

Model 64B Pump



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

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, as well as for food and drug 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, hard chrome 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.

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Specifications

	30:1 Ratio	15:1 Ratio
Fluid Delivery		
GPM (liters per minute)		
15 cycles*	.25 (.95)	.50 (1.89)
30 cycles	.51 (1.93)	1.02 (3.79)
60 cycles	1.02 (3.86)	2.04 (7.57)
Air Requirements		
at 15 cycles	5.8 CFM	5.8 CFM
(60 PSIG or 4.22 kg/cm ²)	(2.8 l/sec.)	(2.8 l/sec.)
Pump Cycles Per Gallon	59	31
Maximum Working Pressure	2600 PSIG (183 kg/cm ²)	1400 PSIG (98 kg/cm ²)
Minimum Air Line Size		
Recommended (I.D.)	3/8 in. (9.5 mm)	
High-Pressure Airless		
Hose Sizes (I.D.)	3/16 in. (4.8 mm) 1/4 in. (6.4 mm) 3/8 in. (9.5 mm)	

* One Cycle = 2 Strokes

Nordson reserves the right to make design changes to products to improve their function. These changes may occur between printings.

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