



SAL-U Series Hopper Loader

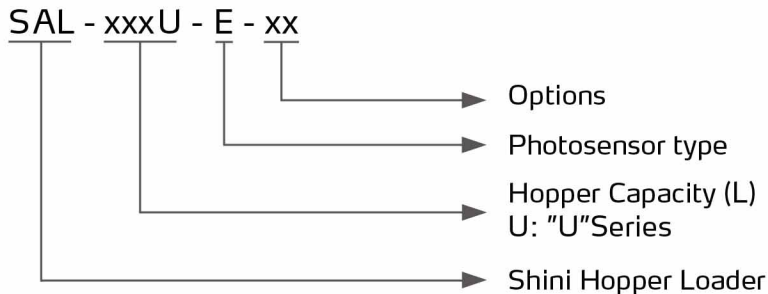
SAL-6U



Refer carefully to the manual before operation.

SAL-U Series

■ Coding Principle



SAL-1U

■ Features

- SAL-1U~SAL-12U (- E) adopts high-speed and compact carbon brush motor with large airflow that makes it easy to move and install the machine.
- The controller has independent mixing and shut-off output function, which can directly control the proportional valve SPV-U and shut-off valve SBU.
- Freely adjustable hopper and base .
- LCD displayer and microcomputer controller give intuitive status display and easy operation.
- Equipped with RS485 interface allows for better monitoring and displaying of on-site production status.
- SAL-U adopts reed switch, and SAL-U-E adopts photosensor switch detection to ensure sensitive induction and stable quality.
- All models equipped with hinge hopper cover for convenient filter screen cleaning.
- SAL-U series are equipped with cloth filter and auto-purging device to reduce the number of machine cleanings.
- Equipped with online switch, allowing for convenient machine operation when it is mounted at high places.
- The neon light strip provides clear and intuitive machine status: (red) in alarming, (green) in running, (yellow) in standby.



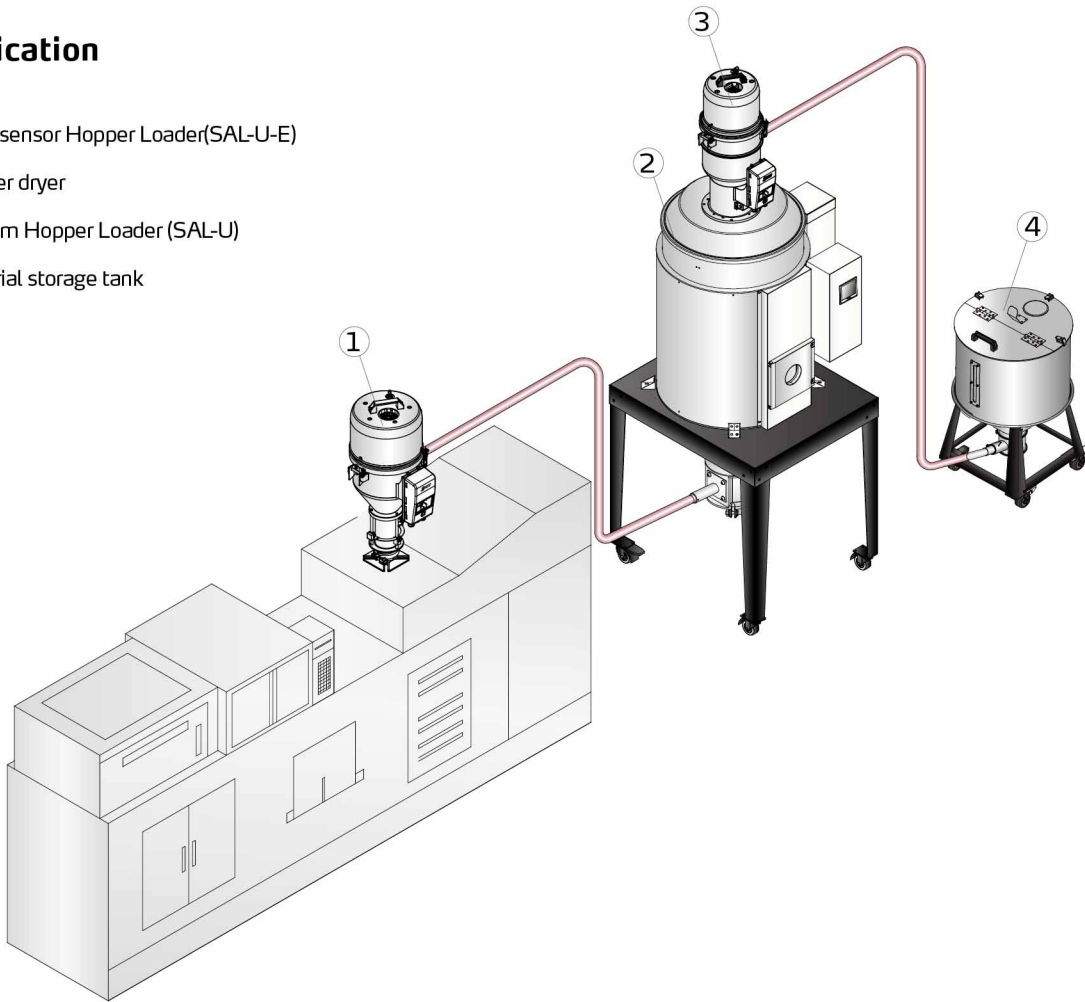
Air Accumulator

■ Options

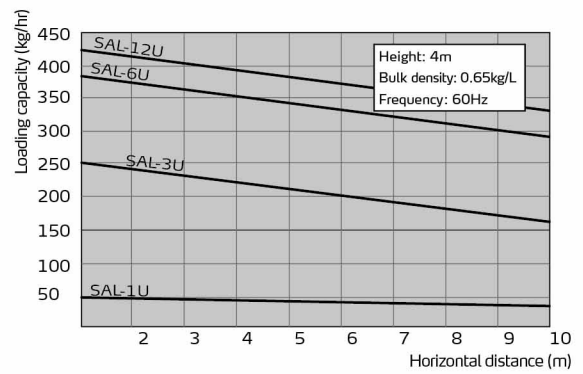
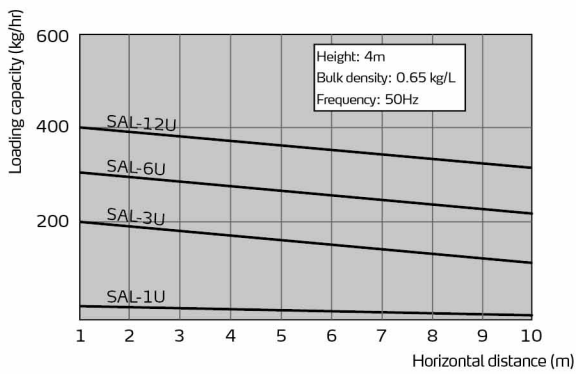
- Optional air accumulator for max auto-purge function (available on 6U/12U only). Add "A" at the end of the model code.
- Optional enhanced mixing technology for proportional valve SPV-U application. Add "QM" at the end of the model code.
- Optional internal polished hopper loader. Add "P" at the end of the model code.
- Transparent glass tube is optional for SAL-12U to observe the production status directly, and add "V" at the end of the model code.

Application

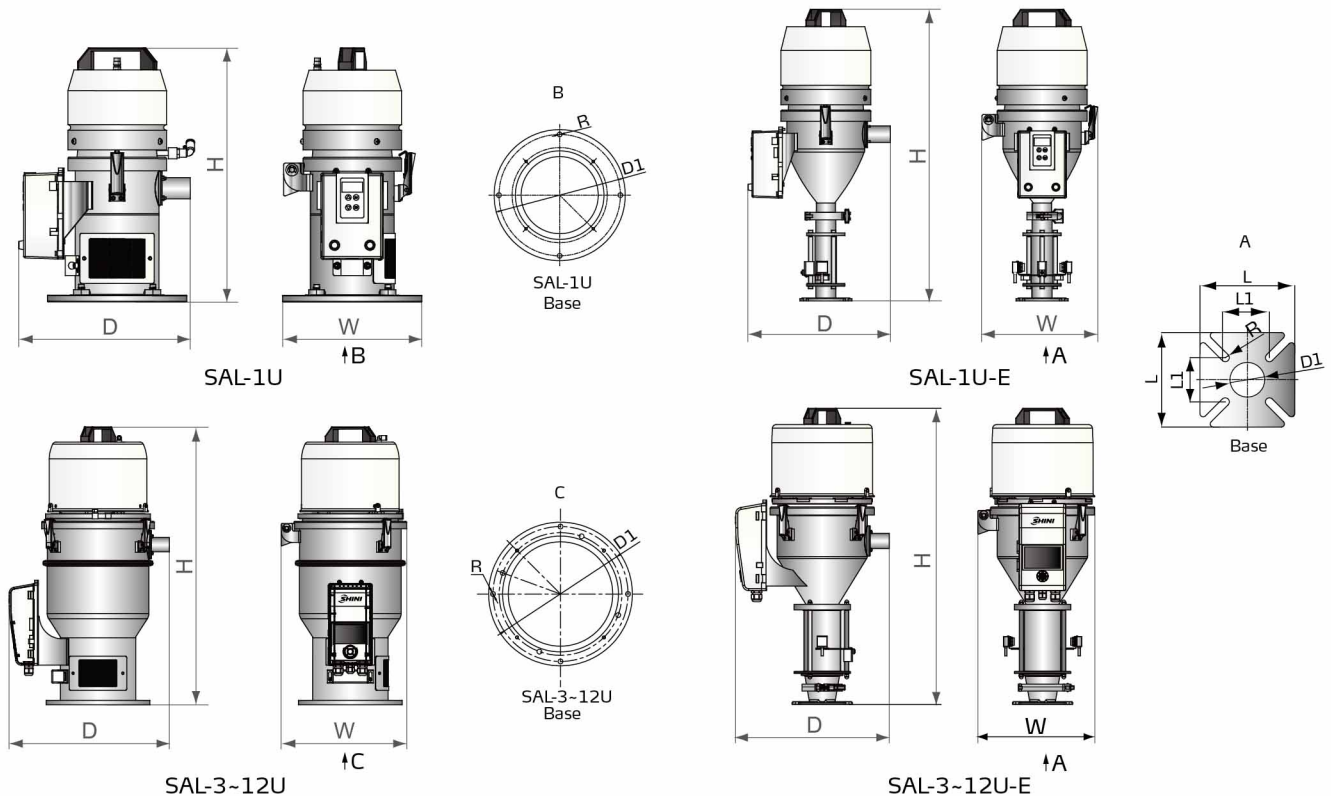
1. Photosensor Hopper Loader(SAL-U-E)
2. Hopper dryer
3. Vacuum Hopper Loader (SAL-U)
4. Material storage tank



Conveying Capacity



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	1.15/1.32	1.15/1.32	0.46/0.53	1.15/1.32	1.15/1.32	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	400/425	
Hopper Capacity(L)	1	3	6	12	1.5	3	6	12	
Hinge Hopper Cover	●	●	●	●	●	●	●	●	
Compress Air Purge	●	●	●	●	●	●	●	●	
Air Accumulator	—	—	○	○	—	—	○	○	
Dimension	H(mm)	460	555	620	741	640	730	780	923
	W(mm)	240	305	340	340	270	305	340	340
	D(mm)	320	380	430	425	335	385	420	420
	D1(mm)	φ231.5	φ254.6	φ254.6	φ254.6	φ40	φ40	φ55	φ55
	L(mm)	—	—	—	—	120	120	150	180
	L1(mm)	—	—	—	—	50	50	70	80
	R(mm)	4xφ9EQS	4xφ9EQS	4xφ9EQS	4xφ9EQS	6.5	6.5	6.5	6.5
Weight (kg)	10	11	12	14	11	13	16	18	

Notes:1) Test condition of conveying capacity: plastic material of bulk density 0.65kg/L, dia. 3~5mm, vertical conveying height: 4m/, horizontal conveying distance: 1m.

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

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