

LAVA[®] NW-M

Platemaking Equipment



High Productivity, Low Maintenance Thermal Plate Processing

The MacDermid LAVA[®] Plate Processing System is a thermal platemaking system designed to improve productivity and workflow when processing photopolymer plates. Thermal plate processing eliminates solvents and VOCs from the platemaking process for a more environmentally friendly process.

The LAVA Plate Processing System is engineered and manufactured in the USA. The system incorporates an internal filter system, vapor management system, durable sub-frame, an automated lift lid, ultra-modern motors, and LED illumination. This system is specifically designed to process MacDermid's high quality photopolymer plates, resulting in press-ready plates in less than an hour.





The LAVA NW-M is designed for narrow web to mid-web applications and is suitable for processing MacDermid printing plates from 25 in x 30 in (635 mm x 762 mm) up to 36 in x 48 in (914 mm x 1,219 mm).

For increased productivity, low maintenance, and high quality thermal plate processing, count on the company that innovates with you in mind – MacDermid.

KEY FEATURES & BENEFITS

- Press-ready plates in less than an hour including imaging and exposing steps
- No drying time, solvent free (no VOC's) platemaking process
- Small footprint and ergonomically designed
- Easy operation with integral touch screen control and intuitive software
- Removable panels for easy maintenance and blotter roll replacement
- Process plate sizes from 25 in x 30 in (635 mm x 762 mm) up to 36 in x 48 in (914 mm x 1,219 mm)

SEGMENTS

- Flexible Packaging 
- Tags and Labels 
- Folding Carton 
- Sacks, Paper, Multiwall 



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SYSTEM SPECIFICATIONS

LAVA NW-M

	LAVA UNIT	CONDENSER
LENGTH	61 in (1,549 mm)	26 in (660 mm)
WIDTH	62 in (1,575 mm)	20 in (508 mm)
HEIGHT	51 in (1,295 mm)	34 in (834 mm)
POWER	208V, 3P, 30A	220V, 1P, 13A
AIR	2 CFM @ 75 PSI (3.4 m ³ /hr)	n/a
VENTILATION	150 CFM (255 m ³ /hr)	n/a

COMPATIBLE MGS PRODUCTS

The following plates are designed for processing using the LAVA Thermal Processing System:

ITP[™] 60

ITP[™] M

ITP[™] EPIC[®]

UVR

Digital MVP (DMVP)

Digital MAX (DMAX)

Digital MAX-C (DMAX-C)

Digital MCH (DMCH)

Please visit our website (www.macdermid.com/graphics) for additional information on each plate listed above.

TECHNICAL SPECIFICATIONS

VENTILATION

A flexible 4 inch (102 mm) diameter, 11 ft (3.4 m) long exhaust line is provided to connect with your factory exhaust system. External exhaust blower matching exhaust of machine supplied by others.

PLATE SIZE

The LAVA NW-M can process plates from 25 in x 30 in (635 mm x 762 mm) up to 36 in x 48 in (914 mm x 1,219 mm).

BLOTTER

Blotting material is used to wick away the melted, unexposed polymer. The blotter material for the LAVA NW-M is available in two widths: 27 inches (686 mm) and 37 inches (940 mm). Both widths are supplied rolls of 360 yards (329 m) long.

BLOTTER	WIDTH	LENGTH	WEIGHT (Approx.)
LPF 2530	27 in (686 mm)	360 yards (329 m)	34 lbs (15 kg)
LPF 4835	37 in (940 mm)	360 yards (329 m)	48 lbs (22 kg)



MacDermid
GRAPHICS SOLUTIONS

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