

Fabric Compression System

FEATURES

- Offers two ways to apply heat and pressure to fabrics
- Control module mounts on the printhead arm and heat modules attach to squeegee mounting bars
- Military-grade wiring and sheathing ensure long life

M&R's HotHead™ fabric compression system gives garment decorators two ways to apply heat and pressure to fabrics for fiber matting, ink smoothing, foil transfer, on-press ink discharging, and other specialty processes. HotHead's control module mounts on the front of a printhead arm on the press. It uses a multi-function LCD display to set temperature and heater type. The control module works with two heat modules: the HotHead Roller™ applies heat and pressure using a rolling cylinder, and the HotHead FlatIron™ applies heat and pressure by gliding a flat, smooth heating element across the substrate. Each heat module is sold separately.

The HotHead Roller and the HotHead FlatIron are securely affixed to the squeegee mounting bar by two manual squeegee clamps. To ensure optimal performance, two small controllers allow for adjustment of the up/down travel speed of the squeegee chopper bar. M&R chose a military-grade electrical connector, high-cycle flexible wiring, and a long-life flexible sheath to connect the control unit to the heating units.

The HotHead Roller and the HotHead FlatIron use thermal couples and pre-programmed logic to maintain constant temperatures. The temperature range runs from ambient room temperature to 204° C (400° F). Small cooling fans keep the external skin of the heat modules at a safe operating temperature.



HotHead Roller



HotHead FlatIron

SPECIFICATIONS

	HotHead Roller 14	HotHead Roller 18	HotHead FlatIron 14	HotHead FlatIron 18
Electrical Requirements ¹	208/230 V, 1 ph, 9-10 A, 60 Hz, 2 kW	208/230 V, 1 ph, 11-12 A, 60 Hz, 2.5 kW	208/230 V, 1 ph, 9-10 A, 60 Hz, 2 kW	208/230 V, 1 ph, 11-12 A, 60 Hz, 2.5 kW
Heat Element Width	36 cm (14")	46 cm (18")	36 cm (14")	46 cm (18")
Roller Diameter	5 cm (2")	5 cm (2")	N/A	N/A

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.