

Quartz Flash Cure Unit



The freestanding Red Chili quartz flash cure system uses medium-wave sealed tungsten filament quartz lamps with adjustable intensity. Instant-on flash cure technology conserves energy by reverting to standby status when the screen printing press is idle, and the curing lamps are divided into three flashing zones, which can be operated independently or in any combination. Using fewer flash cure zones on small screen print areas reduces ambient heat, lowers energy costs, and leads to faster substrate cooling. Flash cure duration can be controlled by a digital timer or by M&R's exclusive InkSense™ substrate temperature sensor. Co-developed with a major sensor manufacturer, InkSense™ automatically shuts off the flash cure unit when the substrate reaches operator-set temperature. That helps prevent over-flashing, a major cause of dye migration and synthetic garment shrinkage. An adjustable sensor switch can be positioned on either side of the flash cure unit, activating the flash when the printing pallet approaches.

FEATURES

- Numerous features can be operated directly from newer compatible M&R presses
- Three flash curing zones can be operated independently or in any combination
- InkSense™ automatically shuts off the flash cure unit when the substrate reaches operator-set temperature

SPECIFICATIONS	Red Chili D 1618	Red Chili D 2024
Curing Area	41 x 46 cm (16" x 18")	51 x 61 cm (20" x 24")
Electrical Requirements ¹	208/230 V, 1 ph, 44/49 A, 50/60 Hz, 11.1 kW 208/230 V, 3 ph, 26/28 A, 50/60 Hz, 11.1 kW 380/415 V, 3 ph, 15/16 A, 50/60 Hz, 10.4 kW	208/230 V, 1 ph, 66/73 A, 50/60 Hz, 16.6 kW 208/230 V, 3 ph, 38/42 A, 50/60 Hz, 16.6 kW 380/415 V, 3 ph, 21/23 A, 50/60 Hz, 15.3 kW 440/480 V, 3 ph, 18/20 A, 50/60 Hz, 16.3 kW
Overall Size (H x W x L)	114 x 58 x 107 cm (45" x 23" x 42")	109 x 60 x 127 cm (43" x 24" x 50")

¹If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available: Contact M&R Printing Equipment, Inc. for details.

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