



Uni-Vac (V-20)



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-20** is a Hanningfield vacuum conveyor with a capacity of 20 litres and a throughput of up to 1200 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 allows a process to benefit from improved productivity and a safer, more hygienic working environment. [Vacuum transfer](#) is the perfect solution for powder process systems 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-20** is the Hanningfield

[vacuum conveyor](#)
{xtype_quote}The Hanningfield **Uni-Vac** offers many advantages, such as an easy clean **Uni-Vac**
All internal surfaces are crack and crevice free, the surface finish is to customer requirements. All connections
The **Uni-Vac** is designed and manufactured to 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 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 1200 kgs/hr

- **Volume:** 20 litres
- **Material of Construction:** Stainless steel (304 or 316)
- **Height:** 1100mm
- **Diameter:** 450mm
- **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}univac20{/gallery}

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What is

Vacuum Powder

Conveying?



Vacuum Conveying , also known as

Pneumatic Powder Conveying is a method of transferring powder

Benefits of Vacuum Conveying in Pharmaceutical Processing Vacuum and efficient method of transfer

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


Vacuum Conveying: Conclusions (pneumatic) transfer of powder is perfectly suited to the pharm

{/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}

