



## Venturi Loader

VL-100



Refer carefully to the manual before operation.



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# VL Series

## ■ Coding Principle

VL - xx



## ■ Features

- Light-weight and compact design
- Exhaust air filter to reduce dust output
- Silent operation, it uses high-pressure air to convey materials
- Capacitive sensor mounted on the glass-tube for accurate level monitoring
- Compressed air filter and regulator to eliminate moisture and maintain stable air pressure;
- Easy access to material hopper for convenient cleaning

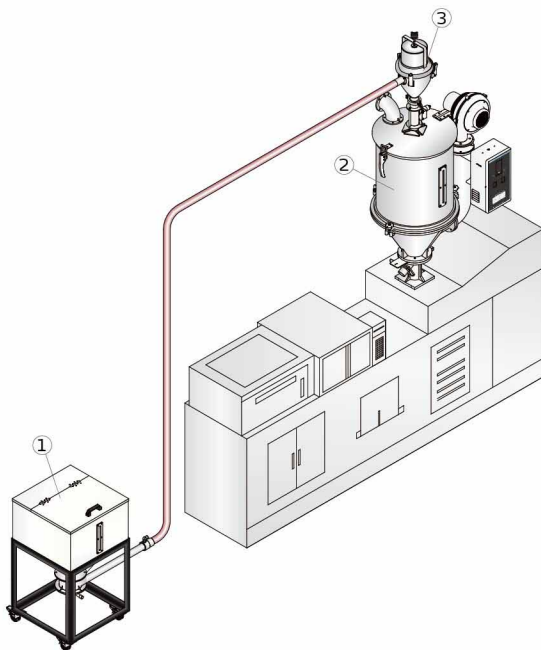


VL-50

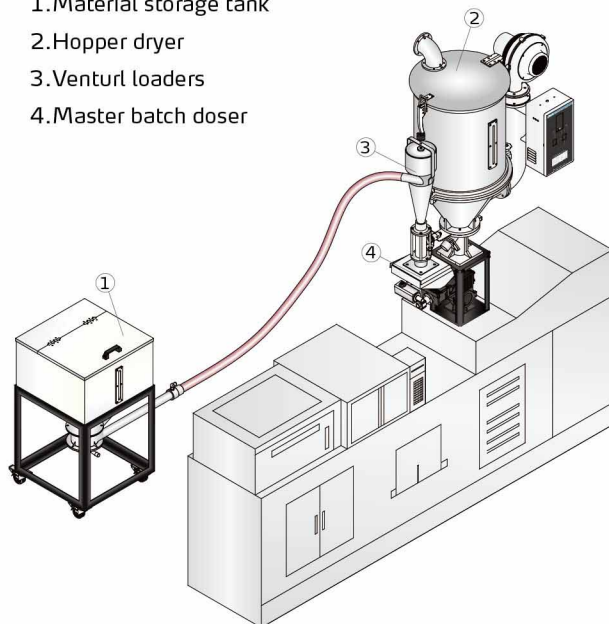


Filter and Control Units

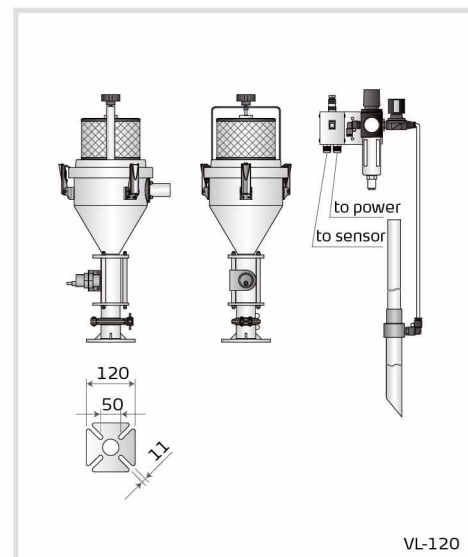
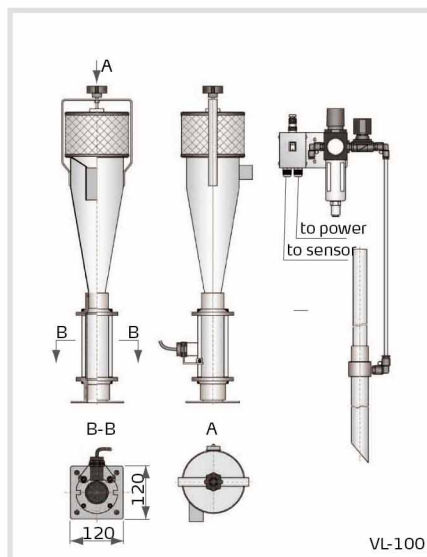
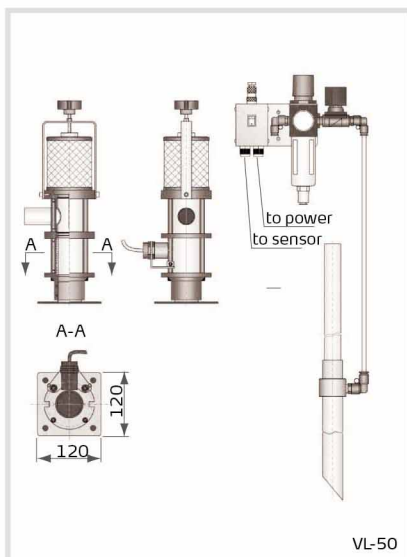
## ■ Application



1. Material storage tank
2. Hopper dryer
3. Venturi loaders
4. Master batch doser



## Structure



## Specifications

| Model                                 |        | VL-50           | VL-100           | VL-120          |
|---------------------------------------|--------|-----------------|------------------|-----------------|
| Conveying Capacity                    | kg/hr  | 40              | 60               | 80              |
|                                       | lb/hr  | 88              | 132              | 176             |
| Material Hopper                       | L      | 0.5             | 2.8              | 3               |
|                                       | gal    | 0.13            | 0.74             | 0.79            |
| Air Flow                              | L/hr   | 6,000           | 6,000            | 6,000           |
|                                       | gal/hr | 1,585           | 1,585            | 1,585           |
| Compressed Air (kgf/cm <sup>2</sup> ) |        | 6.0             | 6.0              | 6.0             |
| Max. conveying distance               | m      | 6               | 6                | 6               |
|                                       | inch   | 236             | 236              | 236             |
| Conveying Pipe (inch)                 |        | 1.25            | 1.25             | 1.25            |
| Length (L)                            | mm     | 900             | 900              | 900             |
|                                       | inch   | 35              | 35               | 35              |
| Dimension (H×W×D)                     | mm     | 380 × 145 × 150 | 720 × 165 × 160  | 630 × 240 × 280 |
|                                       | inch   | 15 × 5.7 × 5.9  | 28.3 × 6.5 × 6.3 | 24.8 × 9.4 × 11 |
| Weight                                | kg     | 4.5             | 7                | 7.5             |
|                                       | lb     | 9.9             | 15.4             | 16.5            |

Notes: 1) Test condition of conveying capacity: Plastic material of bulk density 0.8kg/L(6.7lb/gal), dia. 3~5 mm/0.12~0.2inch, vertical conveying height: 2m/79inch, horizontal conveying distance: 1m/39inch.  
2) Power supply 1Φ, 115/230V, 50/60Hz.

We reserve the right to change specifications without prior notice.

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