

Rhino® VE Bulk Unloaders

Robust components provide durability and ease-of-use for precision dispensing of adhesives and sealants.



Nordson® Rhino VE bulk unloaders are designed for simple, low maintenance dispensing of high-viscosity, ambient-temperature adhesives and sealants for a variety of manufacturing applications. These durable bulk unloaders provide superior flow properties and ease-of-operation in dispensing high-viscosity adhesive and sealant materials.

Features and Benefits

- **Modular Design** – Multiple configurations allow for flexibility to accommodate changes in application requirements. Air motors, standard duty (SD) pumps, extreme duty (XD) pumps and multiple follower plates are interchangeable to allow easy system configuration.
- **Large Internal Passages** – Increase pump efficiency by minimizing flow resistance and material shearing internally, more consistent material viscosity is maintained with reduced material degradation.
- **Fast Air Motor Changeover with rapid-cycling, dual air-piloted valve** – Provides uniform material output and consistent material pressure. External mounting facilitates service.
- **Oil-less Air Motor** – Provides environmentally friendly power and reduced maintenance time.
- **Flange-Mounted Packing Gland** – Allows for quick packing removal with no special tools.
- **Automatic Shut-Down** – Prevents damage to the unit when the pump reaches the bottom of the container.



Wear-Resistant Coating Design Assures High Performance, Long Life

Rhino VE Bulk Unloaders with XD pumps feature ScoreGuard® wear-resistant coating that provides superior performance and toughness over other coatings used in wear applications. Twice as hard as conventional hard chrome plating, ScoreGuard coating has excellent corrosion resistance and is warrantied* to provide maximum life for superior durability and operating performance.



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Ratio Air Motor Volumetric Maximum Size Displacement Output

| Ratio | Air Motor Size | Volumetric Displacement | Maximum Output |
|-------|----------------|-----------------------------|---|
| 48:1 | 10 inch | 8 in ³ /stroke | 1.1 gallons/min. (4.2 liters/min.)** |
| 65:1 | 10 inch | 5.8 in ³ /stroke | 75 gallons/min. (2.8 liters/min.)** |

Rhino® Bulk Unloaders Optional Accessories

- **Container sizes:**
 - 5-gallon (20 liter)
 - 30-gallon (115 liter)
 - 55-gallon (200 liter)
- **Application specific follower-plate seals**
- **Available low-waste 55-gallon (200 liter) follower plate**
- **Automatic pneumatic changeover**
- **Light tower kits**
- **Remote electric control kits**
- **Casters*****
- **Check valves**
- **XD version for abrasive materials**

** Output dependent on material viscosity, temperature, filters and system configuration.

*** Add six inches to height dimension for units with optional casters.

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