

Compressed Air Venturi Loaders

Venturi loaders use compressed air through a venturi to generate a vacuum to convey plastic granules.

Comet's VL venturi loaders series are simple, effective material conveying units using pressurized air (approximately 80 PSI) to create a vacuum for conveying plastic granules. The units are ideally suitable for conveying raw material directly to machine throat.

There are two models available:

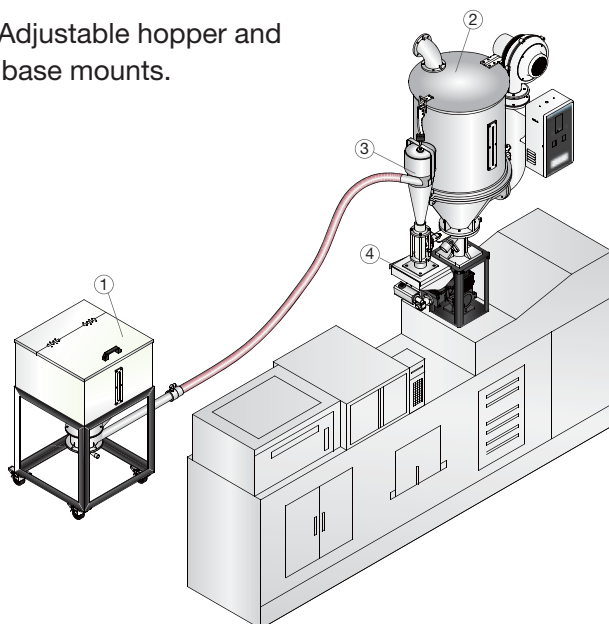
- **VL-50:** conveys up to 88 lbs/hr.
- **VL-100:** conveys up to 132 lbs/hr.

Standard Features

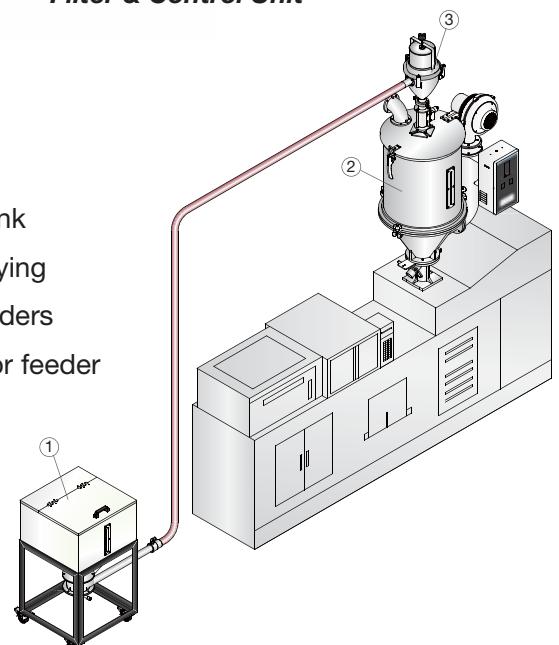
- Compact, light weight design ensures quick installation and easy operation.
- Stainless steel material hopper and base prevents material contamination.
- Environmentally friendly air exhaust filter.
- High pressure air conveys material ensuring quiet operation.
- Capacity sensor mounted on the glass tube for accurate level sensing.
- Compressed air filter and regulator eliminates moisture and maintains a steady air pressure.
- Easily access material hopper for convenient cleaning.
- Adjustable hopper and base mounts.



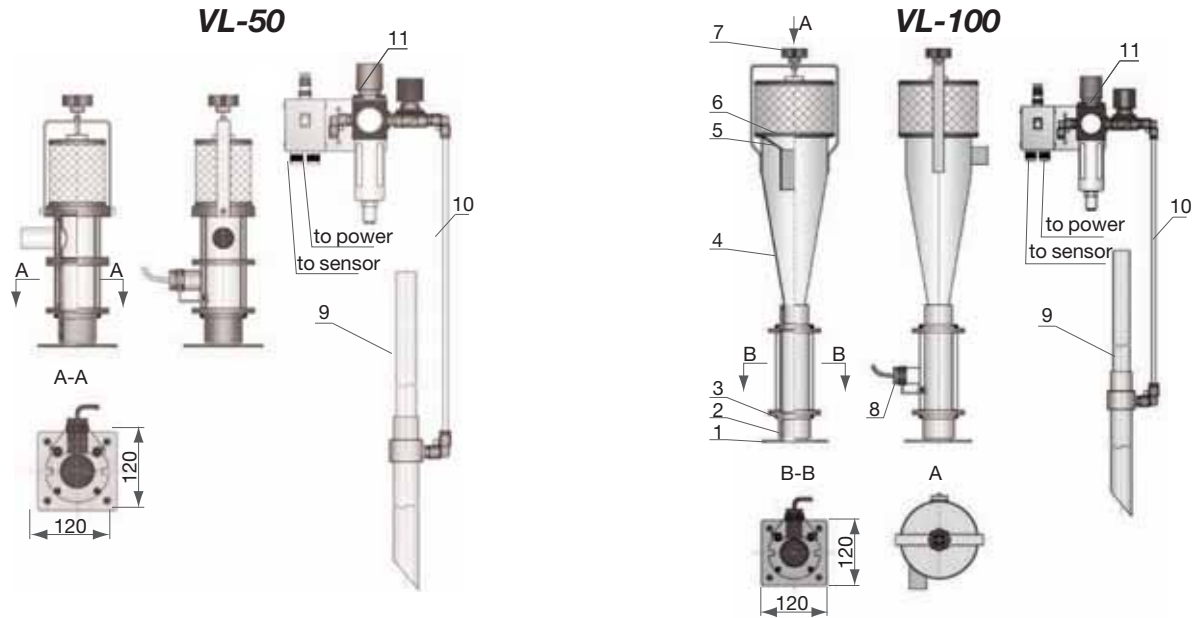
Filter & Control Unit



1. Material tank
2. Hopper drying
3. Venturi loaders
4. Single color feeder



Structure



- 1. Base
- 2. O-Ring
- 3. Flange Connecting Pole
- 4. Hopper

- 5. Material Flap
- 6. Air Filter
- 7. Fixing Knob
- 8. Sensor

- 9. Conveying Pipe
- 10. Air Pipe
- 11. Compressed Air Filter, Lubricator Cap & Regulator

Specifications

Model	Conveying Capacity (lb/hr)	Material Hopper (L)	Air Flow Rate (L/Hr)	Max. Conveying Distance (ft)	Conveying Pipe (inch)	Length of Suction (in)	Dimensions (in) (H x W x D)	Weight (lb)
VL-50	88	0.5	29,000	19.5	1.25	35.5	15 x 5.7 x 6	10
VL-100	132	2.8	43,500	19.5	1.25	35.5	28 x 6.5 x 6	15.5

Note: 1. Conveying capacity test condition:
 Plastic material: with bulk density 1.8 lb/L
 Diameter: 1.2" ~ .2"
 Vertical conveying height: 6.5 ft.
 Horizontal conveying distance: 3 ft.
 2. Power supply: 10, 115/230V, 50/60 Hz.

We reserve the right to change specifications without prior notice.

