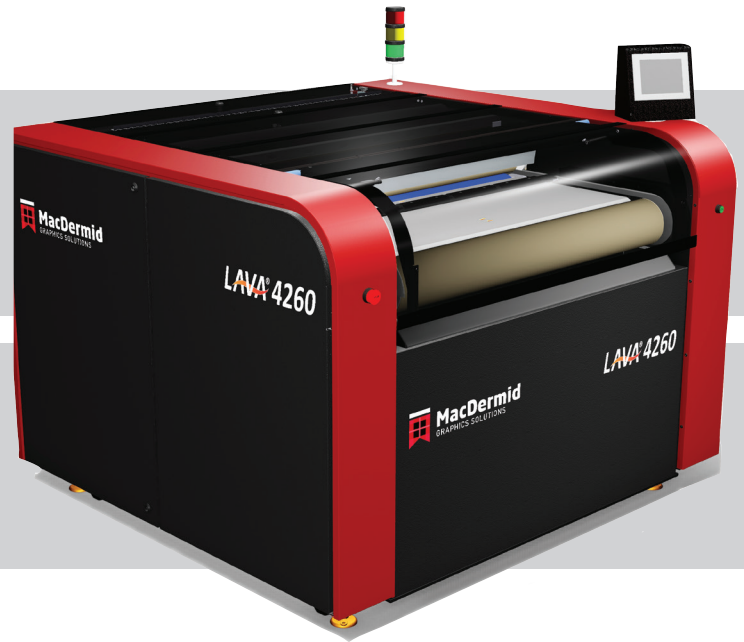


LAVA[®] 4260 & 5080

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.

The LAVA Plate Processing System is ideal for narrow web, mid-web, and 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 & 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
- Updated design for reduced footprint and improved ergonomics
- Available in format sizes: 42 x 60 and 50 x 80

SEGMENTS

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

LAVA[®]

Platemaking Equipment



SYSTEM SPECIFICATIONS

LAVA 4260

| | LAVA UNIT | CONDENSER |
|-------------|--|----------------|
| LENGTH | 61 in (1,549 mm) | 26 in (660 mm) |
| WIDTH | 71 in (1,803 mm) | 20 in (508 mm) |
| HEIGHT | 64 in (1,626 mm) | 34 in (834 mm) |
| POWER | 208V, 3P, 40A | 220V, 1P, 13A |
| AIR | 2 CFM @ 75 PSI (3.4 m ³ /hr) | n/a |
| VENTILATION | 150 CFM (255 m ³ /hr) | n/a |

LAVA 5080

| | LAVA UNIT | CONDENSER |
|-------------|--|----------------|
| LENGTH | 78 in (1,981 mm) | 26 in (660 mm) |
| WIDTH | 76 in (1,930 mm) | 20 in (508 mm) |
| HEIGHT | 64 in (1,626 mm) | 34 in (834 mm) |
| POWER | 208V, 3P, 40A | 220V, 1P, 13A |
| AIR | 2 CFM @ 75 PSI (3.4 m ³ /hr) | n/a |
| VENTILATION | 150 CFM (255 m ³ /hr) | n/a |

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 model number denotes the plate size. The LAVA 4260 can process plates up to 42 inches (1,066 mm) wide and 60 inches (1,524 mm) long. The LAVA 5080 can process plates up to 50 inches (1,270 mm) wide and 80 inches (2,032 mm) long.

BLOTTER

Blotting material is used to wick away the melted, unexposed polymer. The blotter material is available in the following sizes for each unit:

| BLOTTER | LAVA UNIT | WIDTH | LENGTH | WEIGHT (Approx.) |
|----------|-----------|---------------------|----------------------|-------------------|
| LPF 4835 | LAVA 4260 | 37 in (940 mm) | 360 yards (329 m) | 48 lbs (22 kg) |
| LPF 4260 | LAVA 4260 | 44 in (1,118 mm) | 360 yards (329 m) | 55 lbs (25 kg) |
| LPF 5080 | LAVA 5080 | 54 in (1,372 mm) | 360 yards (329 m) | 68 lbs (31 kg) |



MacDermid
GRAPHICS SOLUTIONS

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