SAL-U Series Hopper Loader

SAL-6U

Refer carefully to the manual before operation.

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SAL-U Series

Coding Principle

SAL - xxxU - E -xx

- xx → Options
- E → Photosensor type
- xxxU → Hopper Capacity (L) U: "U"Series
- SAL → Shini Hopper Loader

SAL-1U

Features

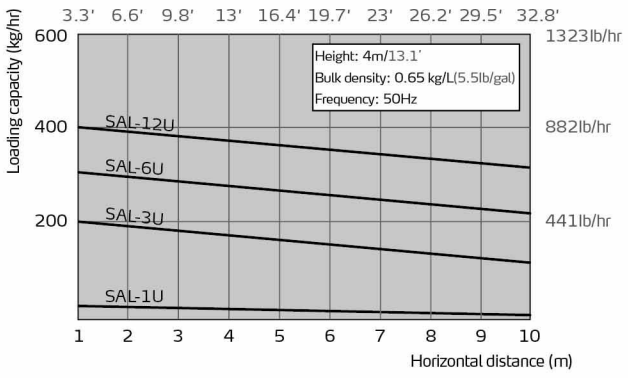
- Compact and lightweight, and the high-speed carbon brush motor easy installation and superior vacuum.
- User-friendly extended wire controller. All models equipped with auto-purge function and a cloth filter.
- Preventive service alert for motor's carbon brush.
- Controller build-in proportional valve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

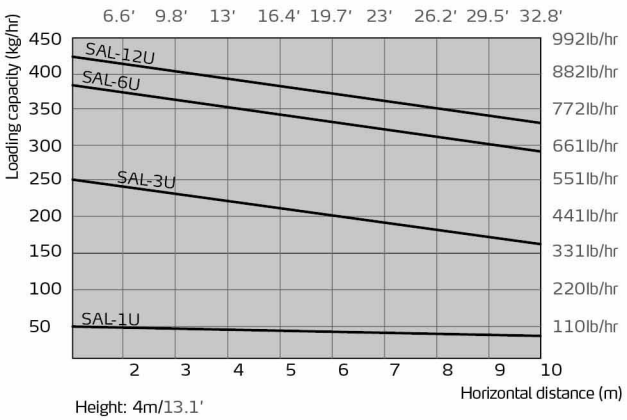
Air Accumulator

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





Height: 4m/13.1'
Bulk density: 0.65 kg/L(5.5lb/gal)
Frequency: 60Hz

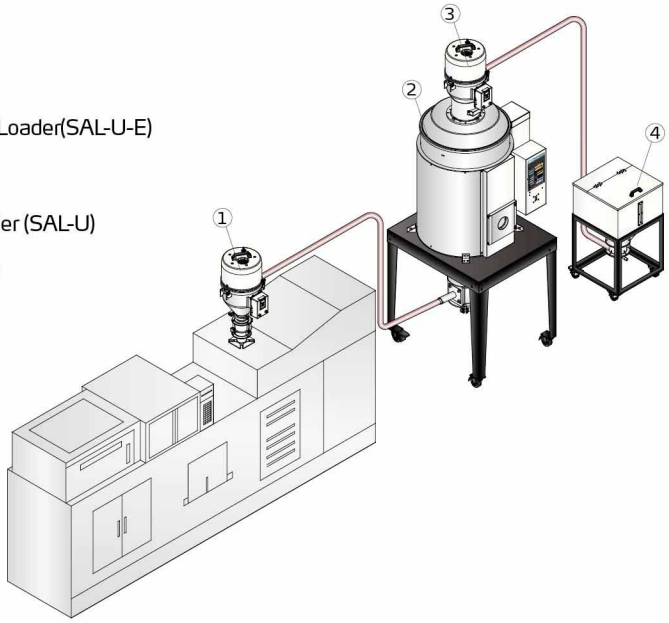
Application

1.Photosensor Hopper Loader(SAL-U-E)

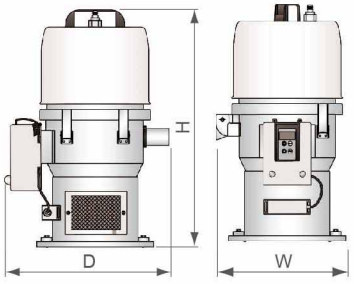
2.Hopper dryer

3.Vaccum Hopper Loader (SAL-U)

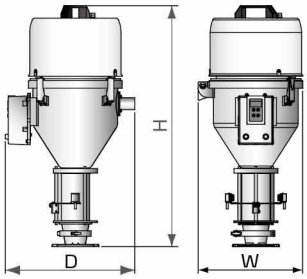
4.Material storage tank



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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