

LAVA[®] NW

Platemaking Equipment



The Right Choice for Quick and Easy Thermal Plate Processing

The MacDermid LAVA NW Plate Processing System represents the latest advancement in thermal platemaking technology from MacDermid. Thermal platemaking improves productivity and workflow, generating press-ready plates in less than an hour. Additionally, LAVA Thermal Plate Processing eliminates solvents and VOCs from the platemaking process, resulting in a more environmentally friendly process. The LAVA NW is specifically designed for narrow web applications with a sleek and efficient design and small overall footprint.

The advanced design of the LAVA system incorporates an internal filter system, vapor management system, durable sub-frame, an automated lift lid, ultra-modern motors, and LED illumination.

For quick and easy thermal plate processing, count on the company that innovates with you in mind - MacDermid.

KEY FEATURES & BENEFITS

- Improved productivity and workflow; press-ready plates in less than an hour
- Elimination of solvents (VOCs) from the platemaking process
- Smaller equipment footprint than solvent systems
- Vapor management system
- Upgraded touch screen and software
- Durable and rigid sub-frame for consistent processing month to month, year to year
- Available in 25x30 format

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SYSTEM SPECIFICATIONS

LAVA NW

	LAVA UNIT	CONDENSER
LENGTH	55.75 in (1,416 mm)	26 in (660 mm)
WIDTH	51 in (1,295 mm)	20 in (508 mm)
HEIGHT	49 in (1,245 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 can process plates up to 25 in x 30 in (635 mm x 762 mm).

BLOTTER

Blotting material is used to wick away the melted, unexposed polymer. The blotter material for the LAVA NW is available in rolls 27 inches (686 mm) wide 360 yards (329 m) long.

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



MacDermid
GRAPHICS SOLUTIONS

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