



SAL-U Series Hopper Loader

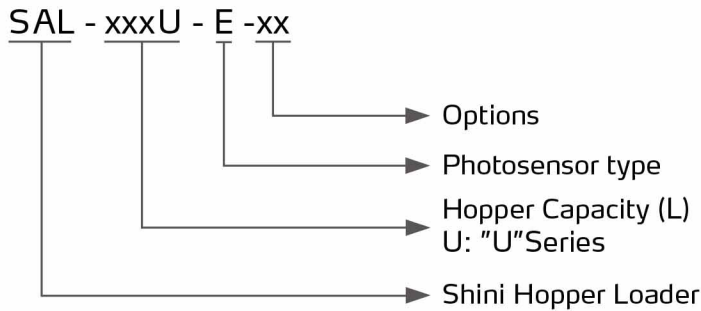
SAL-6U



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.

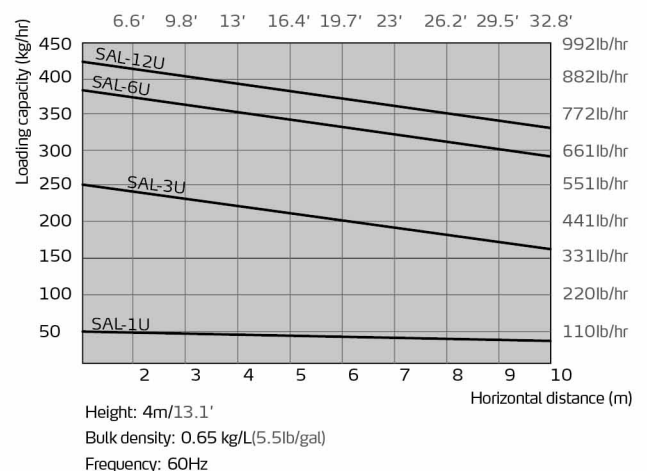
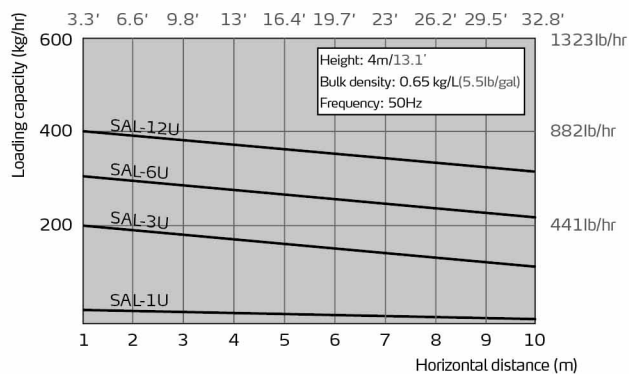


Air Accumulator

Options

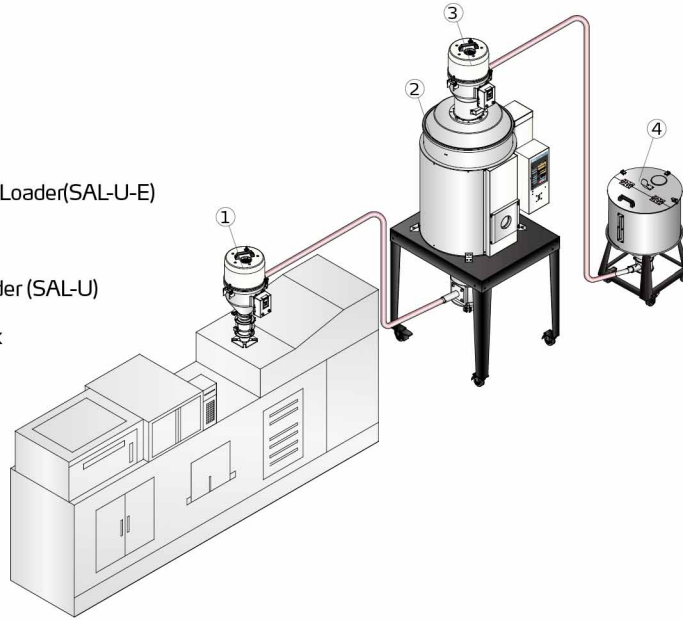
- Optional air accumulator for max auto-purge function (available on 6U/12U only). Add "A" at the end of the model code.
- Optional enhanced mixing technology for proportional valve SPV-U application. Add "QM" at the end of the model code.
- Optional internal polished hopper loader. Add "P" at the end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

Conveying Capacity

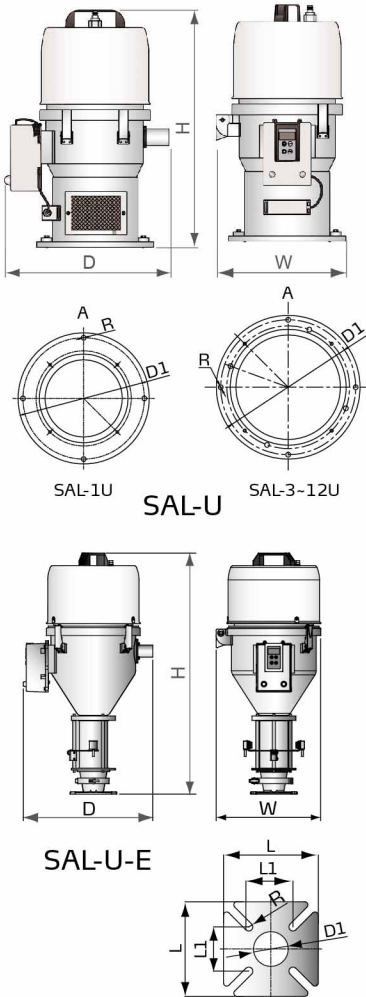


Application

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



Outline Drawings



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 (50/60Hz)	kg/hr	30/50	200/250	300/383	400/425	30/50	200/250	300/383
	lb/hr	66/110	441/551	661/845	882/937	66/110	441/551	661/845
Hopper Capacity	L	1	3	6	12	1.5	3	6
	gal	0.26	0.79	1.59	3.17	0.4	0.79	1.59
Hinge Hopper Cover	●	●	●	●	●	●	●	●
Compress Air Purge	●	●	●	●	●	●	●	●
Air Accumulator	-	-	○	○	-	-	○	○
Dimension	H	mm	525	555	645	745	630	740
		inch	20.7	21.8	25.4	29.3	24.8	29.1
	W	mm	240	305	340	340	270	305
		inch	9.5	12	13.4	13.4	10.5	12
	D	mm	325	370	410	410	325	370
		inch	12.8	14.6	16.1	16.1	12.8	14.6
	D1	mm	Φ231.5	Φ254.6	Φ254.6	Φ254.6	Φ40	Φ40
		inch	Φ9.1	Φ10	Φ10	Φ10	Φ1.57	Φ1.57
	L	mm	-	-	-	-	120	120
		inch	-	-	-	-	4.72	4.72
	L1	mm	-	-	-	-	50	50
		inch	-	-	-	-	1.97	1.97
	R	mm	4xΦ9EQS			6.5	6.5	6.5
		inch	4xΦ0.35EQS			0.256	0.256	0.256
Weight		kg	10	11	12	14	11	13
		lb	22	24.3	26.5	30.9	24.3	28.7

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.

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

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

Shini Group

Addr: No. 23, Minhe St., Shulin Dist.,
New Taipei, Taiwan

Tel: +886 2 2680 9119

Fax: +886 2 2680 9229

Email: shini@shini.com

Factories:

- Taiwan
- Dongguan
- Pinghu
- Ningbo
- Chongqing
- Pune