Prodigy® HDLV®

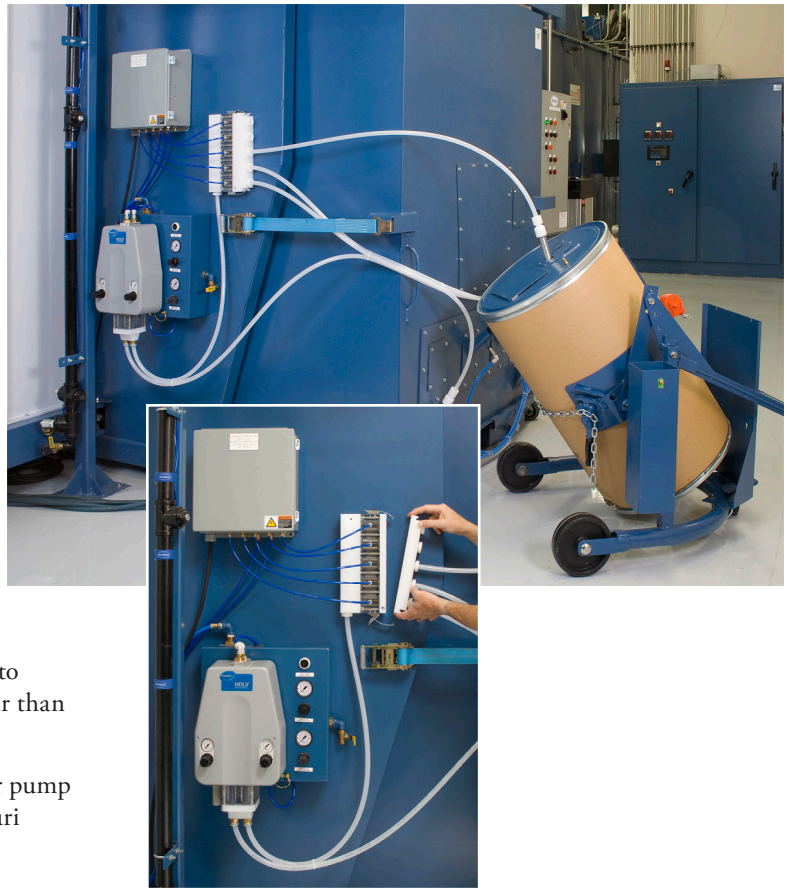
Transfer Pump for Color Modules

Improves recovery and overall system efficiency in powder coating operations.

HDLV transfer for color modules helps improve overall system efficiency through more effective powder recovery. HDLV technology operates at higher capacity, lower velocity and lower energy usage, resulting in a variety of benefits.

With Nordson's Prodigy HDLV Transfer for Color Modules, you'll achieve higher delivery rates and improve performance, all while reducing scrap, maintenance and spare parts usage. In addition, you'll also benefit from reduced energy usage and associated costs.

Prodigy HDLV Transfer for Color Modules optimizes application efficiency and recovery efficiency – resulting in optimum system efficiency in your powder coating operations.



Features and Benefits

- **Reduce energy usage –** HDLV transfer uses less air to move more powder, consuming 75% less compressed air than standard venturi pumps.
- **Achieve higher delivery rates –** One HDLV transfer pump transports the equivalent powder volume of three venturi transfer pumps.
- **Improve performance –**
  - With the port switching manifold, cycle times for each fluid bed as well as HDLV virgin can be adjusted individually – making it easier to manage the virgin and reclaim powder mix.
  - More precise management of fluid beds and virgin/reclaim mix results in better application performance.
  - Sieve performance is also improved due to the reduction in air volume with dense phase technology.
- **Reduce scrap –** Better management of recovered powder means less scrap powder and less maintenance time required to remove scrap powder.
- **Reduce maintenance time and spare parts usage –** HDLV transfer uses lower velocity air, resulting in longer part wear and less impact fusion. This translates into lower spare parts usage and less maintenance time.
- **Easy Integration –** Into existing cartridge filter based color modules.
- **Easy Cleaning –** Achieved quickly and easily with the simple push of a button.

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Specifications and Utility Requirements

Voltage (Amps)	120/230 VAC (0.8 Amps) ** Note – Universal power supply accommodates dual voltage*
Air Input Size	6mm tube – Control enclosure 3/8" NPT – HDLV pump assembly
Operating Air Pressure	4.80 bar (70 psi) min
Total Air Consumption	**Normal Operation:** 198-225 l/min (7 cfm) **During Purging:** 565 l/min (20 cfm)

For more information, speak with your Nordson representative or contact your Nordson regional office.

United States
Amherst, Ohio
+1.800.626.8303 **Phone**
+1.888.229.4580 **Fax**

Canada
Markham, Ontario
+1.905.475.6730 **Phone**
+1.800.463.3200 **Phone**
+1.905.475.8821 **Fax**

Europe
Erkrath, Germany
+49.211.9205.141 **Phone**
+49.211.9252.148 **Fax**

Japan
Tokyo, Japan
+81.3.5762.2700 **Phone**
+81.3.5762.2701 **Fax**

Asia/Australia/ Latin America
Amherst, Ohio
+1.440.985.4000 **Phone**
24-hour message service:
+1.440.985.4797

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Nordson Corporation
300 Nordson Drive
Amherst, Ohio 44001, USA

+1.440.985.4000
nordson.com