INFRARED Flash Cure Units

FAST
FASTEST

HABANERO™   HABANERO™ AF

Habanero is a fully portable flash cure system for automatic presses. It features a powerful infrared panel, digital temperature controls, operation indicator light, solid-state circuitry, and a fully insulated panel guard to minimize exterior heat. Its powerful infrared heat panel mounts on a sturdy, height-adjustable stand with floor-leveling wheels. Habanero can also be used with manual presses. Hood-mounted controls give it a sleek, clean appearance. This versatile freestanding unit is easy to more around the shop. Habanero AF (Air Flow) uses twin fans and a perforated infrared panel for faster curing, especially when flashing water-based inks. Habanero is a star performer in any print shop, and an ideal retrofit flash cure solution for existing M&R automatic printing systems.

RENO™ HW

Reno HW is M&R's most economical infrared flash cure unit for automatic presses. Its press-mounted shuttle design delivers smooth, dependable operation in a sleek, compact package. Reno HW's digital temperature controller delivers accurate results, and its optional floor stand turns it into a multi-use flash that will suit the needs of many shops. With higher wattage for faster curing, Reno HW is an ideal infrared flash for both manual and automatic presses.

SERRANO™

Serrano uses a smooth AC electric drive and roller-bearing assemblies for dependable performance and long life. The shuttle on this freestanding unit can be controlled with a foot pedal or integrated with the press for automated operation. Serrano features include adjustable stand height, control box cooling fan, power level control, and power indicator light. Serrano is a versatile and powerful performer on manual presses.

ACOMA™

Acoma's powerful infrared heat panel with solid-state dwell controller and temperature control dial provide consistent heat settings from job-to-job. Curing is made even more effective by forced air passing through the radiant panel and onto the substrate. Acoma's light weight makes it easy to wheel around the shop. Its adjustable stand and panel assembly has 120° swivel movement to provide clearance for even oversized pallets. Acoma features foot-pedal/timer control for smooth, easy operation and consistent repeatability. It's the best manual-only flash cure system available.

TABASCO™ HW

Tabasco HW is M&R's most economical, dependable flash cure unit for manual presses. It features lever-lock rotation and floor-leveling pads for easy setup. Tabasco HW is height-adjustable and completely portable. An on/off switch activates its powerful and energy-efficient infrared heating element. Tabasco HW features an analog temperature control dial and doubles the wattage of the original Tabasco for faster curing. It's simply the best way to move into manual flash curing.

SPECIFICATIONS

	Habanero 1818	Habanero 1822	Habanero 2224	Habanero 2236	Habanero 2430	Habanero 2632	Habanero AF 1822	Habanero AF 2230
Curing Area	46 x 46 cm (18" x 18")	46 x 56 cm (18" x 22")	56 x 61 cm (22" x 24")	56 x 91 cm (22" x 36")	61 x 76 cm (24" x 30")	66 x 81 cm (26" x 32")	46 x 56 cm (18" x 22")	56 x 76 cm (22" x 30")
Electrical Requirements [1]	208/230 V, 1 ph, 16/18 A, 50/60 Hz, 3.5 kW	208/230 V, 1 ph, 20/22 A, 50/60 Hz, 4.1 kW	208/230 V, 1 ph, 26/29 A, 50/60 Hz, 5.4 kW	208/230 V, 1 ph, 39/43 A, 50/60 Hz, 8.1 kW	208/230 V, 1 ph, 36/39 A, 50/60 Hz, 7.3 kW	208/230 V, 1 ph, 41/45 A, 50/60 Hz, 8.4 kW	208/230 V, 1 ph, 29/32 A, 50/60 Hz, 5.9 kW	208/230 V, 1 ph, 47/53 A, 50/60 Hz, 9.9 kW
Overall Size (H x W x L)	112 x 69 x 104 cm (44" x 27" x 41")	112 x 69 x 104 cm (44" x 27" x 41")	112 x 69 x 104 cm (44" x 27" x 41")	112 x 76 x 132 cm (44" x 30" x 52")	112 x 76 x 132 cm (44" x 30" x 52")	112 x 76 x 132 cm (44" x 30" x 52")	112 x 69 x 104 cm (44" x 27" x 41")	112 x 69 x 104 cm (44" x 27" x 41")

	Reno HW 1516	Reno HW 1818	Reno HW 1822	Serrano 1818	Serrano 1822	Acoma 1818	Acoma 2224	Tabasco HW 1620
Curing Area	38 x 41 cm (15" x 16")	46 x 46 cm (18" x 18")	46 x 56 cm (18" x 22")	46 x 46 cm (18" x 18")	46 x 56 cm (18" x 22")	46 x 46 cm (18" x 18")	56 x 61 cm (22" x 24")	41 x 51 cm (16" x 20")
Electrical Requirements [1]	208/230 V, 1 ph, 14 A, 50/60 Hz, 2.4 kW	208/230 V, 1 ph, 17/19 A, 50/60 Hz, 3.3 kW	208/230 V, 1 ph, 20/22 A, 50/60 Hz, 4 kW	208/230 V, 1 ph, 13.5/15 A, 50/60 Hz, 2.8 kW	208/230 V, 1 ph, 16.5/18 A, 50/60 Hz, 3.4 kW	208/230 V, 1 ph, 16/18 A, 50/60 Hz, 3.4 kW	208/230 V, 1 ph, 26/29 A, 50/60 Hz, 5.5 kW	208/230 V, 1 ph, 15/17 A, 50/60 Hz, 3.3 kW
Overall Size (H x W x L)	8 x 43 x 74 cm (3" x 17" x 29")	8 x 53 x 81 cm (3" x 21" x 32")	8 x 53 x 91 cm (3" x 21" x 36")	91 x 58 x 99 cm (36" x 23" x 39")	91 x 58 x 99 cm (36" x 23" x 39")	119 x 122 x 137 cm (47" x 48" x 54")	127 x 122 x 154 cm (50" x 48" x 60")	99 x 107 x 117 cm (39" x 42" x 46")

[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.

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

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QUARTZ Flash Cure Units

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™ D

The freestanding Red Chili D uses medium-wave 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 D 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 D 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 D 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, 58 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, 60 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 D 1418	Red Chili D 1618	Red Chili D 2024	Red Chili D 2028	Red Chili D 3244	Red Chili D 6038	Tacana D 1820	Tacana D 2028
Curing Area [2]	36 x 46 cm (14" x 18")	41 x 46 cm (16" x 18")	51 x 61 cm (20" x 24")	51 x 71 cm (20" x 28")	81 x 112 cm (32" x 44")	152 x 97 cm (60" x 38")	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, 1 ph, 40 A, 50/60 Hz, 9 kW 208/230 V, 3 ph, 23 A, 50/60 Hz, 9 kW —	208/230 V, 1 ph, 55 A, 50/60 Hz, 14.4 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, 1 ph, 55 A, 50/60 Hz, 19.3 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	— — 480 V, 3 ph, 65 A, 60 Hz, 48 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")	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")	109 x 163 x 166 cm (43" x 64" x 66")	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)

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