

**UNI**<sup>TM</sup> V A C

## Vacuum Conveying Systems



Easy Clean  
Powder Transfer  
Systems

**hanningfield**



**UNI**<sup>TM</sup>

V A C

## Vacuum Conveying Systems

Vacuum conveying is the ideal solution for the contained transfer of powder, granules and similar process materials. The Uni-Vac system has been specifically designed for the demanding needs of the pharmaceutical, food, chemical and allied industries. The Uni-Vac has no moving parts, boasts an easy-clean design and is constructed from stainless steel. Many industry leaders have chosen the Uni-Vac for both its quality and reliability, with the system supplied and installed worldwide. Our experience and expertise make us confident we can help to solve your problem too.

## Process Optimisation

The Uni-Vac has been specifically designed to meet the demanding needs of the process industries. Our vacuum conveyor is easy to use, easy to clean and provides excellent rates of efficiency. The Uni-Vac system is specifically constructed from durable materials to ensure long-life and reliability and is accompanied by a surface finish to each customer's requirements.

## A Cleaner, Less Hazardous Workplace

Our vacuum conveying system eliminates all the common problems associated with manual feeding, such as powder spillage and airborne dust. Moreover, the use of a vacuum conveyor also removes the need to handle heavy equipment such as drums, kegs and bags.

## An 'Easy Clean' Design

We carefully ensure all surfaces are crack and crevice free, such as that powders do not get trapped. All connections are 'quick-release', enabling the Uni-Vac to be disassembled for cleaning without the need for tools.

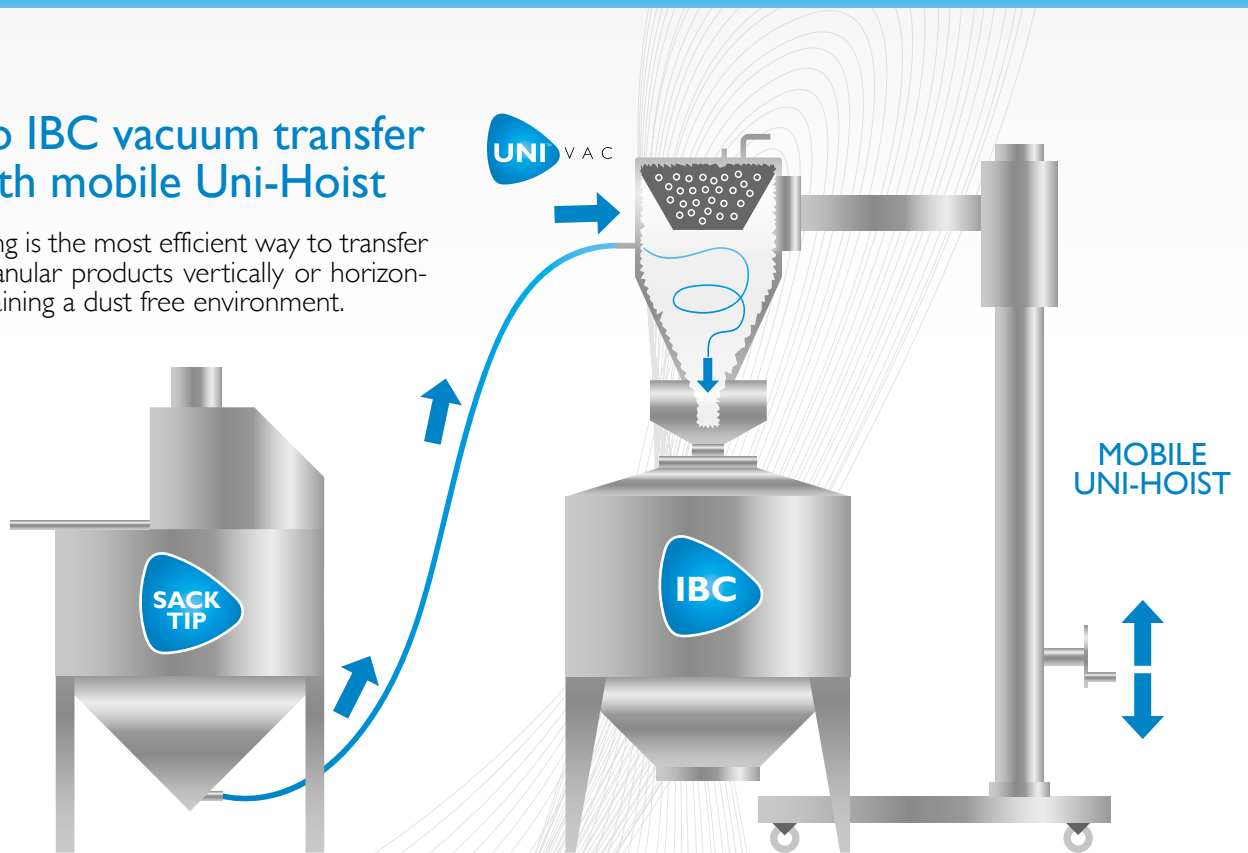


Model	V03	V10	V20	V30	V50	V100
Capacity kg/h	300	900	1200	2000	3000	4000
Height mm	600	1000	1100	1400	1600	1700
Diameter mm	270	450	450	450	450	450
Volume litres	3	10	20	30	50	100

\* Note all dimensions and capacities are nominal. Height includes maintenance space. Convey rates are dependent on bulk density product characteristics.

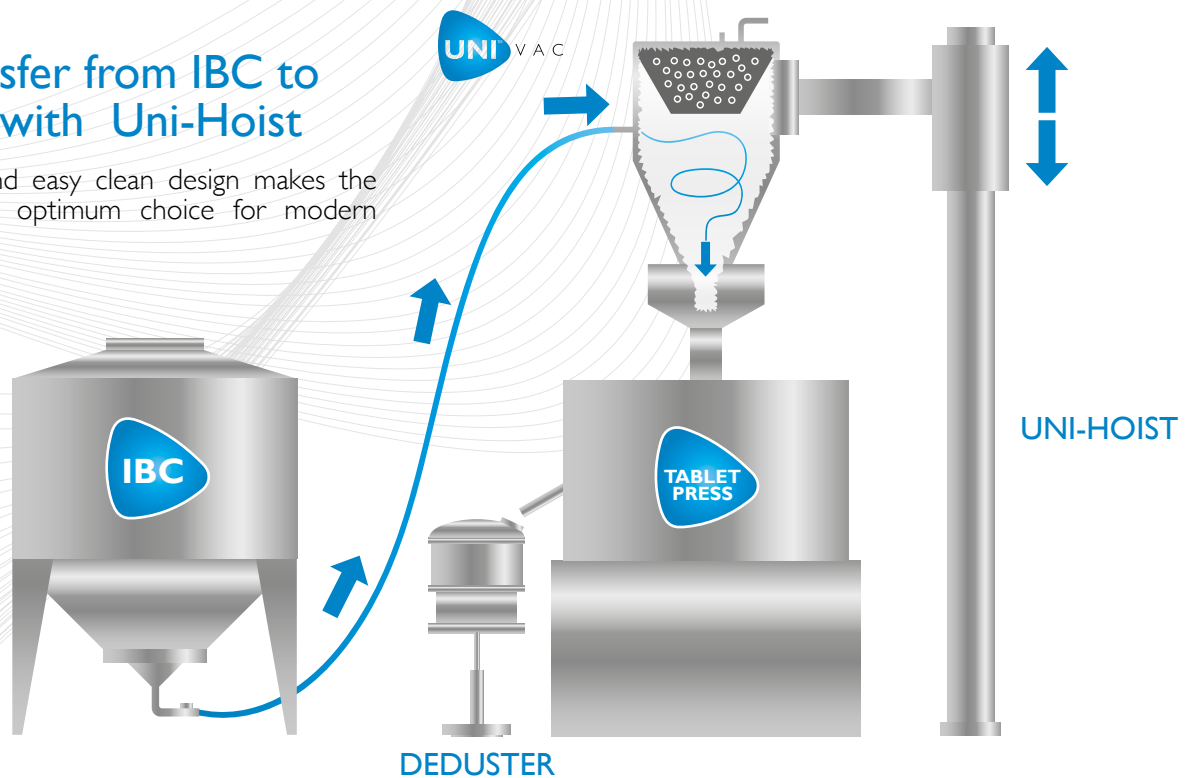
### Sack-tip to IBC vacuum transfer system with mobile Uni-Hoist

Vacuum conveying is the most efficient way to transfer powders and granular products vertically or horizontally while maintaining a dust free environment.



### Vacuum transfer from IBC to Tablet Press with Uni-Hoist

No moving parts and easy clean design makes the Uni-Vac system the optimum choice for modern process applications.



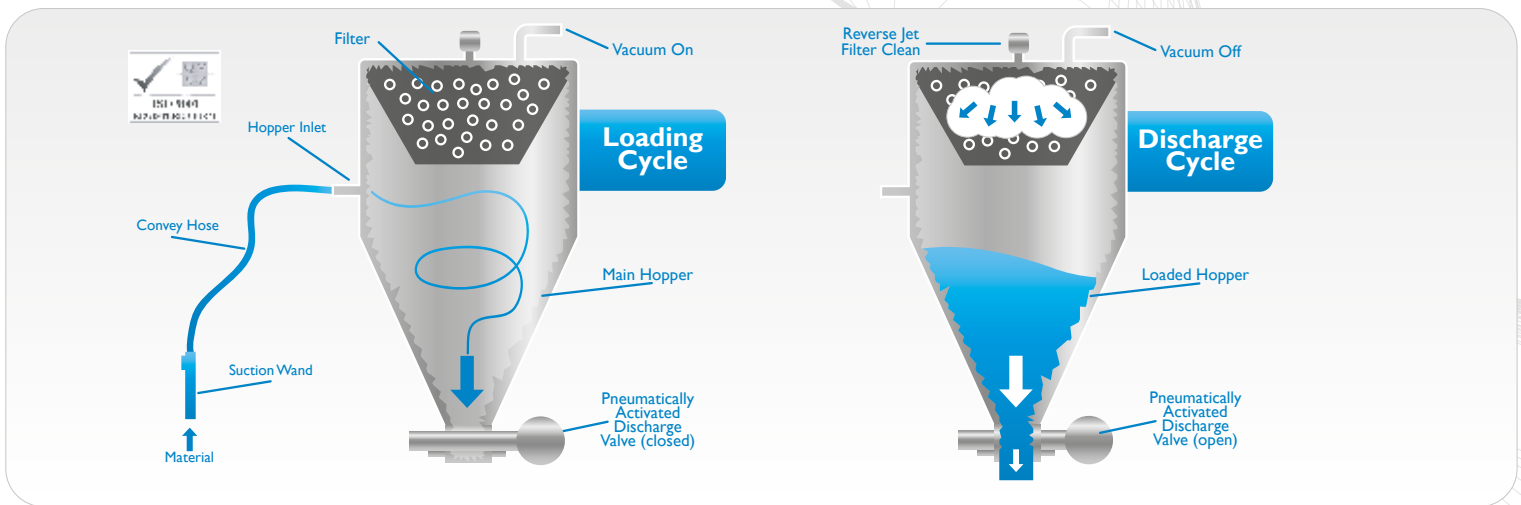
## Vacuum Conveying Systems

The Hanningfield Uni-Vac system is a 'lean-phase' design. This economical method of materials handling is compact and versatile, offering good scope for handling a wide variety of products and applications. The 'lean phase' system is easy to use, maintain and clean, making turn-around times between batches as short as possible.

The term 'lean phase' is used as there is a high ratio of entrained air in the product line, suspending the product during transfer through the conveying pipe-work. Supporting this efficient and low-cost technology, Hanningfield can draw on over 20 years of designing and installing vacuum transfer solutions worldwide. Great emphasis is placed upon customer liaison to ensure the best possible system is provided to meet the exact application requirements and the specific needs of the end user.



### Convey rates from 300 - 4,000 Kgs per hour



- Improved dust free environment
- Virtually no moving parts
- Reduced operator fatigue
- Faster materials handling
- Increased output and efficiency
- Minimal product losses

### Design Options

- Vacuum pump or venturi options
- Cartridge or bag filters
- Sack-tip stations
- Wall mounting or mobile stands
- Silicone lined hopper for tablet conveying applications

Local Representative

### Contact Details:

#### UK and Worldwide (Headquarters):

Hanningfield Process Systems Ltd  
 17 Millhead Way, Rochford, Essex, SS4 1LB, United Kingdom  
 T: +44 (0) 1702 549 777  
 E: info@hanningfield.com

#### USA, Canada and Puerto Rico:

Hanningfield (North America)  
 PO Box 1178, Hillsborough, North Carolina, 27278, USA  
 T: +1 (919) 338 2884  
 E: northamerica@hanningfield.com

#### Australasia and South East Asia:

Hanningfield (Pacific)  
 PO Box 362, Kenmore, Qld 4069, Australia  
 T: +61 (0) 488 242 158  
 E: pacific@hanningfield.com