

# Model 25B Pump

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

## Features and Benefits

- Reciprocating plunger and packing design – reduces pump wear and maintenance costs.
- Wide selection of “standard” packing materials – for use with a variety of coating formulations.
- Hard-chrome wear surfaces – for long life using abrasive coatings.
- Mounting versatility – wall, drum, five-gallon pail or dolly mounting accommodates varying application requirements.
- Standard type U packing glands – offer excellent abrasion resistance with zero water absorption for much longer packing 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 normal industrial environments.
- Patented ScoreGuard precision-ground, hard-chrome hydraulic plunger – ensures long service life.
- Air-operated pump – can be safely used in hazardous locations with solvent-based coatings.
- Self-adjusting hydraulic packing glands – need no maintenance throughout their



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- Positive-displacement, demand-type pump.
- Available in 2:1, 4:1, 16:1, and 27:1 fluid-to-air ratios.
- Dual-acting, single-piston design.
- Patented ScoreGuard™ hard coated plunger.
- Circulating and non-circulating systems.
- Wall, drum, five-gallon pail or dolly mounting.
- Self-adjusting packings.

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4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX  
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48  
Demande de prix / e-mail : [service-commercial@motralec.com](mailto:service-commercial@motralec.com)

[www.motralec.com](http://www.motralec.com)

Nordson

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## Typical Applications

The Nordson model 25B pump is available in several fluid-to-air ratios. The 27:1 ratio pump is well suited for high-pressure, airless painting applications where heavy-bodied primers and coatings are sprayed, as in boat-yards, marine applications and miscellaneous metal fabrications. The 16:1 pump is used in heated paint applications and lower viscosity applications

such as industrial enamels. The 4:1 and 2:1 versions are ideal for low-pressure, higher-volume applications including air-atomized paint systems.

The 16:1 and 27:1 versions of the 25B pump are available in stainless steel for corrosive and waterborne applications, as well as several non-paint applications including cold glue and adhesives.



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4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX  
 Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48  
 Demande de prix / e-mail : [service-commercial@motralec.com](mailto:service-commercial@motralec.com)  
[www.motralec.com](http://www.motralec.com)

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