

## Automatic Screen Coating Machine

### FEATURES

- Front and rear screen coaters can operate in tandem or independently
- Heavy-duty frame provides excellent stability during automatic screen coating
- Maximum screen frame size of 79 x 109 x 4.5 cm (31" x 43" x 1.75") or 147 x 132 x 4.5 cm (58" x 52" x 1.75")

Uni-Kote provides a reliable, low-cost option for automating screen coating. The computerized control center, conveniently mounted at the side of the screen coating machine, makes programming simple. Uni-Kote's front and rear screen coaters can apply emulsion in tandem or independently, allowing operators to coat each side of the screen separately, both sides simultaneously, or just one side.

Uni-Kote's pneumatic screen coating pressure control, variable frequency brushless electric-drive carriage motor, high-quality linear bearing system, and precision-machined coating troughs ensure smooth travel and uniform emulsion application. Adjustable frame holders accommodate multiple screen sizes, and self-aligning clamps of solid aluminum secure screen frames independently for fast loading. Uni-Kote also features Job Recall™, which allows operators to name and save screen coating settings. Operators can later recall up to five specific jobs rather than reentering the settings.

The heavy-duty frame provides excellent rigidity for stability during screen coating. Maximum screen frame size is 79 x 109 x 4.5 cm (31" x 43" x 1.75") for Uni-Kote 3143 and 147 x 132 x 4.5 cm (58" x 52" x 1.75") for Uni-Kote 5852. Uni-Kote automatic screen coaters are built to specifications established by the European Committee for Standardization® (CE) and Underwriters Laboratories® (UL), and are backed by a one-year limited warranty. Engineered for dependable performance and low maintenance, it's the low-cost way to automate screen coating.



### SPECIFICATIONS

	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, 15 A, 50/60 Hz, 0.5 kW 208/230 V, 1 ph, 7.9/7.2 A, 50 Hz, 0.5 kW	110 V, 1 ph, 15 A, 50/60 Hz, 0.5 kW 208/230 V, 1 ph, 7.9/7.2 A, 50 Hz, 0.5 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.

**MINNESOTA**  
800-328-6592

**CALIFORNIA**  
800-824-2468

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