



Mini Sprint 2000

Textile Gas Dryer

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Model shown has 4' (122 cm) infeed,
8' (244 cm) heat chamber,
and 4' (122 cm) outfeed

Mini Sprint 2000

If you've longed for the efficiency and versatility of a gas dryer, but couldn't fit one into your shop or budget, M&R has the solution. Mini Sprint 2000 is the most compact and affordable gas dryer M&R has ever made. In fact, it may be the most compact and affordable gas dryer ever. Mini Sprint was designed to fit into tight places and tight budgets, making it perfect for those who always wanted the advantages of gas drying but thought it was out of reach. It's also ideal for large and medium-size shops that need a high-quality, high-performance gas dryer that will fit into a limited space. Despite its amazingly low price, it's loaded with standard features like System-Saver, that allows blowers and belt to run in cooldown mode after burner shutdown, then shut off automatically upon reaching the cooldown target temperature.

The substantial operational cost advantage gas offers in most regions is only part of the potential savings. Mini Sprint further reduces operating costs with its energy-efficient design. Its unique industrial insulation layer keeps more heat in the chamber, allowing Mini Sprint to produce abundant heat with less energy. Since more heat stays in the chamber, less radiates into the workplace. In fact, the superior design and insulation of Mini Sprint's heat containment system make it possible for Mini Sprint to achieve high performance levels with a burner rated at 200,000 BTU.

Mini Sprint is simple to operate and easy to maintain. Filters are easy to reach and clean, and lubrication points are conveniently located. It's designed and built with M&R's attention to quality, durability, and design excellence, and it's backed by M&R's unsurpassed service and support. Affordably priced, economical to operate, and designed to handle both manual and automatic presses, Mini Sprint is the perfect dryer for any size shop.

Mini Sprint[®] 2000

Textile Gas Dryer



Standard Features

Air Handling

- Airflow is enhanced to accelerate drying/curing
- Exhaust blower: approximately 1200 SCFM
- High-volume circulation blower recirculates up to 80% of heated air
- Stainless steel filter slides out for easy cleaning
- Three separate dedicated blowers (combustion, circulation, & exhaust)

Certification

- AGA[®] & CGA[®] approved (design certified by the American and Canadian Gas Associations to meet or exceed national safety standards for design and performance)
- Gas controls meet standards set by Factory Mutual[®] and by the National Fire Protection Association[®] (NFPA)
- Panel meets Underwriters Laboratories[®] (UL) standards and carries the UL label

Control Center

- Air-cooled cabinet assures long life for electrical components
- Control panel rotates for easy access and visibility
- Fuzzy-Logic temperature controller program learns to modulate dryer process temperature more accurately as the dryer runs, ensuring the ultimate in curing consistency
- Process temperature and set temperature are displayed and controlled digitally
- Solid-state design
- System-Saver allows blowers and belt to continue to run in cooldown mode after heat source shutdown, then shut off automatically upon reaching the cooldown target temperature
- Temperature monitor issues visual and audible alarms for readings outside user-specified parameters

Conveyor Belt width

- 38" (97 cm)

Conveyor System

- Conveyor belt is made of heat-resistant, Teflon[®]-coated fiberglass
- Driven by a reliable, heavy-duty, variable-speed DC motor
- Large diameter crowned aluminum conveyor rollers promote positive belt tracking
- Solid-state belt speed controller with digital belt speed readout makes it easy to duplicate speed settings
- Standard infeed/outfeed lengths: 4' (122 cm)

Design & Construction

- Adjustable entry/exit openings
- Assembled and tested at M&R's factory to assure turnkey operation
- Bearings are designed for high speeds and high temperatures
- Constructed of rigid steel and premium components
- Designed for maximum thermal efficiency
- Low-profile design
- Modular design simplifies future expansion
- Specialized joining fasteners simplify the connection of additional heat chamber units

Heat Chamber

- Burners are available in a choice of liquid propane (LP) or natural gas (NG)
- Direct-fired burner is maximum-rated at 200,000 BTU
- Double-wall construction
- Galvanized steel interior
- Heavy-duty thermal insulation
- Interior air distribution system assures uniformity and consistency of temperature
- Modular gas train simplifies maintenance
- Pressurized vector air knives provide uniform temperatures throughout the drying chamber

Service

- 24-hour hotline

Training

- Access to M&R's Training Center

Warranty

- Two-year limited

Options & Accessories

Certification

- CE Compliant (Built to specifications established by the European Committee for Standardization[®])

Conveyor Belt Width

- Custom sizes available: Quoted upon request

Conveyor System

- Conveyor extension sections are available in 4' (122 cm) increments
- High-speed conveyor drive system for versatility when used with graphics and industrial applications

Cooling Fan

- Cools garments, making them easier to handle as they exit the heat chamber
- Mounts over outfeed

Electrical Configurations

- Available in three-phase
- Other electrical configurations are available

Heat Chamber

- Additional 2' (61 cm) sections available

Infrared Radiant Heat Section

- Independent 2' (61 cm) module preheats inks for faster throughput

SPECIFICATIONS

Mini Sprint Model	Belt Width	Heat Chamber Length	Expansion Heat Modules	Standard Infeed Length	Standard Outfeed Length	Electrical Requirements*	Exhaust Blower System**	Gas Input Size	Nominal Gas Input Pressure	Burner Input Maximum BTU***	Optional 2' (61 cm) Radiant Section	Shipping Weight****
2000-38	38" (97 cm)	8', 10', 12' (244, 305, 366 cm)	2' (61 cm)	4' (122 cm)	4' (122 cm)	208/230v, 1 phase 17/15 amps, 60 Hz	12" (30 cm) Dia. 1200 scfm @ 1/4" (6 mm) s.p.	3/4" (1.9 cm)	5" w.c. (.93 mm Hg)	200,000	208/230v, 1 phase 18/20 amps, 60 Hz	3200 lbs (1452 kg)

* If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly

** Measured at the Exhaust Discharge Port

*** Nominal usage varies, but is considerably lower than the stated maximum

**** Weight applies to models with an 8' (244 cm) heat/expansion chamber

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