



SAL-U Series Hopper Loader

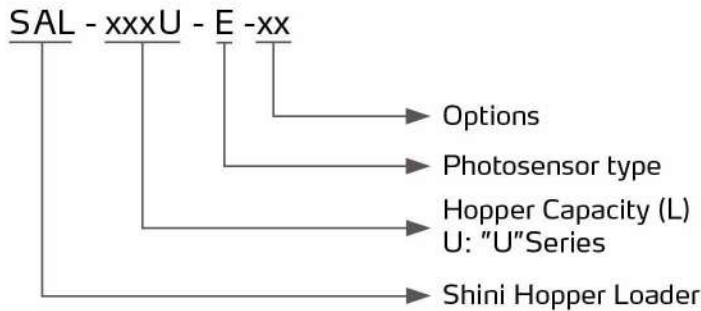
SAL-6U



Refer carefully to the manual before operation.

SAL-U Series

Coding Principle



SAL-1U

Features

- Compact and lightweight, and the high-speed carbon brush motor easy installation and superior vacuum.
- User-friendly extended wire controller. All models equipped with auto-purge function and a cloth filter.
- Preventive service alert for motor's carbon brush.
- Controller build-in proportional valve SPV-U control function.
- Left and right 360-degree base mounting.
- All models equipped with auto-purge function, a cloth filter, and purge alarm.

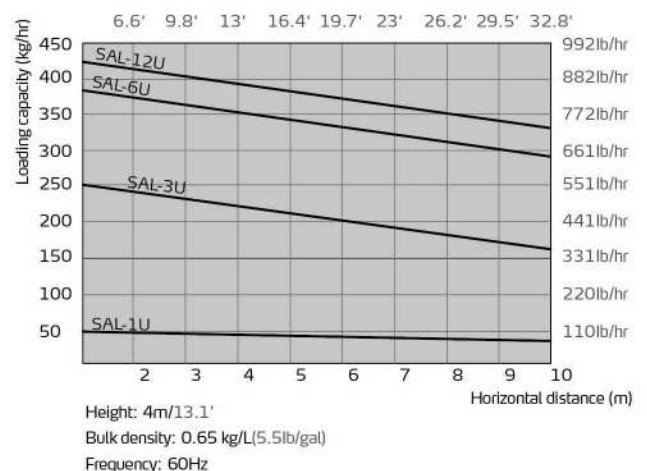
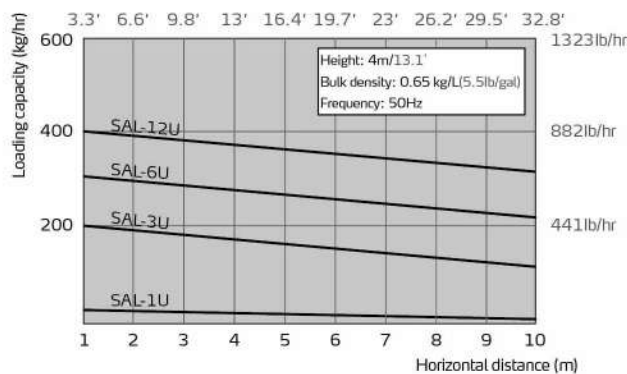


Air Accumulator

Options

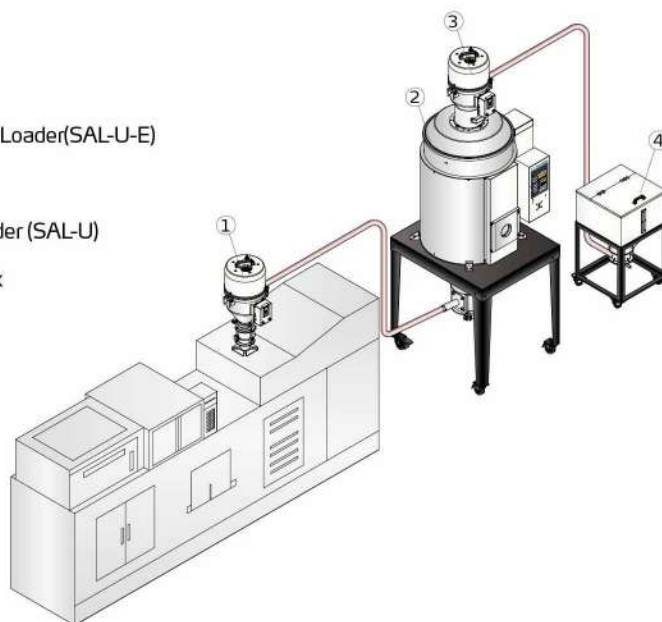
- Optional air accumulator for max auto-purge function (available on 6U/12U only). Add "A" at the end of the model code.
- Optional enhanced mixing technology for proportional valve SPV-U application. Add "QM" at the end of the model code.
- Optional internal polished hopper loader. Add "P" at the end of the model code.

Conveying Capacity

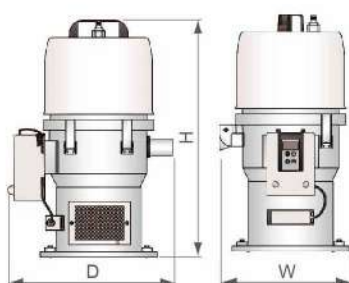


Application

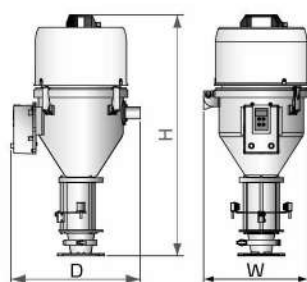
1. Photosensor Hopper Loader(SAL-U-E)
2. Hopper dryer
3. Vacuum Hopper Loader (SAL-U)
4. Material storage tank



Outline Drawings



SAL-U



SAL-U-E

Specifications

| Model | | | SAL-1U | SAL-3U | SAL-6U | SAL-12U | SAL-1U-E | SAL-3U-E | SAL-6U-E | SAL-12U-E |
|----------------------------|-------|------|--------------|-----------|--------|---------|----------|-----------|-----------|-----------|
| Motor Type | | | Carbon brush | | | | | | | |
| Motor Power (kW, 50/60Hz) | | | 0.46/0.53 | 1.15/1.32 | | | | 0.46/0.53 | 1.15/1.32 | |
| Conveying Pipe Dia. (inch) | | | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| Conveying Capacity | kg/hr | 30 | 200 | 300 | 400 | 30 | 200 | 300 | 400 | |
| | lb/hr | 66 | 441 | 661 | 882 | 66 | 441 | 661 | 882 | |
| Hopper Capacity | L | 1 | 3 | 6 | 12 | 1.5 | 3 | 6 | 12 | |
| | gal | 0.26 | 0.79 | 1.59 | 3.17 | 0.4 | 0.79 | 1.59 | 3.17 | |
| Hinge Hopper Cover | | ● | ● | ● | ● | ● | ● | ● | ● | |
| Compress Air Purge | | ● | ● | ● | ● | ● | ● | ● | ● | |
| Air Accumulator | | - | - | ○ | ○ | - | - | ○ | ○ | |
| Dimension | H | mm | 525 | 555 | 645 | 745 | 630 | 740 | 800 | 940 |
| | | inch | 20.7 | 21.8 | 25.4 | 29.3 | 24.8 | 29.1 | 31.5 | 37 |
| | W | mm | 240 | 305 | 340 | 340 | 270 | 305 | 340 | 340 |
| | | inch | 9.5 | 12 | 13.4 | 13.4 | 10.5 | 12 | 13.4 | 13.4 |
| | D | mm | 325 | 370 | 410 | 410 | 325 | 370 | 410 | 410 |
| | | inch | 12.8 | 14.6 | 16.1 | 16.1 | 12.8 | 14.6 | 16.1 | 16.1 |
| Weight | kg | 10 | 11 | 12 | 14 | 11 | 13 | 16 | 18 | |
| | lb | 22 | 24.3 | 26.5 | 30.9 | 24.3 | 28.7 | 35.3 | 39.7 | |

Notes:1) Test condition of conveying capacity: plastic material of bulk density 0.65kg/L(5.5lb/gal), dia. 3~5mm/0.12~0.2inch, vertical conveying height: 4m/13.1Feet, horizontal conveying distance: 1m/3.28Feet.

2) Compressed air supply: 4~6kgf/cm².

2) "●" stands for standard, "○" stands for options, "-" stands for none.

4) Power Supply: 1Φ, 115/230VAC, 50/60Hz

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