

The powder feeders of the VLP series are the best solution for the pneumatic conveyance of plastic materials in powder form. They can also be used for conveying food, pharmaceuticals and chemical products ensuring high hygienic standards. Ideal for free-flowing powders with particle sizes from 10 to 200 µm and bulk density from 0.35 to 1.8 kg/dm³.

These feeders can also be used for powders with smaller particle sizes by using special sintered filters.

Also available a version for Matrix centralized systems and a version with an external PD vacuum pump.



TECHNICAL SPECIFICATIONS:

- High-efficiency compressed-air vacuum pump.
- Butterfly outlet valve.
- ASTM 304 stainless steel container.
- Antistatic polyester self-cleaning filter.
- Modular and compact structure.
- Control unit for monitoring operation.
- Compressed-air regulating kit.
- Suction probe and pipe.
- Paddle level sensor.

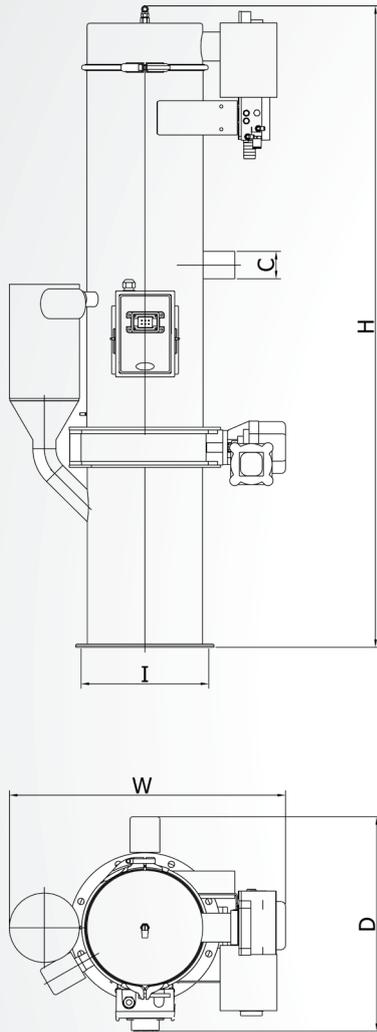
ACCESSORIES:

- Sintered filter for particle sizes 1-10 µm.

ADDED VALUE:

- **EASY TO INSTALL**
Thanks to its built-in pump, this feeder does not require vacuum pipes.
- **LOW ENERGY CONSUMPTION**
A special Venturi modular system ensures high airflow rates and high vacuums using a low quantity of compressed air.
- **FAST CLEANING**
No need of tools: a fast clamping system keeps the parts together.
- **LOW NOISE.**

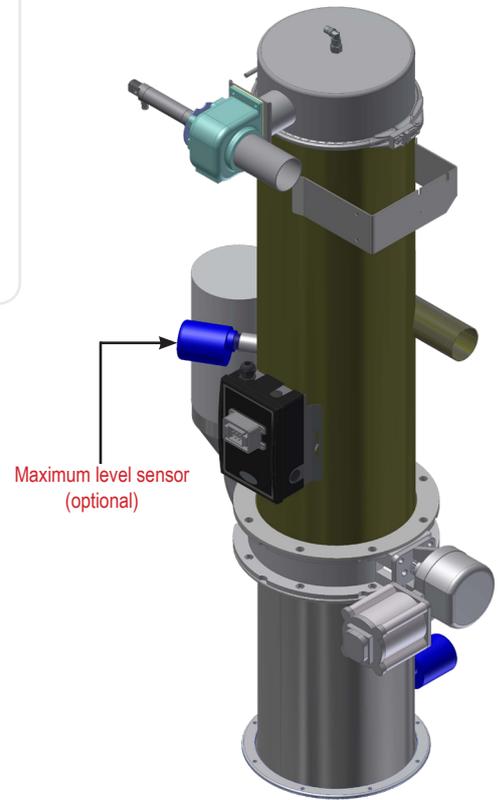
Powder feeders



Pleated filter



Sintered filter (optional)



Maximum level sensor (optional)

Version with an external pump
VLPM / VLPD

TECHNICAL DATA		VLP10	VLP20	Three-phase hopper loader		Centralized loader	
				VLPM10 VLDP10	VLPM20 VLDP20	VLPM20 VLDP20	VLPM20 VLDP20
Suction capacity	kg/h	300*	600*		300*		600*
Pump capacity (at 200 mbar)	m ³ /h	80-100	120-180	PD3	80-100	PD5	120-180
Batch volume	l	10	20		10		20
Supply pressure	bar	4-6	4-6		4-6		4-6
Compressed-air consumption	NI/s	10-14	20-28		0.5		0.5
Maximum vacuum	mbar	400	400	PD3	250	PD5	400
Noise level	dB(A)	<80	<80		<80		<80
Material inlet (C)	mm	50	60		50		60
Centre-to-centre distance (I)	mm	280	280		280		280
Voltage/Frequency	V/Hz	230/50-60	230/50-60		24DC 230/50-60		24DC 230/50-60
Dimensions WxDxH	mm	590x470x1180	590x470x1400		590x470x1180		590x470x1400
Weight	kg	35	40		33		38

* Approximate value that depends on the type of powder and particle size.