



Uni-Vac (V-10)



Vacuum Conveying System

The **Uni-Vac** vacuum conveying system from **Hanningfield Process Systems** provides a safe, practical and dust-free method of conveying powder, granules and flakes without waste.

{xtypo_info}The **Uni-Vac V-10** is Hanningfield's second smallest vacuum conveyor and is designed for applications where the throughput requirement is quite low. The capacity is 10 litres and the throughput can reach 900 kgs/hr.{/xtypo_info}

[Vacuum conveying](#) provides cost-effective automation that improves production, reduces contamination and creates a clean and safer working environment. Powder spillage, airborne dust and the common problems associated with manual feeding are eliminated.

The conveyor is designed for applications with typical industry requirements. The handling of

heavy drums, kegs, bags, etc. are all eliminated by using a **Uni-Vac** system.

Conveying offers various benefits for processes, including greater productivity and a safer, more hygienic working environment. [Vacuum conveying](#) is the perfect solution for powder transfer in the pharmaceutical, food, chemical and allied industries. Through conveying, a process can take advantage of improved output and a cleaner, safer working environment.

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Profile	The	Uni-Vac V-10	is Hanningfield's second
{xtype_quote}	The Hanningfield	Uni-Vac	offers many advantages, Uni-Vac is an easy clean design
All internal surfaces are	Uni-Vac	and crevice free, the design is a	Hanningfield Process System

Features

- Easy clean design

- Hygienic crevice free
- Stainless steel construction (304 or 316)
- No tools required for disassembly
- Remotely located controls
- Flexible modular design
- Mobile or static versions available

Benefits

- High return on investment through increased productivity and lower produc

- Improved working environment
- Increased output and efficiency through automation
- Improved dust free environment through containment
- Minimal risk of contamination
- Reduces product loss
- Increased process safety
- Reduced operator fatigue
- Easy to clean design for minimal operational downtime

Technical Specifications

Throughput:

Up to 900 kgs/hr

- | | | |
|---|----------------------------------|--|
| • | Volume: | 10 litres |
| • | Material of Construction: | Stainless steel (304 or 316) |
| • | Height: | 1000mm |
| • | Diameter: | 450mm |
| • | Pick-Up Method: | Vacuum wand, IBC, sacktip station, feedbin, big bag, e |
| • | Controls: | Control panel can be attached or remotely located |
| • | Version: | Mobile or static versions available |
| • | Explosion Protection: | ATEX or Non-ATEX version available |

Typical Applications

- Unloading storage containers (IBCs, big bags etc.)

- Fluid bed dryer unloading
- Mixer loading
- IBC loading
- Conveying powder through a conical screen mill for in-line milling
- Conveying to a tablet compression machine
- Conveying to a capsule filling machine

Gallery {gallery}univac10{/gallery}

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What is Pneumatic Powder Conveying?




Vacuum Powder Conveying is known as **Pneumatic Powder Conveying** method of transferring powder. **Benefits of Pneumatic Powder Conveying in Pharmaceutical Processing** is an efficient method of transferring powder. For example, powder can be sucked directly from an IBC, into the conveyor, and then transferred from the **Pneumatic Powder Conveying Conclusions** **Hannaford** perfectly suited to the pharmaceutical industry.

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Download Brochure:

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[Vacuum Conveying Systems \(Uni-Vac Series\)](#) {/xtypo_download} **Case Study:**

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[Vacuum Conveying](#) {/xtypo_download}

