



Venturi Loaders

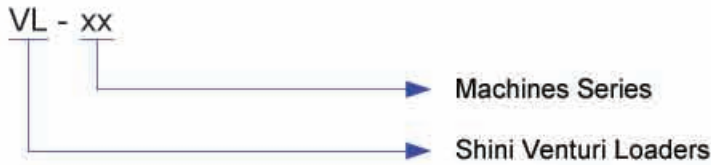


VL-100



Refer carefully to the manual before using products.

■ Coding Principle



■ Features

- European Type appearance , compact in size and light-weighted.
- Stainless steel made material hopper and base ensure no contamination of materials.
- Filtered air exhaust does not pollute environment.
- Silent operation, it uses high-pressure air to convey materials.
- Capacitive sensor mounted onto the glass-tube for accurate level sensing.
- Compressed air filter and regulator to eliminate moisture and maintain steady air pressure.
- Quick installation and easy operation with surface polished.
- Easy access to material hopper for convenient cleaning.
- Hopper and base mount positions adjustable.



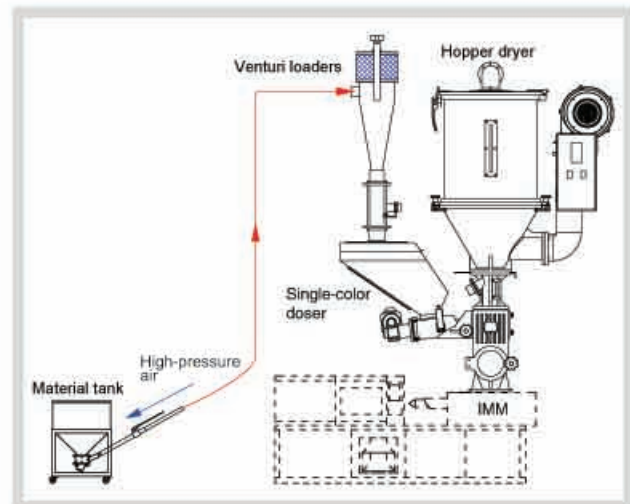
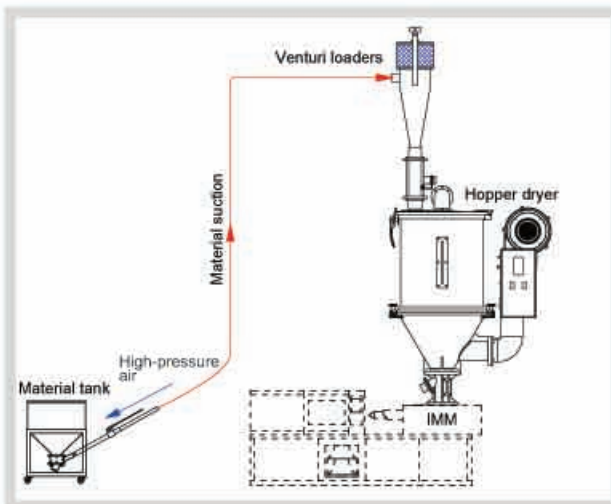
VL-50



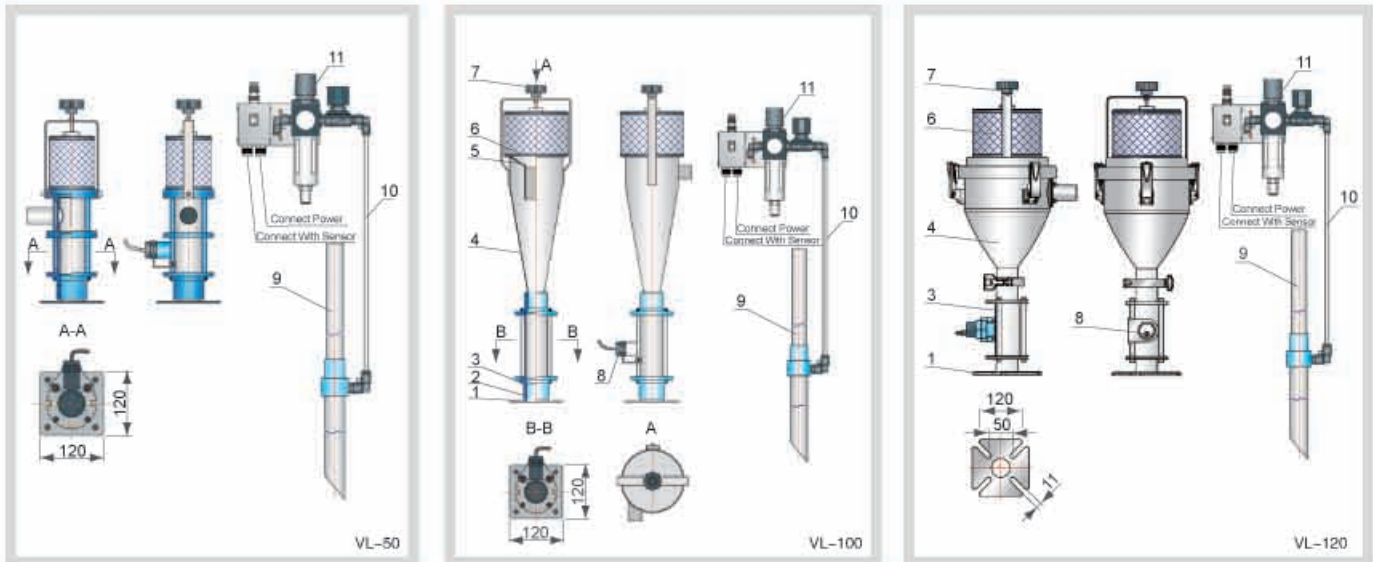
Filter and Control Units

■ Application

VL series venturi loaders use fast flowing pressurized air to create a vacuum that is used to convey various plastic granules. Air pressure is around 6~8kgf/cm².



■ 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 (kg/hr)	Material Hopper (L)	Air Flow Rate (L/hr)	Max. Conveying Distance (m)	Conveying Pipe (inch)	Length of Suction Pipe (mm)	Dimensions (mm) (H×W×D)	Weight (kg)
VL-50	40	0.5	29,000	6	1.25	900	380 × 145 × 150	4.5
VL-100	60	2.8	43,500	6	1.25	900	720 × 165 × 160	7
VL-120	80	3	58,000	6	1.25	900	630 × 240 × 280	7.5

- Note: 1) For hopper inside polished ones, add "P" at model behind.
2) Test condition of conveying capacity: Plastic material of bulk density 0.8kg/L, dia. 3~5 mm, vertical conveying height: 2m, horizontal conveying distance: 1m.
3) Power supply 1Φ, 115/230V, 50/60Hz.

We reserve the right to change specifications without prior notice.



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