NSE Construction Pump System
5 Gallon (20 Liter) Pail Pump System

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

Nordson® NSE drum 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

- **3 inch Single Post Ram** – Provides Ram pressure for low to high viscosity materials at lower flow rates
- **Modular Design** – Multiple configurations allow for flexibility to accommodate changes in application requirements.
- **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.
- **Packing Gland** – Allows for quick packing removal with no special tools.
- **Warranty** – Standard Two-Year System Warranty

Construction Dispensing System for Pails
5 Gallon (20 Liter) Sealant Equipment System for Dispensing Construction Sealants Includes High Pressure Pump, Fluid Regulator, Outlet Swivel, Long Supply Hose, Short Whip Hose, Swivel, Hand Valve and Wand.

Wear-Resistant Coating Design Assures High Performance, Long Life

These Pail Unloaders feature 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.
5 Gallon Construction Pump System  
Dispense 1-Part Sealants and Adhesives

Specifications:

<table>
<thead>
<tr>
<th>Power Ratio</th>
<th>Air Motor Diameter</th>
<th>Max. Outlet Pressure</th>
<th>Volume per Stroke</th>
<th>Max. Output at 30 CPM **</th>
<th>Baseplate Dimensions</th>
</tr>
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<tbody>
<tr>
<td>46:1</td>
<td>6 in. 152 mm</td>
<td>4600 psi 317 bar</td>
<td>3.4 cu. in. 57 cc</td>
<td>0.9 gallons/min. 3.4 liters/min.</td>
<td>14 x 17 in. 355 x 432 mm</td>
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- Container Size: 5 gallon (20 liter) Pail
- Maximum Recommended Air Supply Pressure: 100 PSI (7 bar)
- ** Dependent on material viscosity, temperature, fillers and system configuration

Typical System Components:
- 5 gallon Nordson NSE Supply Pump for 1-Part materials
- 3 in. Single Post Ram with Air Control Valves
- Fluid Regulator, 3/4” High Pressure, Air Piloted w/Air Regulator, Gauge
- 3/4” Swivel, to prevent damage to Supply Hose
- 3/4” x 25 ft. long High Pressure Supply Hose
- 1/2” x 5 ft. long High Pressure Whip Hose
- 1/2” Swivel at Hand Valve Inlet
- 1/2” Ergonomic Hand Valve
- 36” long (914 mm) wand

Sealant Equipment: Manufacturers of precision meter-mix dispense systems and fluid dispense valves for processing 1- and 2-part adhesives, sealants and lubricating materials such as epoxy, urethane, silicone, acrylic, Plastisol and more in manual, automated and robotic metering, mixing and dispensing applications such as bonding, encapsulating, gasketing, molding, potting and sealing for small to Fortune 500 companies since 1967 and is ISO 9001:2008 certified.

Nordson Corporation (Nasdaq: NDSN) is one of the world’s leading producers of precision dispensing equipment that applies adhesives, sealants, coatings and other materials to a broad range of consumer and industrial products during manufacturing operations. The company also manufactures equipment used in the testing and inspection of electronic components as well as technology-based systems for curing and surface treatment processes. Headquartered in Westlake, Ohio, Nordson has direct operations and sales support offices in more than 30 countries.