 mm (42.9 in.)
Length	822 mm (32.4 in.)
Height (min.–max.)	1,760–1,845 mm (69.3–72.7 in.)

Electrical Requirements

Power Type	Single phase; 50/60 Hz + Ground
Power Consumption	2.4 KVA
Nominal Voltage	230V

Compressed Air

Consumption	2 NI/cycle (0.07 cfm)
Working Pressure	3–6 kg/cm ² (42.7–85.3 psi)

Exhaust

235 m³/hour

Weight

Gross	350 kg (727 lbs.)
Net	210 kg (463 lbs.)

Operation Features

Panel Size

Width (max.)	635 mm (25 in.)
Thickness (min.–max.)	0.05–5 mm (0.002–0.197 in.)

Dry Film Photoresist Size

Width	635 mm (25 in.)
Rolls Diameter	300m (1,000 ft.)

Conveyor (Adjustment)

Conveyor Height (min.–max.)	1,025–1,110 mm (40.4–43.7 in.)
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Conveyor Speed

Adjustable up to 3 m/min. (10 ft./min.)

Standard conveyor idler roller

Lamination Roll

Temperature (max.)	130°C (266°F)
Material	Silicone rubber 65 SH

Options

Thicker panel device up to 12,7 mm (0.500 in.)

Fine alignment device for dry film rolls

Anti-Static system

Lateral cutting device with motor

Metal chuck (3 in. core) for dry film rolls

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