LUX® LAMINATOR

Platemaking Equipment

Increased Print Quality and Consistency with LUX® Lamination

MacDermid's innovative LUX® lamination platemaking process enables flexo printers to increase print quality, improve print consistency and at the same time, reduce operating costs and waste.

The LUX Laminator is the core of the LUX Lamination process. The laminator is a simple device, with a small footprint, that can be added to any digital platemaking workflow, using existing high quality, digital plates from MacDermid. The LUX Laminator comes in two sizes: 38 in for plates up to 38 in wide and 62 in for plates up to size 50 in x 80 in.

The LUX lamination process is backwards compatible, so you can still produce the legacy work via the standard digital platemaking process. To learn more about how the LUX lamination process can transform your digital print jobs, contact your MacDermid representative.

When you want increased print quality and consistency, 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 in and 62 in

· Available with an optional telescoping table to transfer the plate to the exposure frame

SEGMENTS

· Flexible Packaging

· Tags and Labels

· Folding Carton

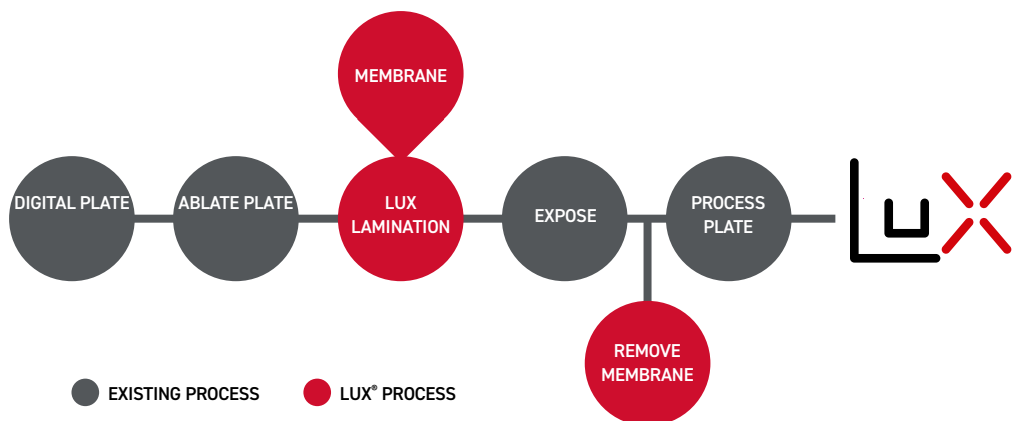· Sacks, Paper, Multiwall

· Corrugated

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THE LUX PROCESS

The LUX Laminator is a simple addition to your existing digital workflow. LUX Membrane 100 or 200 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, 50 in x 80 in (1,321 mm x 2,032 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.

MEMBRANE

DIGITAL PLATE → ABLATE PLATE → LUX LAMINATION → EXPOSE → PROCESS PLATE

REMOVE MEMBRANE

LU X ®

● EXISTING PROCESS   ● LUX® PROCESS

TECHNICAL SPECIFICATIONS

	LARGE FORMAT LAMINATOR	SMALL FORMAT LAMINATOR
Maximum Working Width	62 in / 1,575 mm	38 in / 965 mm
Maximum Speed	19.69 ft/min / 6 m/min	19.69 ft/min / 6 m/min
Width	83.5 in / 2,120 mm	58 in / 1,473 mm
Working Height	36.5 - 40.5 in / 927.1 - 1,028.7 mm	36.5 - 40.5 in / 927.1 - 1,028.7 mm
Depth (including feed table)	27 in / 685.8 mm	27 in / 685.8 mm
Shipping Dimensions		
Width	90 in / 2,286 mm	61 in / 1,549.4 mm
Height	67 in / 1,701.8 mm	59 in / 1,498.6 mm
Depth	38.5 in / 978 mm	28 in / 711.2 mm
Shipping Weight	1,484 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

MacDermid
GRAPHICS SOLUTIONS

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