

## Automatic Screen Coating Machine



Frame holders adapt in seconds for multiple screen sizes



HMI touch-screen simplifies operation



The Uni-Kote automatic screen coater from M&R brings automated efficiency and consistency to one of the most important steps in the screen printing process. Unlike manual coating the Uni-Kote will not vary in coating speed or pressure, giving you properly coated screens that lead to better image quality, ink deposit and detail in your prints.

Job Recall™ allows operators to save settings for quick and easy recall when needed. Other features include tool free screen size adjustments, and quick-load coating troughs all designed for ease of use and efficient versatility.

The precision machined steel chassis uses high quality linear bearings combined with a brushless electric drive system to provide smooth chatter-free carriage movement, while pneumatic pressure control and precision-machined coating troughs provide consistent uniform emulsion application.

## FEATURES

- Coat up to 400 high-quality screens in 8 hours\*
- Precision machining and high quality components ensure smooth uniform emulsion application
- Tool-free adjustable frame holders accommodate multiple screen sizes in seconds
- Job Recall™ allows operators to save settings for quick and easy recall

\* Production rates can vary depending on screen size, coating speeds, and number of coats per side, your rate may be different. This rate is an estimated average production speed, based on related variables, the suggested rate does not imply a guarantee of production rate.

Find more information and where to buy at: [www.mrprint.com](http://www.mrprint.com)



# UNI-KOTE™



	Uni-Kote 3143	Uni-Kote 5852
Air @ 6,9 bar (100 psi)	28 l/min (1 cfm )	28 l/min (1 cfm )
Electrical Requirements <sup>1</sup>	110 V, 1 ph, 10 A, 60 Hz, 1.15 kW 208/230 V, 1 ph, 5 A, 50/60 Hz, 1.15 kW	110 V, 1 ph, 10 A, 60 Hz, 1.15 kW 208/230 V, 1 ph, 5 A, 50/60 Hz, 1.15 kW
Maximum Screen Frame Size	79 x 109 x 4.5 cm (31" X 43" x 1.75")	147 x 132 x 4.5 cm (58" x 52" x 1.75")
Minimum Screen Frame Size	51 x 61 x 3.2 cm (20" x 24" x 1.25")	51 x 61 x 3.2 cm (20" x 24" x 1.25")
Overall Size (W x D x H)	135 x 79 x 181 cm (53" x 31" x 71.2")	208 x 79 x 198 cm (82" x 31" x 78")

<sup>1</sup>If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available. Contact The M&R Companies for details.

## M&R's Digital Screen Room

*M&R's Digital Screen Room combines the Uni-Kote with M&R's i-Image STE and Eco-Rinse to make your screen department even more efficient. You'll see dramatic improvements in screen-production, as well as substantial improvements to image quality and consistency, all with lower operating costs and less waste than you ever thought possible!*



### i-Image STE I

Image, expose, and pre-register your screens with the i-Image STE I computer-to-screen (CTS) system from M&R (patent pending). Coated screens are quickly imaged and immediately exposed, dramatically reducing screen processing time. Since each screen is positioned in the unit using the Tri-Sync™, they come out pre-registered for your press.



### Eco-Rinse

Reduce operating costs, labor costs, and environmental impact with the Eco-Rinse screen rinsing system. The balanced pressure sprays both sides of the screen at the same time extending screen life while reducing rinsing times by half. The Eco-Rinse also recycles water used during the wash cycle, lowering the per-screen water usage.

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