

SWITCHBACK™ / VITRAN™ II



UV Curing Systems

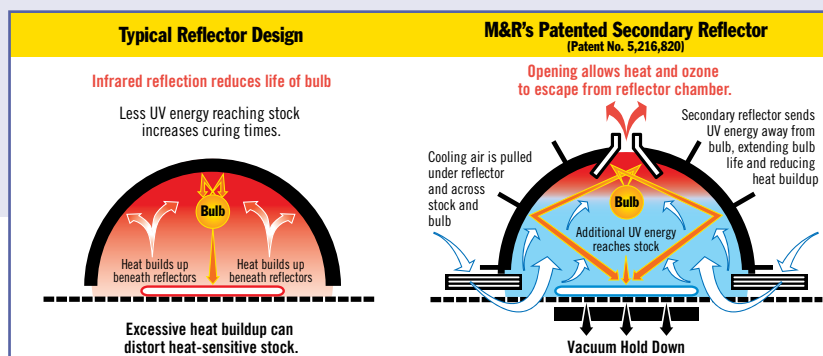


FEATURES

- The finest UV cure system available
- Belt widths from 61 cm to 213 cm (24" to 84")
- Patented dual-reflector technology

Switchback and Vitran II are the finest UV cure systems available. M&R's patented dual-reflector technology delivers faster curing, lower energy costs, and cooler operation. Each system uses a secondary reflector—positioned at the top of the primary reflector—to capture the energy that normally bounces down onto the lamp. The secondary reflector redirects this UV energy onto the substrate, speeding the curing process while saving energy and prolonging lamp life. Open-top reflector chambers allow heat and ozone to escape. Powerful turbines hold down even lightweight substrates while drawing cool air under the reflector and across the belt and lamps. Adjustable UV lamps can be focused to cure heat-sensitive substrates (like vinyl) or unfocused for heavier substrates (like glass or metal).

M&R's SystemSaver™ automatic shutdown sequence keeps the blower and belt running until the chamber has cooled. Switchback and Vitran II also feature a digital elapsed time meter to monitor lamp life, digital belt speed readout, digital amp meter, hinged housings for easy access to lamps, and a moveable control cabinet for easy maintenance. Both cure systems are driven by a reliable, heavy-duty, variable-speed DC electric motor, with large anodized aluminum rollers, crowned for positive belt tracking.



Vitran II is available in eight standard belt widths, from 61 cm (24") to 213 cm (84"). Every model offers the choice of 118 watts/cm (300 watts/in) or 157 watts/cm (400 watts/in) maximum power settings—in single and double lamp versions. Vitran II-300 can be set at 49, 79, 98, or 118 watts/cm (125, 200, 250, or 300 watts/in). Vitran II-400 can be set at 63, 79, 118, and 157 watts/cm (160, 200, 300, and 400 watts/in). Switchback is infinitely adjustable from 63 to 157 watts/cm (160 to 400 watts/in), and accepts three types of UV lamps—Ferric/Iron Oxide, Gallium, and Mercury Vapor (standard)—allowing operators to select the optimal curing source and intensity for even the most difficult ink/substrate combinations. Switchback's optional dual-lamp system enables operators to keep a different lamp in each reflector. When successive jobs require a different UV source but only one lamp, operators can simply activate the appropriate lamp. The ability to easily select the right lamp and to fine-tune wattage enables the dual-lamp Switchback to provide the optimal cure at the fastest possible speeds.

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