

FLOCKER 3000™



Automatic Flock Applicator

FEATURES

- Adds flocking capability to most M&R automatic textile presses
- 38 x 43 cm (15" x 17") or 50 x 70 cm (20" x 28") flock opening
- Accommodates frames from (W x L) 66 x 79 cm (26" x 31") to 79 x 109 cm (31" x 43")

M&R's Flocker 3000 makes it easy to add tightly-registered multi-color flocking capability to most M&R automatic textile presses. The standalone unit has a 38 x 43 cm (15" x 17") or 50 x 70 cm (20" x 28") flock opening, and accommodates frames of (W x L) 66 x 79 cm (26" x 31") or 79 x 109 cm (31" x 43"). Flocker 3000 is activated by the print carriage, and it's compatible with M&R's print-start/print-finish feature, M&R's patented Optical No-Shirt Detector, and M&R's Skip-Shirt foot pedal. Flocker 3000's dosing brush is driven by a pneumatic cylinder, with speed settings adjusted by a flow control. Unlike some competing flockers, Flocker 3000 does not require printhead removal.

Locking casters, adjustable height, and the unit's light weight make Flocker 3000 easy to move around and set up. Its low-profile flocking box allows for easy loading and cleaning, and it's compatible with the clearances available on most automatic textile presses. The Flocker 3000 System comes with everything necessary to begin flocking, including M&R's Side Frame Holder Assembly with micro-registration, a 66 x 79 cm (26" x 31") 61T stainless steel mesh screen/frame, flocker activation switch, manual foot pedal, ten screen magnets, ten 1.3 mm off-contact spacers, and a 61 x 61 cm (24" x 24") magnetic sheet.

The Flocker 3000 System also includes M&R's press-mounted Flock-Vac on-press flock remover and M&R's standalone T-SC

post-press flock remover. By eliminating 90% of the flock not embedded in the adhesive, Flock-Vac greatly reduces the fiber that can be drawn into the dryer circulation system. The caster-mounted T-SC combines a powerful vacuum system with stiff-bristle brushes to remove loose flock on garments after they exit the dryer. Flocker 3000, Flock-Vac, T-SC, and all other system components are also available separately.



SPECIFICATIONS

| | Flocker 3000 1517 | Flocker 3000 2028 |
|--------------------------------------|--|--|
| Air @ 6 bar (100 psi) | 3 l/min (1 cfm) | 3 l/min (1 cfm) |
| Electrical Requirements ¹ | 110 V, 1 ph, 3.15 A, 50/60 Hz, 0.15 kW 208/230 V, 1 ph, 3.15 A, 50/60 Hz, 0.15 kW | 110 V, 1 ph, 3.15 A, 50/60 Hz, 0.15 kW 208/230 V, 1 ph, 3.15 A, 50/60 Hz, 0.15 kW |
| Flocking Area | 38 x 43 cm (15" x 17") | 50 x 70 cm (20" x 28") |
| Flock Box Height (Min/Max) | 95-120 cm (37"-47") | 95-120 cm (37"-47") |
| Overall Size (L x W x H) | 142 x 70 x 130 cm (56" x 28" x 51") | 170 x 70 x 130 cm (67" x 28" x 51") |
| Screen Size (W x L) | 66 x 79 cm (26" x 31") | 80 x 109 cm (31" x 43") |
| Shipping Weight | 81 kg (178 lb) | 133 kg (293 lb) |

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

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FLOCK-VAC™

On-Press Flock Removal System

FEATURES

- Helps get the most out of flocking by minimizing the mess—and reducing the cleanup effort—typically associated with flocking
- Mounts to any open printhead, vacuuming up loose flocking fibers as the printhead passes over the garment
- Installation is fast & easy



Flock-Vac is designed to remove excess flock from garments on the press. Since it eliminates up to 90% of the flock not embedded in the adhesive, Flock-Vac greatly reduces the fiber that can be drawn into the dryer circulation system. Flock-Vac mounts to any open printhead, vacuuming up loose flocking fibers as the printhead passes over the garment. Flock-Vac helps get the most out of flocking by minimizing the mess—and reducing the cleanup effort—typically associated with flocking.

Installation is fast and easy. Simply mount the stainless steel vacuum bar to the squeegee holder and the hose-routing bracket to the frame holder. Then roll the Flock-Vac into place and attach its hoses to the vacuum bar. Flock-Vac

is a complete excess flock removal system. Individual components are also available. Flock-Vac carries a one-year limited warranty.

SPECIFICATIONS

| | Flock-Vac |
|--------------------------------------|---|
| Electrical Requirements ¹ | 110 V, 1 ph, 11 A, 50/60 Hz, 0.75 kW 208/230 V, 1 ph, 7 A, 50/60 Hz, 0.75 kW |
| Shipping Weight | 54 kg (120 lb) |

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.

T-SC™

Post-Press Flock Removal System

FEATURES

- Effectively removes excess flock from garments that have finished the drying process
- Uses a powerful vacuum system and stiff-bristle brushes
- Mounted on casters for easy mobility



M&R's T-SC is designed to remove excess flock from garments after they exit the dryer. During the print cycle, M&R's Floc-Vac eliminates most of the flock not embedded in the adhesive. However, additional fibers inevitably become detached when shirts are removed from the press and put through the dryer. The T-SC combines a powerful vacuum system with stiff-bristle brushes to prevent flock on one shirt from transferring to the shirt stacked above or below it—and to ensure an attractive product appearance.

The affordable T-SC flock-removal system is mounted on casters, making it easy to move around the shop—or out of the way when it's not in use. It carries a one-year

limited warranty. The efficient removal of excess flock is essential for customer-pleasing results, and M&R's T-SC excels at the task.

SPECIFICATIONS

| | T-SC |
|--------------------------------------|---|
| Electrical Requirements ¹ | 208/230 V, 3 ph, 10 A, 50/60 Hz, 2.25 kW 380/415 V, 3 ph, 4.9 A, 50/60 Hz, 2.25 kW |
| Overall Size (L x W x H) | 161 cm x 77 cm x 133 cm (63.4" x 30.2" x 52.5") |
| Shipping Weight | 227 kg (500 lb) |

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.



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