The Prodigy HDLV pump offers easy, efficient handling of virgin powder to the application system. HDLV products provide greater powder output using less air to transfer powder.

Prodigy HDLV Technology

Nordson’s patented Prodigy HDLV high-capacity pumps use dense phase technology with high density powder, low velocity air. This propels more using less compressed air, providing significant improvements over traditional venturi-style pump technology.

- **Greater output for higher productivity rates** — up to 360 lbs. (163 kg) per hour — the equivalent of three conventional venturi-style transfer pumps.
- **Improved savings in compressed air usage** — HDLV products require only a fraction of the compressed air needed to operate a conventional venturi-style transfer pump.
- **Lower powder velocity with less air to propel the powder** — minimizes the possibility of over-pressurization and impact fusion as with a conventional venturi-style transfer pump.
- **Ultra fast product change with the manual purge function** — easy and fast product change is achieved without pump disassembly.
- **Purgeable in both directions** — suction and delivery.
- **See through design** — for quick diagnostics.
- **No venturi throat to replace** — reduces maintenance requirements.
- **Reduced air velocity for less wear on parts.**
- **High performance with abrasive material.**
- **Smaller powder transport tubing** — for easy installation.
- **Ideal for food and pharmaceutical applications** — all components in contact with product are FDA approved.*

Prodigy HDLV High-Capacity Pump

The Prodigy HDLV high capacity pump station can also be integrated into your current system – pumping to and/or from various powder containers, including:

- Fluidized hoppers
- Non-fluidized boxes
- After filters
- Scrap drums
- And other various powder containers
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.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output (Max)</td>
<td>4k (9lbs) per minute</td>
</tr>
<tr>
<td>Operating Air</td>
<td>4.80 bar (70psi)</td>
</tr>
<tr>
<td></td>
<td>198-255 l/min (7 cfm)</td>
</tr>
<tr>
<td>Pinch Valves</td>
<td>2.40 - 2.75 bar (35-40psi)</td>
</tr>
<tr>
<td>Conveying Air</td>
<td>0.70 - 1.00 bar (10-15psi)</td>
</tr>
<tr>
<td></td>
<td>28-56 l/min (1-2 cfm)</td>
</tr>
</tbody>
</table>

The Prodigy HDLV High-Capacity Pump is part of a complete pump station (p/n 1067320*), which includes pneumatic controls and purge function.

*Drum unloader is not included with p/n 1067320

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Prodigy® HDLV® High-Capacity Pump

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