

# LUX<sup>®</sup> Laminator

## Platemaking Equipment

### Take the Next Step in Flexo Printing with the LUX Platemaking Process

MacDermid's LUX<sup>®</sup> platemaking process offers printers the opportunity to print like never before. LUX, an innovative process developed by MacDermid, enables flexo printers to increase print quality, improve print consistency and, at the same time, reduce operating costs and waste.

The LUX laminator is heart of the LUX process. The LUX laminator is a simple device with a small footprint that can be added to any digital platemaking workflow, using existing digital plates from MacDermid. The LUX laminator comes in two sizes: 38" for plates up to 38" in width; and 62" for plates all the way up to 52" x 80" in size.

When you want to take your flexo print to the next level, count on the company that innovates with you in mind, MacDermid.



### Key Features

- Adds only 4-6 minutes to current digital workflow
- Small Footprint, adjustable height
- Available in small and large format: 38" and 62"
- Available with an optional telescoping table to transfer the plate to the exposure frame

### Segments

Flexible Packaging



Folding Carton



Corrugated



Tags and Labels

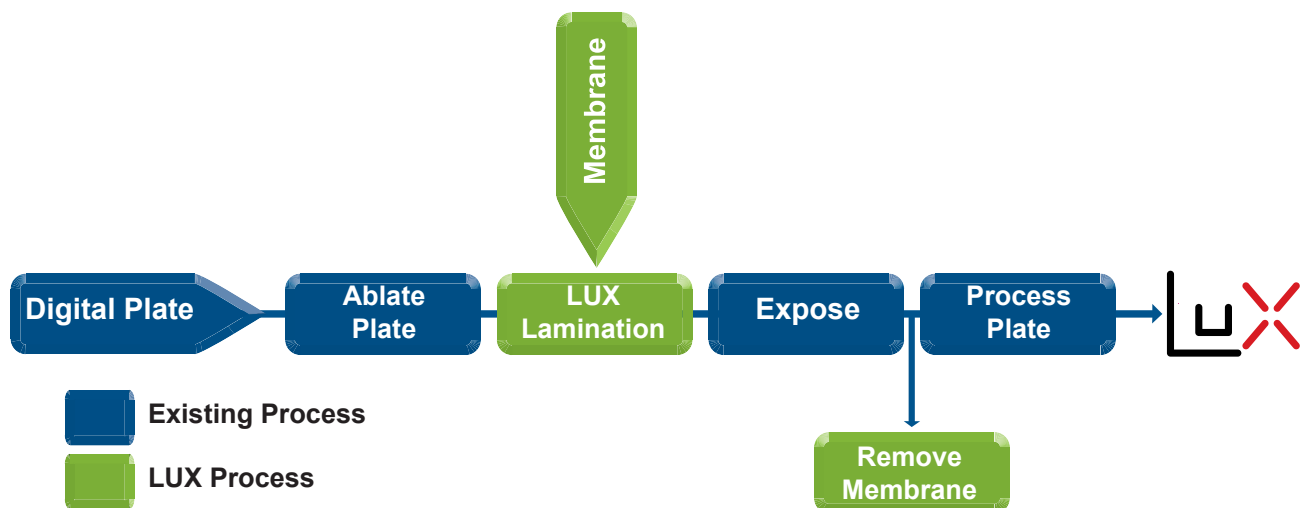


Sacks, Paper, Multiwall



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The LUX Laminator is a simple addition to your existing digital workflow. LUX Membrane 100 is laminated to the digital plate following laser ablation. This lamination process takes between 4-6 minutes, and works with all plates, including the largest available size, 52" x 80" (1321 mm x 2032 mm). Following exposure on your existing unit, the Membrane is peeled off and disposed in seconds. The plate can then be processed in your existing equipment.

### Technical Specifications

	Large Format Laminator	Small Format Laminator
Maximum Working Width	62" / 1575 mm	38" / 965 mm
Maximum Speed	19.69 ft/min / 6m/min	19.69 ft/min / 6m/min
Width	83.5" / 2120 mm	58" / 1473 mm
Working Height	36.5 - 40.5" / 927.1 - 1028.7 mm	36.5 - 40.5" / 927.1 - 1028.7 mm
Depth (including feed table)	27" / 685.8 mm	27" / 685.8 mm
Shipping Dimensions: Width	90" / 2286 mm	61" / 1549.4 mm
Shipping Dimensions: Height	67" / 1701.8 mm	59" / 1498.6 mm
Shipping Dimensions: Depth	38.5" / 978 mm	28" / 711.2 mm
Shipping Weight	1484 lbs / 673 kg	630 lbs / 286 mm
Electrical Requirements	1 PH/208-230 VAC, 50/60 Hz, 16A	1 PH/208-230 VAC, 50/60 Hz, 10A

### LUX Membrane

In the LUX Platemaking Process, membrane is laminated to the plate material and then the membrane is removed after the exposure process. LUX Membrane is available in two different types.

**Membrane 100:** The original LUX membrane, Membrane 100 is supplied in rolls which are 700 feet (213 meters) long and is available in a variety of widths from 29 inches (737mm) up to 51 inches (1295mm).

**Membrane 200:** Another option for the LUX platemaking process, Membrane 200 allows the simultaneous creation of both flat-top LUX dots and an engineered surface pattern for improved ink transfer. Membrane 200 is supplied in rolls which are 700 feet (213 meters) long and is available in a variety of widths from 31 inches (787 mm) up to 53 inches (1346 mm).



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