

LAVA

Platemaking Equipment



The Right Choice for Quick and Easy Thermal Plate Processing.

The MacDermid LAVA 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.

Available in three format sizes, the LAVA Plate Processing System is ideal for narrow web, mid-web, and now, even wide-web applications.

The advanced design of the LAVA system incorporates an internal filter system for reduced footprint, an automated lift lid, and LED illumination.

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

KEY FEATURES

- 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
- Updated design for reduced footprint and improved ergonomics
- Available in three format sizes: 25 x 30, 42 x 60 & 50 x 80

LAVA PLATE PROCESSING SYSTEM

Platemaking Equipment



SYSTEM SPECIFICATIONS

	LAVA 2530 Unit		LAVA 4260 Unit		LAVA 5080 Unit	
	LAVA UNIT	CONDENSER	LAVA UNIT	CONDENSER	LAVA UNIT	CONDENSER
LENGTH	55.75 in. (1,416 mm)	26 in. (660 mm)	61 in. (1,549 mm)	26 in. (660 mm)	78 in. (1,981 mm)	26 in. (660 mm)
WIDTH	51 in. (1,295 mm)	20 in. (508 mm)	71 in. (1,803 mm)	20 in. (508 mm)	76 in. (1,930 mm)	20 in. (508 mm)
HEIGHT	49 in. (1,245 mm)	34 in. (834 mm)	64 in. (1,626 mm)	34 in. (834 mm)	64 in. (1,626 mm)	34 in. (834 mm)
POWER	208V, 3P, 30A	220V, 1P, 13A	208V, 3P, 40A	220V, 1P, 13A	208V, 3P, 40A	220V, 1P, 13A
AIR	2 CFM@75 PSI (3.4 m ³ /hr)	n/a	2 CFM@75 PSI (3.4 m ³ /hr)	n/a	2 CFM@75 PSI (3.4 m ³ /hr)	n/a
VENTILATION	150 CFM (255 m ³ /hr)	n/a	150 CFM (255 m ³ /hr)	n/a	150 CFM (255 m ³ /hr)	n/a

TECHNICAL SPECIFICATIONS

VENTILATION

A flexible 4 inch (102mm) diameter, 11 ft (3.4m) long exhaust line is provided to connect with your factory exhaust system.

PLATE SIZE

The model number denotes the plate size. For example, the LAVA 2530 processor can process plates up to 25 inches (635 mm) wide and 30 inches (762 mm) long. The LAVA 4260 can process plates up to 42 inches (1066 mm) wide and 60 inches (1524 mm) long. The LAVA 5080 can process plates up to 50 inches (1270 mm) wide and 80 inches (2032 mm) long.

MACDERMID LPF BLOTTER MATERIAL

LPF blotter material is used to wick away the melted, unexposed polymer. LPF blotter material is available in four widths, 27" (686 mm), 37.5" (952 mm), 44" (1118 mm) and 54." Rolls are commonly supplied in 360 yard (329 m) lengths, except for the 37.5" blotter, which is available in 305 linear yards (279 m).



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