Versatile, air-operated, hydraulic pump for heated or unheated paint spray systems and other fluid delivery applications.

Features and Benefits

- **Self-adjusting, stationary, hydraulic packing glands** — need no maintenance throughout their life and cannot be overtightened or neglected.
- **Air-operated pump** — can be used in hazardous locations with solventborne coatings.
- **Reciprocating plunger and stationary packing design** — reduces pump wear and maintenance costs.
- **Wide selection of “standard” packing materials** — for use with a variety of coating formulations.
- **Precision-ground, long-life hydraulic plunger** — ensures long service life.
- **Large, stainless-steel ball checks** — provide smooth fluid delivery with high-viscosity coating materials.
- **Large, enclosed solvent chamber** — lubricates plunger and increases upper packing life.
- **Mechanical air valve** — provides reliable, fast cycling action to minimize pressure fluctuations for a more uniform spray pattern.
- **Sheet metal cover** — protects pump from the hazards of a normal industrial environment.

Model 64B Pump

- **Positive-displacement, demand-type pump.**
- Available in 15:1 and 30:1 fluid-to-air ratios.
- For use in airless and air-assisted airless applications
- Dual-acting, single-piston design.
- Self-adjusting, stationary packings.
- Circulating and non-circulating systems.
- Wall, drum or dolly mounting.
- Aluminum and stainless-steel models available.

Typical Applications

The versatile Model 64B pump is designed to operate multiple guns at mid-range volume or a single gun in high-volume applications of high-viscosity materials. Lower cycle rates of the 64B pump can easily accommodate abrasive coatings. The Model 64B pump is available in stainless-steel construction for corrosive materials.
## Model 64B Pump

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>30:1 Ratio</th>
<th>15:1 Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fluid Delivery GPM</strong></td>
<td></td>
<td></td>
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<tr>
<td>(liters per minute):</td>
<td></td>
<td></td>
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<tr>
<td>15 cycles*</td>
<td>.25 (.95)</td>
<td>.50 (1.89)</td>
</tr>
<tr>
<td>30 cycles</td>
<td>.51 (1.93)</td>
<td>1.02 (3.79)</td>
</tr>
<tr>
<td>60 cycles</td>
<td>1.02 (3.86)</td>
<td>2.04 (7.57)</td>
</tr>
<tr>
<td><strong>Pump Cycles Per Gallon</strong></td>
<td>59</td>
<td>31</td>
</tr>
<tr>
<td><strong>Pump Cycles Per Liter</strong></td>
<td>15</td>
<td>8</td>
</tr>
<tr>
<td><strong>Air Requirements</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>at 15 cycles (60 PSIG or 4.22 kg/cm²)</td>
<td>5.8 CFM (2.8 l/sec.)</td>
<td>5.8 CFM (2.8 l/sec.)</td>
</tr>
<tr>
<td><strong>Maximum Working Pressure</strong></td>
<td>3000 PSIG (207 bar)</td>
<td>1500 PSIG (103 bar)</td>
</tr>
<tr>
<td><strong>Minimum Air Line Size</strong></td>
<td>3/8 in. (9.5 mm)</td>
<td>3/8 in. (9.5 mm)</td>
</tr>
<tr>
<td><strong>Recommended (I.D.)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>High-Pressure Airless</strong></td>
<td>3/16 in. (4.8 mm)</td>
<td>3/16 in. (4.8 mm)</td>
</tr>
<tr>
<td><strong>Hose Sizes (I.D.)</strong></td>
<td>1/4 in. (6.4 mm)</td>
<td>1/4 in. (6.4 mm)</td>
</tr>
<tr>
<td></td>
<td>3/8 in. (9.5 mm)</td>
<td>3/8 in. (9.5 mm)</td>
</tr>
</tbody>
</table>

* One Cycle = 2 Strokes

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### Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That’s why we apply both to everything we do, whether it’s our products, expertise or outstanding customer service. We’ll always be there to help maintain the new standards you’ve set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

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www.nordson.com/icslocations

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