



Uni-Vac (V-03)



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-03** is Hanningfield's smallest vacuum conveyor and is designed for applications where the throughput requirement is quite low. The capacity is 3 litres and the

throughput can reach 300 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 processing, such as increased productivity and a safer working environment. [Vacuum conveying](#) is the ideal solution for many powder processing applications in the pharmaceutical, food, chemical and allied industries.

Through conveying, a process can take advantage of improved output and a cleaner, safer working environment.

{faq inline/tabs}

Profile	The	Uni-Vac V-03	is Hanningfield's smallest
{xtypo_quote}The Hanningfield	Uni-Vac	offers many advantages,	Uni-Vac as an easy clean design
All internal surfaces are crack and crevice free,		the surface finish is to customer requirements.	All connections
The	Uni-Vac	is designed and manufactured	Hanningfield Process System

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| 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 production costs |
| •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 300 kgs/hr
• Volume:	3 litres	
• Material of Construction:	Stainless steel (304 or 316)	

- **Height:** 600mm
- **Diameter:** 270mm
- **Pick-Up Method:** Vacuum wand, IBC, sacktip station, feedbin, big bag, etc.
- **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}univac03{/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 efficient method of transferring powder.

For example, powder can be sucked directly from an IBC, into the conveyor, and then transferred from the conveyor to the final destination.


Pneumatic Powder Conveying Conclusions Having field perfectly suited to the 20 years experience.

{/faq}

Download Brochure:

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

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[Vacuum Conveying](#) {/xtypo_download}

