

QUARTZ Flash Cure Units

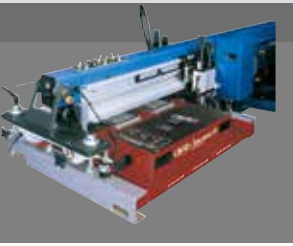
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CAYENNE™ D



Cayenne D is M&R's most sophisticated and versatile freestanding quartz flash system. Cayenne D uses sealed tungsten filament quartz lamps with adjustable intensity. Instant-on lamp technology conserves energy by reverting to standby when the press is idle, and the digitally-controlled lamps are divided into three zones that can be operated independently or in any combination. Using fewer zones on small print areas reduces ambient heat, lowers energy costs, and leads to faster substrate cooling. The unit ensures consistent curing with a reflector array, forced-air heat exchange, and digital temperature controller. Curing duration can be controlled by a digital timer or by an ink temperature sensor that automatically shuts off the flash when the substrate reaches operator-set temperature. Units can be electronically linked together on the same press for multiple-flash curing. The stand is easy to move, and lamp height can be adjusted up to 102 cm (40"), allowing setup and operation to be handled by one person. Cayenne is simply the best quartz flash cure available.



TACANA™ D



M&R's Tacana D is the ultimate integrated flash cure system. Tacana D uses sealed tungsten filament quartz lamps with adjustable intensity. Instant-on lamp technology conserves energy by reverting to standby when the press is idle, and the digitally-controlled lamps are divided into three zones that can be operated independently or in any combination. Using fewer zones on small print areas reduces ambient heat, lowers energy costs, and leads to faster substrate cooling. The unit ensures consistent curing with a reflector array, forced-air heat exchange, and digital temperature controller. Digitally-managed power levels enable precise control of the curing process. Tacana D takes up less space than standard flash units because it mounts in the screen holder and doesn't protrude beyond the normal diameter of the press. An optional floor stand turns Tacana into a versatile, multi-use flash.



RED CHILI™



The freestanding Red Chili uses sealed tungsten filament quartz lamps, and works with both automatic and manual presses. Instant-on lamp technology conserves energy by reverting to standby when the press is idle, and its lamps are divided into three zones, which can be operated independently or in any combination. Its adjustable optical sensor switch can be positioned on either side of the flash, allowing the Red Chili to match the rotation direction of the press. The sensor doesn't require a signal from the press, making it easy to move the unit between printheads or presses without time-consuming setup. The sensor also makes the Red Chili ideal for manual press flashing. A communication socket enables PLC or optional foot pedal cycle control. The curing module is mounted on a height-adjustable floor stand. M&R's Red Chili seamlessly bridges the gap between automatic-only and manual-only quartz flash cure systems.

SPECIFICATIONS

	Cayenne D 1818	Cayenne D 1822	Cayenne D 2224	Cayenne D 2230	Cayenne D 2236	Cayenne D 2430	Cayenne D 2436	Cayenne D 3042	Cayenne D 3244	Cayenne D 4032	Cayenne D 4036	Cayenne D 4036T	Cayenne D 4838T
Curing Area ²	46 x 46 cm (18" x 18")	46 x 56 cm (18" x 22")	56 x 61 cm (22" x 24")	56 x 76 cm (22" x 30")	56 x 91 cm (22" x 36")	61 x 76 cm (24" x 30")	61 x 91 cm (24" x 36")	76 x 107 cm (30" x 42")	81 x 112 cm (32" x 44")	102 x 81 cm (40" x 32")	102 x 91 cm (40" x 36")	102 x 91 cm (40" x 36") ²	122 X 96 cm (48" x 38") ²
Electrical Requirements ¹	208/230 V, 3 ph, 27/31 A, 50/60 Hz, 12.2 kW 380/415 V, 3 ph, 19 A, 50/60 Hz, 12.2 kW	208/230 V, 3 ph, 31/34 A, 50/60 Hz, 13.7 kW 380/415 V, 3 ph, 21 A, 50/60 Hz, 13.7 kW	208/230 V, 3 ph, 34/37 A, 50/60 Hz, 15.3 kW 380/415 V, 3 ph, 22 A, 50/60 Hz, 15.3 kW	208/230 V, 3 ph, 39/43 A, 50/60 Hz, 18.3 kW 380/415 V, 3 ph, 27 A, 50/60 Hz, 18.3 kW	208/230 V, 3 ph, 50/56 A, 50/60 Hz, 22.8 kW 380/415 V, 3 ph, 35 A, 50/60 Hz, 22.8 kW	208/230 V, 3 ph, 42/43 A, 50/60 Hz, 18.3 kW 380/415 V, 3 ph, 27 A, 50/60 Hz, 18.3 kW	208/230 V, 3 ph, 50/53 A, 50/60 Hz, 20.4 kW 380/415 V, 3 ph, 30 A, 50/60 Hz, 20.4 kW	208/230 V, 3 ph, 76/90 A, 50/60 Hz, 36.5 kW 380/415 V, 3 ph, 55 A, 50/60 Hz, 36.5 kW	208/230 V, 3 ph, 86/94 A, 50/60 Hz, 39.9 kW 380/415 V, 3 ph, 58 A, 50/60 Hz, 39.9 kW	208/230 V, 3 ph, 86/94 A, 50/60 Hz, 39.9 kW 380/415 V, 3 ph, 60 A, 50/60 Hz, 39.9 kW	208/230 V, 3 ph, 90/100 A, 50/60 Hz, 41.5 kW 380/415 V, 3 ph, 58 A, 50/60 Hz, 41.5 kW	208/230 V, 3 ph, 62/66 A, 50/60 Hz, 26.5 kW 380/415 V, 3 ph, 38 A, 50/60 Hz, 26.5 kW	208/230 V, 3 ph, 70/77 A, 50/60 Hz, 31 kW 380/415 V, 3 ph, 44 A, 50/60 Hz, 31 kW
Overall Size (H x W x L)	137 x 61 x 124 cm (54" x 24" x 49")	137 x 61 x 140 cm (54" x 24" x 55")	137 x 71 x 145 cm (54" x 28" x 57")	137 x 71 x 160 cm (54" x 28" x 63")	137 x 71 x 175 cm (54" x 28" x 69")	137 x 79 x 160 cm (54" x 31" x 63")	137 x 79 x 175 cm (54" x 31" x 69")	137 x 94 x 191 cm (54" x 37" x 75")	137 x 99 x 198 cm (54" x 39" x 78")	137 x 122 x 173 cm (54" x 48" x 68")	137 x 114 x 183 cm (54" x 45" x 72")	137 x 114 x 183 cm (54" x 45" x 72")	137 x 127 x 185 cm (54" x 50" x 73")

	Red Chili 1418	Red Chili 2024	Red Chili 2028	Red Chili 3244	Tacana D 1820	Tacana D 2028
Curing Area ²	36 x 46 cm (14" x 18")	51 x 61 cm (20" x 24")	51 x 71 cm (20" x 28")	81 x 112 cm (32" x 44")	46 x 51 cm (18" x 20")	51 x 71 cm (20" x 28")
Electrical Requirements ¹	208/230 V, 1 ph, 40 A, 50/60 Hz, 9 kW 208/230 V, 3 ph, 23 A, 50/60 Hz, 9 kW	208/230 V, 3 ph, 34 A, 50/60 Hz, 14.4 kW 380/415 V, 3 ph, 21 A, 50/60 Hz, 14.4 kW	208/230 V, 3 ph, 45 A, 50/60 Hz, 19.3 kW 380/415 V, 3 ph, 27 A, 50/60 Hz, 19.3 kW	380/415 V, 3 ph, 67 A, 50/60 Hz, 39.6 kW	208/230 V, 3 ph, 30/33 A, 50/60 Hz, 13.7 kW 380/415 V, 3 ph, 19 A, 50/60 Hz, 13.7 kW	208/230 V, 3 ph, 38/43 A, 50/60 Hz, 18.2 kW 380/415 V, 3 ph, 27 A, 50/60 Hz, 18.2 kW
Overall Size (H x W x L)	114 x 58 x 107 cm (45" x 23" x 42")	109 x 58 x 112 cm (43" x 23" x 44")	109 x 58 x 122 cm (43" x 23" x 48")	109 x 102 x 165 cm (43" x 40" x 65")	18 x 58 x 84 cm (7" x 23" x 33")	18 x 64 x 104 cm (7" x 25" x 41")

¹ 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.

² Two Cayenne models are available with quartz lamps arrayed in a T-shape (contact M&R for details)

All M&R flash cure systems are backed by a limited two-year warranty.