Spray Application Technologies for Tire Manufacturing

As a leading class supplier of high-quality products with unmatched standards of service excellence, Nordson is dedicated to providing your complete satisfaction.

**TREAD END CEMENTING**

**PermaFlo® Series Pump:** Heavy-duty design features and construction facilitate maintenance and assure long service life. Plungers and housings feature a patented ScoreGuard™ wear-resistant coating that is warranted* to provide superior performance and toughness over other coatings used in wear applications. Quick-disconnect feature between air motor and hydraulic section, and adjustable upper packings assure easy access to end-user for long life and less downtime.

**Model A7A Automatic Spray Gun:** The A7A is a compact, high-cycle, pneumatically-triggered, airless stainless steel spray gun. The gun is designed for use in a circulating or non-circulating fluid supply system up to 1700 psi for airless spray applications. The gun is supplied with a universal gun mount and quick exhaust valve.

**Nozzle:** Minimum cavity nozzle.

**Single Fluid Filter:** Stainless steel filter used to prevent plugging of the fluid nozzle. The filter is supplied with a .006-inch replaceable element. Optional filter elements are available in mesh sizes from .002 to .030 inches.

*Two-year warranty

**WHITE SIDEWALL TIRE STRIPE SPRAY**

**System 1**

**Model 64B Pump:** 15:1 ratio air-operated single piston, positive displacement, double-acting, demand-type stainless steel pump capable of delivering up to 1.0 GPM at 30 cycles per minute.

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**Single Fluid Filter:** Stainless steel filter used to prevent plugging of the fluid nozzle. The filter is supplied with a .006-inch replaceable element. Optional filter elements are available in mesh sizes from .002 to .030 inches.

**Options**

- **Elevator:** 55-gallon
- **Agitator:** 55-gallon

**Model 25B Pump:** 16:1 ratio air-operated single piston, positive displacement, double-acting, demand-type pump capable of delivering up to .4 GPM at 30 cycles per minute. The pump is supplied complete with wall mount kit, input air regulator, siphon assembly and output check valve.

**MOLD RELEASE**

**RA-20 Rotary Atomizer:** Close-in painting provides superior coverage into part recesses, while minimizing overspray. The RA-20 rotary atomizer provides a soft spray pattern that can be adjusted to accommodate specific production requirements.

**Smooth Cup:** Two-inch smooth cup is designed to optimize atomizer performance through efficient atomization and adjustable pattern size.

**Emulsion Deflector:** Smaller diameter distributor provides a larger paint diffusing gap to improve the performance of the cup while spraying water-based emulsions.
Nordson Liquid Systems offers the most technologically advanced tools available to help meet even the most difficult coating application challenges, as productively and efficiently as possible.

**Circulation Kit:** Single stainless steel adjustable orifice valve used to regulate back pressure in the circulating fluid system.

**Model NH-4 Fluid Heater:** Electrically operated, explosion-proof, high-pressure fluid heater designed to reduce the viscosity of coating materials and increase operating efficiency and quality — without adding solvents. A cartridge heater and adjustable thermostat provide accurate fluid temperature control, and a high-temperature limiter ensures maximum operating safety.

**Options**
- **Elevator:** 55-gallon
- **Agitator:** 55-gallon
- **Cover With Holes:** 55-gallon

**Dual Fluid Filter:** Stainless steel filter used to prevent plugging of the fluid nozzle. The dual arrangement prevents downtime by allowing one filter element to be cleaned or replaced while the system continues to operate with the other element. The filter is supplied with two .006 inch replaceable elements and drain-off valves. Optional filter elements are available in mesh sizes from .002 to .030 inches.

**System 2**
- **Model 25B Pump:** 2:1 ratio air-operated single piston, positive displacement, noncirculating, demand-type pump capable of delivering up to 3.0 GPM at 30 cycles per minute. The pump is supplied complete with wall mount kit, input air regulator, siphon assembly and output check valve.

**Dual Fluid Filter:** Stainless steel filter used to prevent plugging of the fluid nozzle. The dual arrangement prevents downtime by allowing one filter element to be cleaned or replaced while the system continues to operate with the other element. The filter is supplied with two .006 inch replaceable elements and drain-off valves. Optional filter elements are available in mesh sizes from .002 to .030 inches.

**Model 25B Pump:** 2:1 ratio air-operated single piston, positive displacement, double acting, demand-type pump capable of delivering up to 3.0 GPM at 30 cycles per minute.

**Single Fluid Filter:** Stainless steel filter used to prevent plugging of the fluid nozzle. The filter is supplied with a .006-inch replaceable element. Optional filter elements are available in mesh sizes from .002 to .030 inches.

**Fluid Regulator:** Air-piloted fluid regulator used to provide individual control of spray applicator.

**Prism® HVLP Spray Gun:** Constructed of corrosion-resistant aluminum, stainless steel and durable engineered thermoplastic materials for excellent impact resistance. Replaceable, self-adjusting packing cartridge provides for easy maintenance. Designed for use with a wide range of liquid coatings for maximum operating flexibility.
Technology, Expertise and Service For All Your Application Requirements

As a leading supplier of high-quality products with unmatched standards of service excellence, Nordson is dedicated to providing customer satisfaction through design and engineering of state-of-the-art material application equipment. As highly skilled professionals, we have the technical expertise, resources and commitment to support the requirements of your project every step of the way.

- **Innovative application technology** designed for reliable performance and maximum uptime.
- **An experienced project management team** dedicated to solving your specific application questions or equipment problems.
- **Expert installation specialists** for timely, effective system integration.
- **Expertise in application development and system design** to meet your specific production requirements.
- **Equipment demonstrations on customer specific parts** to test system performance prior to the sale to assure success and satisfaction.
- **Formal and hands-on training** at Nordson or at your facility.
- **Factory direct service – 24/7/365** to respond quickly to your requests.
- **Preventive maintenance packages** for ongoing support.

- **Technical assistance hotline** for immediate response.
- **Replacement parts in stock** to meet normal or emergency situations.
- **ISO certification of Nordson facilities and operations** attests to excellence in our systems and enhances our ability to provide superior quality products and services to our customers.
- **In-house technical representatives** provide easy access to the most up-to-date information available on spray application equipment and systems.
- **A team of dedicated professionals** in our Customer Support Center provide instant spare parts pricing and availability, easy order entry and inquiry, and warranty returns assistance.

Production-proven Nordson technology in your everyday manufacturing operations, delivers the high-performance products your customers demand. With high-performance results of improved quality, reduced costs and increased productivity.

At Nordson, we are committed to the highest standard of excellence in our products, people and services for your complete satisfaction.