

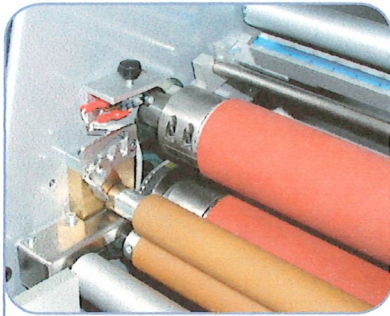


Description

The SA 3024 OC is a semi-automatic laminator designed and built for dry film photoresist, hot pressure lamination of PCBs and chemical milling parts.

This unit is capable to handle very thin panels up to 6,4 mm. The machine can be used also for cold application of DFSM on PCBs, before the final process in the Dynachem Vacuum Laminators.

In addition, two knobs with a graduated scale installed on the upper side of the unit can adjust the "off contact" of the lamination rolls.



Lamination rolls



Advantages

- Suitable for innerlayer or rigid panels-full range from 0,025÷6,4 mm (0.001÷0.250 in.) thickness
- Operator interface in various languages by touch screen display
- Anti-static system
- Lateral cutting device with motor
- The "soft contact" automatic centering device and the motor driven input rolls align the panels with the dry film
- An electromagnetic clutch minimize the film waste between the PCBs during cold application
- The unit is provided with motor driven input/output rollers and is suitable for in-line operation
- Powerful vapour exhaust system
- Fine alignment device
- Accept 300 meter (1,000 ft.) rolls of dry film
- Provided with 3 or 6 in. adapters
- Panel sizes up to 610 mm (24 in.) wide
- Completely controlled by PLC

General Specifications

Overall Dimensions	
Width	1090 mm (42.9 in.)
Length	1220 mm (48.0 in.)
Height (min.+max.)	1623÷1703 mm (63.9÷67.0 in.)

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

Electrical Requirements	
Power Type	Single phase; 50/60 Hz + Ground
Power Consumption	2.6 KVA
Nominal Voltage	230V

Exhaust	
	250 m ³ /hour

Weight	
Gross	350 kg (727 lbs.)
Net	240 kg (529 lbs.)

Operation Features

Panel size	
Width (max.)	610 mm (24 in.)
Thickness (min.+max.)	0.025÷6,4 mm (0.001÷0.25 in.)

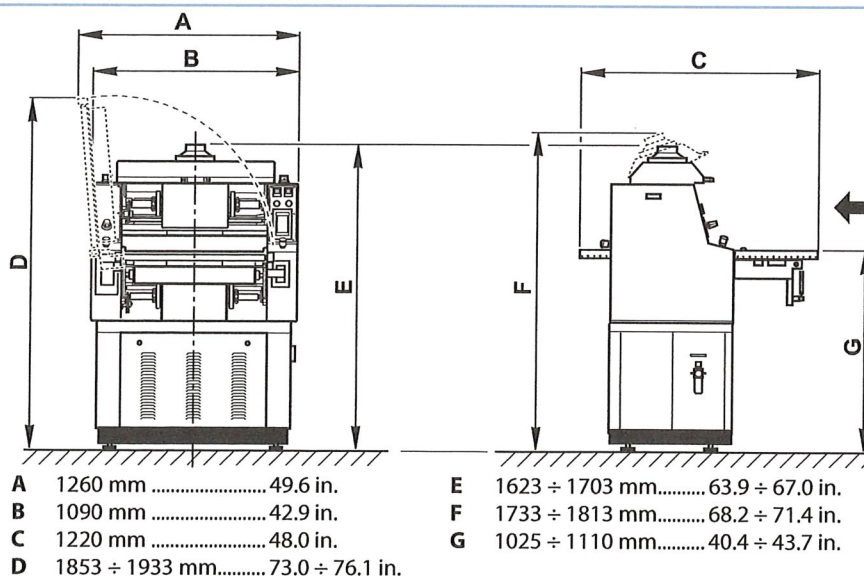
Lamination Roll	
Temperature (max.)	130°C (266°F)
Material	Silicone rubber 60 SH

Dry Film Photoresist Size	
Width	610 mm (24 in.)

Options	
	Fine alignment device for dry film rolls
	Anti-Static system
	Lateral cutting device with motor
	Metal chuck (3 in. core) for dry film rolls
	Knobs with a graduate scale for Off Contact

Conveyor (Adjustment)	
Conveyor Height (min.+max.)	1025÷1110 mm (40.4÷43.7 in.)

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



www.dynachem.eu

DISTRIBUTOR

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DYNACHEM



EC DECLARATION OF CONFORMITY & QUALITY

In accordance with Machinery Directive 2006/42/CE

Automatic Lamination Technologies Srl , hereby declares under own responsibility that the product identified below:

- Machine name SEMIAUTOMATIC LAMINATOR
- MODEL : SA 3024-OC
- SERIAL NUMBER NR: 12500003
- YEAR: 2012

Is in compliance with the following CE Directives:

- **2006/42/CE** (MACHINERY DIRECTIVE).
- **2004/108/CE** (ELECTROMAGNETIC COMPATIBILITY DIRECTIVE).
- **2006/95/CE** (LOW VOLTAGE DIRECTIVE)

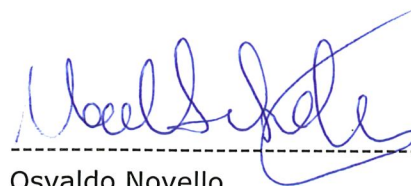
and that the following harmonized standards have been applied:

- EN 12100-1-2** (Safety of machinery)
- EN 60204** (Electrical equipment of machinery)

According of Machinery Directive:

- "CE" MARK IS APPLIED ON THE MACHINE.
- THE TECHNICAL FILE IS AVAILABLE at Automatic Lamination Technologies 's .

Date : July 27th 2012



Osvaldo Novello