

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/dm^3 .

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 CHARACTERISTICS

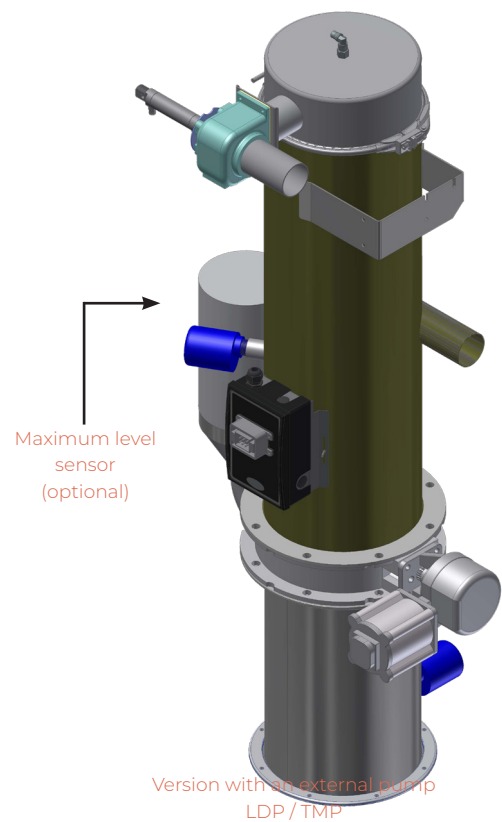
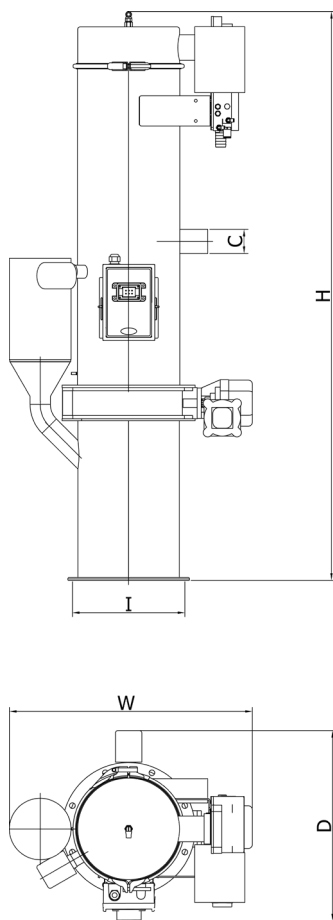
- High-efficiency compressed-air vacuum pump.
- Butterfly outlet valve.
- ASTM 304 stainless steel container.
- Antistatic polyester self-cleaning filter.
- Modular and compact structure.
- Control unit for monitoring operation.
- Compressed-air regulating kit.
- Suction probe and pipe.
- Paddle level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



Technical data

	Unit of measure	VLPM10/VLPD10	VLPM20/VLPD20
Suction capacity	Kg/h	300*	600*
Power	kW	1,5-3	3-5,5
Pump capacity (at 200 bar)	l	10	20
Compressed air pressure	bar	4-6	4-6
Compressed air consumption	kW	0,5	0,5
Noisiness	dB(A)	<80	<80
Material entry	mm	50	60
Voltage/frequency	V/Hz	400/50-60	400/50-60
Dimensions WxDxH	mm	590x470x1180	590x470x1400
Weight	kg	33	38

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