

Liquiflex

Liquid Photopolymer Platemaker

The Benefits of Liquid with the Simplicity of Sheet

The **MacDermid Liquiflex** platemaker represents the latest advancement in liquid photopolymer platemaking technology from MacDermid. It combines the benefits of liquid, such as low plate cost and flexibility of operation, with the simplicity of sheet platemaking.

Available in three format sizes, Liquiflex is simple and allows the operator to easily change from one plate thickness to another.

For the ultimate performance and easy liquid plate production, count on the company that innovates with you in mind, MacDermid.



Key Features

- Rapid set up in seconds with no manual effort
- Fully automatic plate gauge setting; choose any thickness
- Highly productive
- Exceptionally clean
- Simple In-Position Plate Masking

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Technical Specifications

Liquiflex 3050

Max image size: 30 x 50 in. (760 mm x 1270 mm)

Plate thickness: All normal gauges

Dimensions: 129 x 67 x 86 in. (3280 x 1700 x 2195 mm)

Electrical supply: 230 V, 3 phase, 33 A (FLA), 60 Hz;
400 V, 3 phase and neutral, 10 kW (MAX), 50 Hz

Air supply: 60 psi (4 bar)

Weight: 4409 lbs. (2000 kilos)

Liquiflex 4460

Max image size: 44 x 60 in. (1118 mm x 1530 mm)

Plate thickness: All normal gauges

Dimensions: 142 x 83 x 86 in. (3610 x 2100 x 2195 mm)

Electrical supply: 230 V, 3 phase, 40 A (FLA), 60 Hz;
400 V, 3 phase and neutral, 13 kW (MAX), 50 Hz

Air supply: 60 psi (4 bar)

Weight: 8818 lbs. (4000 kilos)

Liquiflex 5280

Max image size: 52 x 80 in. (1320 mm x 2030 mm)

Plate thickness: All normal gauges

Dimensions: 167 x 96 x 91 in. (4230 x 2445 x 2300 mm)

Electrical supply: 230 V, 3 phase, 50 A (FLA), 60 Hz;
400 V, 3 phase and neutral, 15.5 kW (MAX), 50 Hz

Air supply: 60 psi (4 bar)

Weight: 13,007 lbs. (5900 kilos)

Performance

- **Simple:** Intuitive interface enables all settings and operational inputs to be entered via a large color touch screen.
- **Clean:** Newly developed liquid dispense system provides clean start and stop of photopolymer. No messy overspills
- **Automatic:** No shims are used. The plate thickness is set by a laser-controlled glass positioning system, with gauge selected by the operator through the touch screen. Once the backing sheet is loaded and the start button is selected, the platemaking cycle is totally automatic
- **Accurate:** New polymer dispense system, combined with laser-controlled gauge setting system provides exceptional plate thickness control and flatness
- **Productive:** New dispense operates at 2x the speed of current liquid dispense systems
- **Easy Access:** Easy machine access around the unit for film placement and plate removal
- **Dual dispense option:** Two polymers can be selected with just a touch of a selection key
- **Capping option:** Fully automatic capping head can be added to dispense capping polymer



For more information, please contact:

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