

# VACUUM CONVEYING POWDER TRANSFER SYSTEM (VCPTS)

The Vacuum Conveying and Powder Transfer System offer a safe and convenient method for transferring various materials, including powders, granules, flakes, pellets, and capsules. This automated system is designed with the latest technology, ensuring efficient loading processes in sanitary applications. It finds extensive use in pharmaceutical, food processing, and related industries, providing reliable and hygienic powder transfer solutions.

The system consists of a twin lobe vacuum duty air-cooled pump, cyclone separator, bypass valve damper, two-stage food-grade silicon-coated polyester filters, associated pipelines, and food-grade components.

## VACUUM CONVEYING POWDER TRANSFER SYSTEM



### **BASIC FEATURES OF THE MACHINE :**

- Stainless steel construction with FDA compliant seals
- Suitable for powders, granules, flakes, pellets etc.
- ATEX (ex-proof) versions available
- Option features including spray balls and level control
- Optional "stepless" design for damage free transfer of tablets or other fragile materials
- Level Control
- Line clearance valves
- CIP / WIP
- Eppa Filters
- Trolley mounted/Skid mounted
- Flame proof or with ATEX standards

### **OPTIONAL ACCESSORIES :**

- Level Control
- Line clearance valves
- CIP / WIP
- Eppa Filters
- Trolley mounted/Skid mounted
- Flame proof or with ATEX standards



**ULTRAMAX HYDROJET PVT. LTD.**



**Uni - Vac V-Series**



**Reactor Loading**



**Direct Loading**

**DATA TABLE**

Model	Max. Throughput		Hopper Diameter		Hopper Height		Hopper Capacity	Standard Hose	Contact Parts	Non-Contact Parts	
	kgs / hr	lbs / hr	mm	in	mm	in	liters	in			
<b>VC - Series</b>	VC 05	300	660	254	10	490	19.25	5	1.5	3.16L Stainless steel (1.4404)	304 Stainless steel (1.4301)
	VC 10	900	2000	254	10	590	23.25	10	1.5		
	VC 30	1200	2650	254	10	840	33	20	1.5		
	VC 30	2000	4500	254	10	1090	43	30	1.5		

<b>V - Series</b>	VC 01	50	110	245	9.65	464	18.27	1	1.0 / 1.5	3.16L Stainless steel (1.4404)	304 Stainless steel (1.4301)
	VC 03	100	220	245	9.65	493	19.41	3	1.0 / 1.5		
	VC 05	300	660	245	9.65	533	20.98	5	1.0 / 1.5		
	VC 10	900	2000	400	15.75	803	31.61	10	1.5		
	VC 20	1200	2650	400	15.75	803	31.61	20	1.5 / 2.0		
	VC 30	2000	4500	400	15.75	1153	45.39	30	1.5 / 2.0		
	VC 50	3000	6750	400	15.75	1433	56.42	50	2.0		
	VC 100	4000	9000	400	15.75	1703	67.05	100	2.5 / 3.0		

**FEATURES**

**WIP Stainless Filters**



**Level Control**



**ATEX Compliant**



**Mounting Option**



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