



Textile Electric Dryers



Radicure D

Built for long life and maximum performance, Radicure D is M&R's premium infrared electric textile dryer. It's available in belt widths from 91 to 152 cm (36" to 60"). Not only does it have the highest production capacity in its class, it's also the most energy efficient. The heavy-duty thermal insulation in M&R's patented suspended-fabric insulating system prevents heat from migrating into the workplace, while CoolSkin™ technology leaves the dryer skin cool to the touch. Fast cure rates and high product throughput maximize dryer capacity and minimize per-unit cost.

Curing is provided by an infrared radiant panel array and forced hot air. Panels can be quickly and easily raised and lowered with convenient single-point height adjustment. Separate dedicated blowers power circulation and exhaust. Radicure D increases efficiency with M&R's Proportional Integral Differential (PID) Control, which allows the dryer to power up gradually. PID gradually increases power in percentage-based increments to avoid maximum amperage loads during initial warmup. PID also helps maintain even temperatures during production by phasing on and off in percentages of total capacity rather than using the full-load/no-load approach. Power Percentage Settings allow users to adjust incoming power from 70% to 100%. This ability to adjust power levels to reduce amperage draw is ideal for shops with a limited power supply. The control panel operates and displays temperature, belt speed and incoming voltage settings. Process temperatures and set temperatures are controlled digitally. Temperature consistency is ensured by a fuzzy-logic controller, which responds to ambient temperature changes by keeping chamber heat within 1° of target temperature at the thermocouple.

Entry and exit openings are adjustable, and large, crowned rollers ensure positive belt tracking. Maintenance is simplified with easy-to-reach filters and lubrication points. An automatic shut-down sequence keeps the blower and belt running until the chamber has cooled.

RADICURE D ELECTRIC TEXTILE DRYER

Available by special order. Call 841-7683 for more details.



Economax D

Easy to own and economical to operate, Economax D is the ultimate affordable, space-saving textile dryer. It's available in 61 (24") cm belt widths. Not only does it have the highest production capacity in its class, it's also the most energy efficient. Heavy-duty thermal insulation prevents heat from migrating into the workplace, while CoolSkin™ technology leaves the dryer skin cool to the touch. Fast cure rates and high product throughput maximize dryer capacity and minimize per-unit cost.

Economax D cures with twin height-adjustable energy-efficient infrared panels, and can be equipped with a third radiant panel for increased production capacity. A reliable, heavy-duty DC motor powers a heat-resistant, Teflon®-coated fiberglass conveyor belt. Economax D increases efficiency with M&R's Proportional Integral Differential (PID) Control, which allows the dryer to power up gradually. PID gradually increases power in percentage-based increments to avoid maximum amperage loads during initial warmup. PID also helps maintain even temperatures during production by phasing on and off in percentages of total capacity rather than using the full-load/no-load approach. Power Percentage Settings allow users to adjust incoming power from 70% to 100%. This ability to adjust power levels to reduce amperage draw is ideal for shops with a limited power supply. The control panel operates and displays temperature, belt speed and incoming voltage settings. Process temperatures and set temperatures are controlled digitally. Temperature consistency is ensured by a fuzzy-logic controller, which responds to ambient temperature changes by keeping chamber heat within 1° of target temperature at the thermocouple.

Entry and exit openings are adjustable, and large, crowned rollers ensure positive belt tracking. An automatic shutdown sequence keeps the blower and belt running until the chamber has cooled. This rugged, affordable dryer is designed for years of dependable performance. Combined with a manual press and a registration system like M&R's Tri-Loc, Economax D makes a perfect production dryer in small shops or an ideal sampling dryer in mid-size shops.

ECONOMAX D ELECTRIC TEXTILE DRYER

Available by special order. Call 841-7683 for more details.



Textile Gas Dryers



Sprint 2000

The industry's most efficient, innovative, and affordable high-production textile gas dryer, Sprint 2000 is available in belt widths from 122 to 213 cm (48" to 84"). Not only does it have the highest production capacity in its class, it's also the most energy efficient. Heavy-duty thermal insulation prevents heat from migrating into the workplace, while CoolSkin™ technology leaves the dryer skin cool to the touch. Fast cure rates and high product throughput maximize dryer capacity and minimize per-unit cost.

Available in liquid propane (LP) or Natural Gas (NG), the high-performance burners are designed with excess capacity that far exceeds consumption rates under normal operating conditions. Separate blowers control combustion, circulation, and exhaust. A high-volume forced air system quickly brings the chamber to the desired temperature, speeding the start of production. Process temperatures and set temperatures are controlled digitally. Temperature consistency is ensured by a fuzzy-logic controller, which responds to ambient temperature changes by keeping chamber heat within 1° of target temperature at the thermocouple. A tower light shows when temperatures are within user-set parameters. When readings fall outside those settings, a temperature monitor issues visible and audible alarms. Entry and exit openings are adjustable, and large, crowned rollers ensure positive belt tracking. Digital speed readout makes it easy to duplicate settings. An automatic shutdown sequence keeps the blower and belt running until the chamber has cooled.

All equipment from The M&R Companies is built with M&R's unsurpassed attention to detail and commitment to quality, durability, innovation, and design excellence, and is backed by M&R's unparalleled 24-hour access to service, support, and premium parts. It's no wonder M&R is the first name in screen printing equipment.

SPRINT 2000 TEXTILE GAS DRYER

Available by special order. Call 841-7683 for more details.



Mini Sprint 2000

Designed for tight places and tight budgets, Mini Sprint 2000 offers exceptional performance in a compact, affordable gas dryer. It's available in 97 cm (38") belt widths. Not only does it have the highest production capacity in its class, it's also the most energy efficient. Heavy-duty thermal insulation prevents heat from migrating into the workplace, while CoolSkin™ technology leaves the dryer skin cool to the touch. Fast cure rates and high product throughput maximize dryer capacity and minimize per-unit cost.

Available in liquid propane (LP) or Natural Gas (NG), the high-performance burners are designed with excess capacity that far exceeds consumption rates under normal operating conditions. Separate blowers control combustion, circulation, and exhaust. A high-volume forced air system quickly brings the chamber to the desired temperature, speeding the start of production. Process temperatures and set temperatures are controlled digitally. Temperature consistency is ensured by a fuzzy-logic controller, which responds to ambient temperature changes by keeping chamber heat within 1° of target temperature at the thermocouple. A tower light shows when temperatures are within user-set parameters. When readings fall outside those settings, a temperature monitor issues visible and audible alarms. Entry and exit openings are adjustable, and large, crowned rollers ensure positive belt tracking. Digital speed readout makes it easy to duplicate settings. An automatic shutdown sequence keeps the blower and belt running until the chamber has cooled.

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MINI SPRINT 2000 TEXTILE GAS DRYER

Available by special order. Call 841-7683 for more details.

Additional models of M&R's textile printers and dryers are available by special order. Screen printing equipment is fabricated or assembled to your specifications to meet the space, budget and production requirements of your shop. Call 841-7683 for details.