



Feeding & Conveying

Standard Self-contained Hopper Loader SAL



SAL-360

SAL Series

■ Coding Principle



■ Features

- Stainless steel hopper, motor overload protective device.
- All the machines are equipped with hinged hopper lid except SAL-430 and SAL-460.
- All the machines are equipped with auto reverse cleaning kit and cloth mesh filter except SAL-430 and SAL-460.
- SAL-430/460 has standard cloth mesh filter and motor reverse cleaning function.



SAL-460



Control Panel

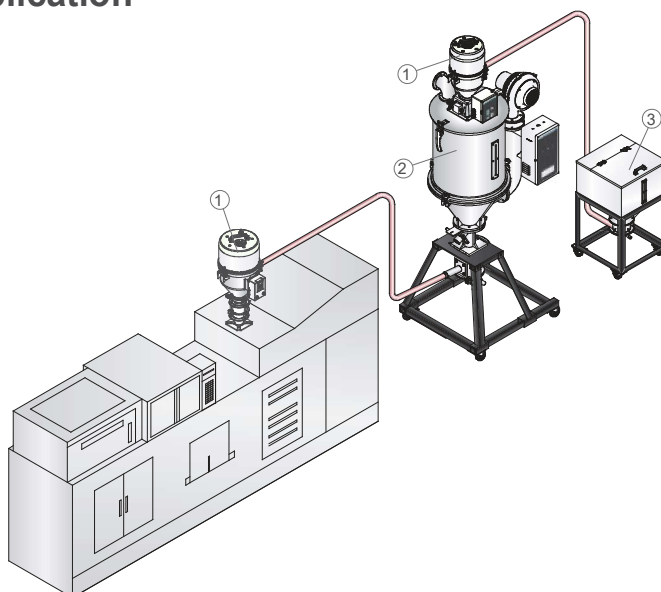


Reverse Cleaning Kit
(SAL-330/360)



Cloth Filter

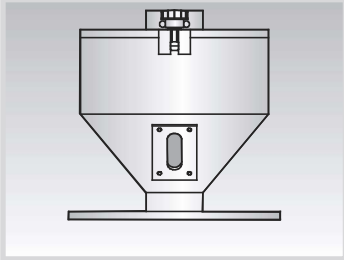
■ Application



1. Auto loader
2. "Standard" hopper dryer
3. Material tank

Options

SCH-6L



For temporary storage of material, SCH-6L storage hopper is available for SAL-330/360.

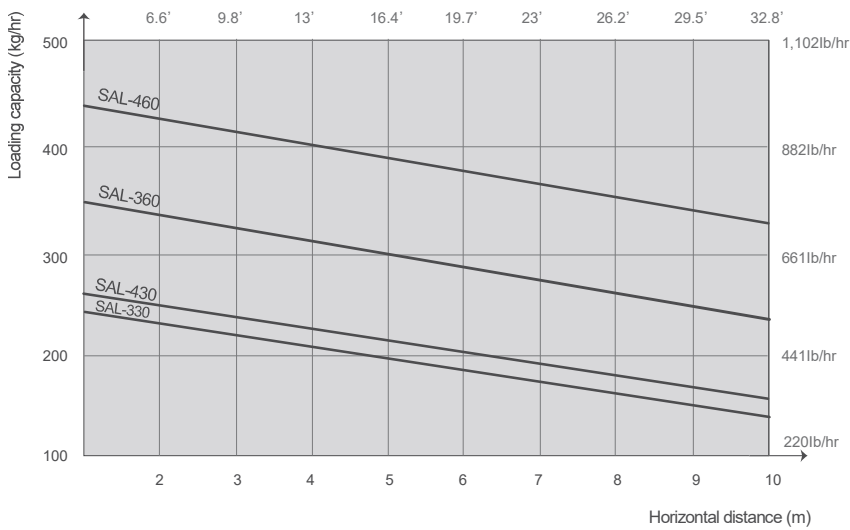
SPV-U



SPV-U is an option for all models (Including control cabinet).

- Buzzer is optional .Add "B" at the end of model code.
- Manual control switch is optional to deal with conditions that power supply is hard to manage when machine is installed at higher places. Add "RS"at the end of model code.
- Quick mixing valve can be opted to work with proportional valve to enhance mixing effect. Add "QM"at the end of model code.
- For polished hopper inside ones, add "P" at the end of the model code.

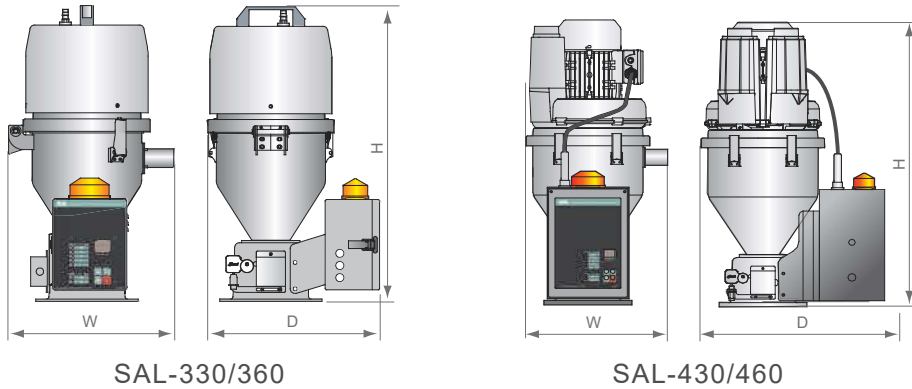
Loading Capacity



Height: 4m/157"
Bulk density: 0.65 kg/L(5.5lb/gal)
Frequency: 60Hz

SAL Series

Outline Drawings



Specifications

Model		SAL-330	SAL-360	SAL-430	SAL-460	
Blower Type		Carbon brush	Carbon brush	Inductive	Inductive	
Motor Power (kW, 50/60Hz)		1.15/1.32	1.15/1.32	0.37/0.42	0.75/0.85	
Conveying Pipe Dia. (inch)		1.5	1.5	1.5	1.5	
Conveying Capacity (60Hz)	kg/hr	200	300	200	300	
	lb/hr	441	661	441	661	
Hopper Capacity	L	3	6	3	6	
	gal	0.8	1.6	0.8	1.6	
Input Voltage		1Φ, 115/230VAC, 50/60Hz		3Φ, 230/400/460/575VAC, 50/60Hz		
Material Level Control		Microswitch	Microswitch	Microswitch		
Auto-Cleaning Function		Standard				
Cloth Filter		Standard				
Dimensions	H	mm	610	670	660	735
		inch	24	26.4	26	28.9
	W	mm	345	385	310	350
		inch	13.6	15.2	12.2	13.8
	D	mm	355	380	430	455
		inch	14	15	16.9	17.9
Weight	kg	13	14	23	26	
	lb	28.7	30.9	50.7	57.3	

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

We reserve the right to change specifications without prior notice.

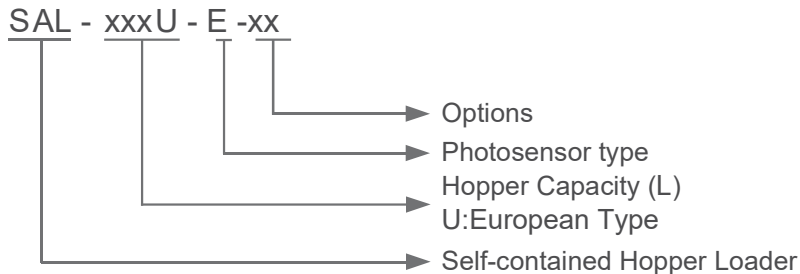
Self-contained Hopper Loader



SAL-6U

SAL-U Series

Coding Principle



Features

- SAL-1U~SAL-12U (-E) adopt carbon brush motor with fast rotating speed and large air quantity while maintain compact appearance, easy for movement and installation.
Wire-control controller is convenient to use with automatic cleaning function.
- Equipped with motor soft start function and carbon brush consumption prompt (except for three-phase motor).
- Wire connection point for SPV-U.
- Hopper and base mount positions are adjustable.
- Differential pressure switch is applied and screener blockage alarm is available (Applicable to SAL-1U~12U (E)).
- SAL-U has a reed switch, while SAL-U-E adopts photosensor switch with high sensitivity and stable quality.
- All models equipped with hinged hopper lid that are connected by hinge for easy mesh cleaning.
- SAL-3U and above model has an outer dia. $\Phi 275\text{mm}/\Phi 10.8\text{''}$ base, which can work with all "European type" hopper dryers except SHD-20U and all "Standard" hopper dryers above SHD-75.
- SAL-1U has an outer dia. $\Phi 200\text{mm}/\Phi 7.9\text{inch}$ base, transitional flange must be mounted when this series works with SHD-20U/40U.
- All SAL-U series have cloth mesh filter and auto-spraying dust cleaner as standard equipments.



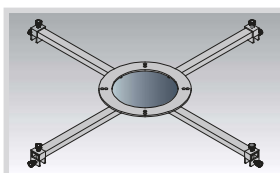
SAL-1U



Air Accumulator

Options

HMB-900



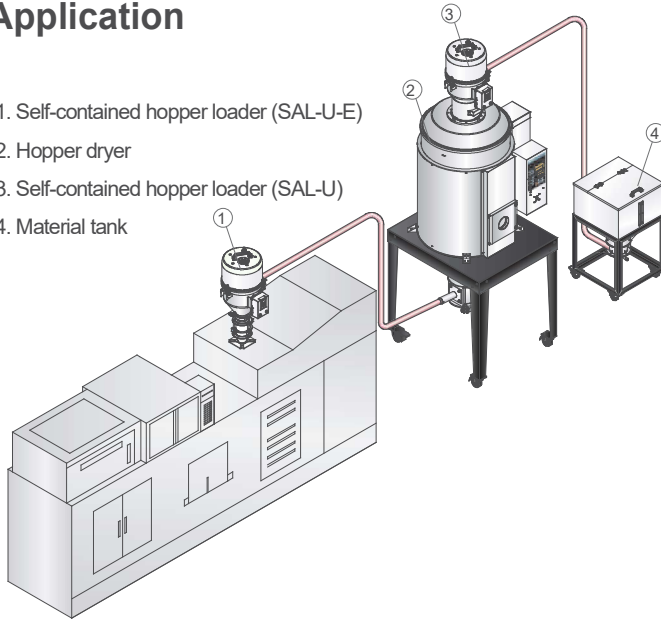
Optionally provide multi-functional installation frame HMB with 900mm/35.4inch largest dia. adjusting range for selection.

add "HMB" at the end of the model code.

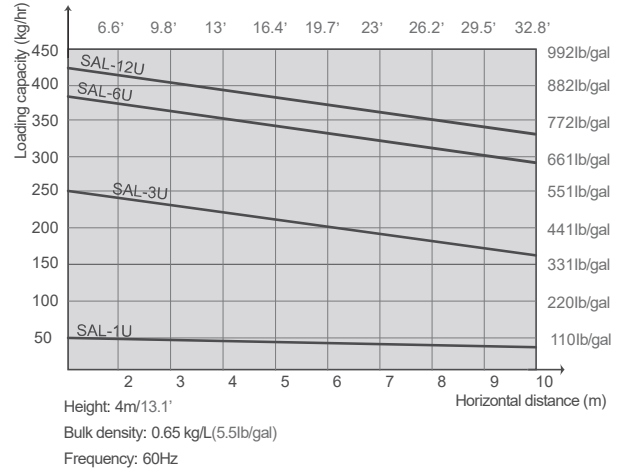
- Standard Collective Hopper SCH-6U/12U/24U and Euro Insulation Collective Hopper SICH-6U/12U/24U are optional(material temperature decreasing range is not higher than $30^{\circ}\text{C}/54^{\circ}\text{F}$ within 30 minutes);add this collective hopper at bottom of the magnetic-proximity switch hopper can be directly mounted on the injection molding machine.
- Reinforcing auto cleaning of air accumulator is optional (Applicable to SAL-6U/12U).Add "A" at the end of the model code.
- Quick mixing valve can be opted to work with proportional valve to enhance mixing effect.Add "QM" at the end of the model code.
- For polished hopper inside,add "P" at the end of the model code.

Application

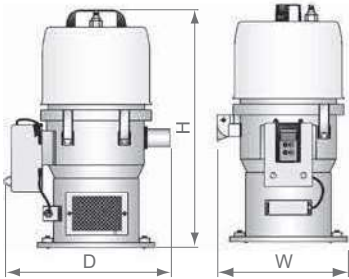
1. Self-contained hopper loader (SAL-U-E)
2. Hopper dryer
3. Self-contained hopper loader (SAL-U)
4. Material tank



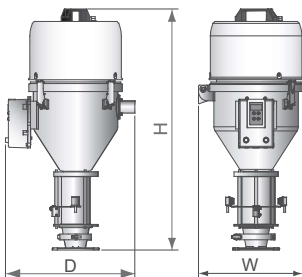
Loading Capacity



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	
	lb/hr	66	441	661	882	66	441	661	
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	
Power Supply	1φ, 115/230VAC, 50/60Hz								
Auto-cleaning Function	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Air accumulator	-	-	Optional	Optional	-	-	Optional	Optional	
Dimension	H	mm	525	555	645	745	630	740	800
		inch	20.7	21.8	25.4	29.3	24.8	29.1	31.5
	W	mm	240	305	340	340	270	305	340
		inch	9.5	12	13.4	13.4	10.5	12	13.4
	D	mm	325	370	410	410	325	370	410
		inch	12.8	14.6	16.1	16.1	12.8	14.6	16.1
	Weight	kg	10	11	12	14	11	13	16
		lb	22	24.3	26.5	30.9	24.3	28.7	35.3

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.

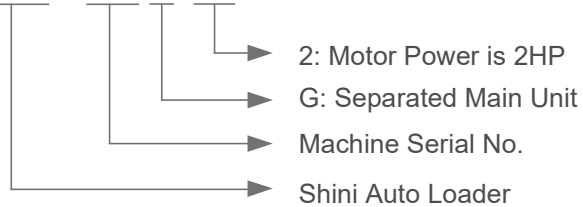
Standard Separate-vacuum Hopper Loader



SAL-810G&SMH-6L

Coding Principle

SAL - xxx G (2)



SAL-810G & SVH-6L

Features

- Microprocessor for ease of use and has multiple alarm indicators.
- Motor overload protector ensures long service life of motor.
- Audible material shortage alarm.
- Filter designed for easy cleaning and has filter status checking window for easier monitor of filter condition.
- SAL-700G/810G/820G/830G is equiped with RS485 communication interface.

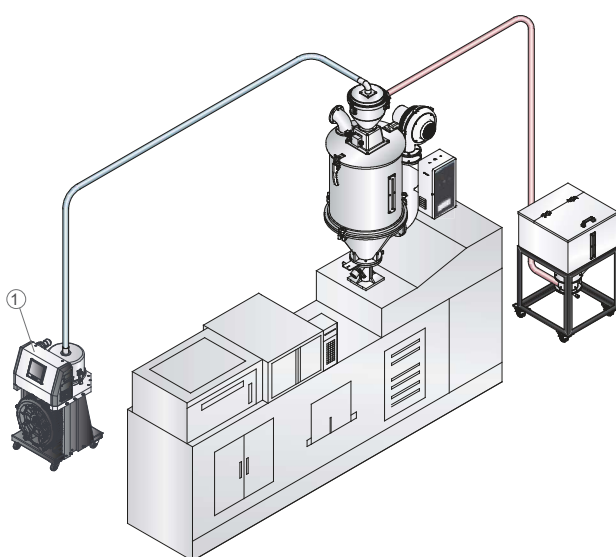


Control Panel
SAL-700g/810G



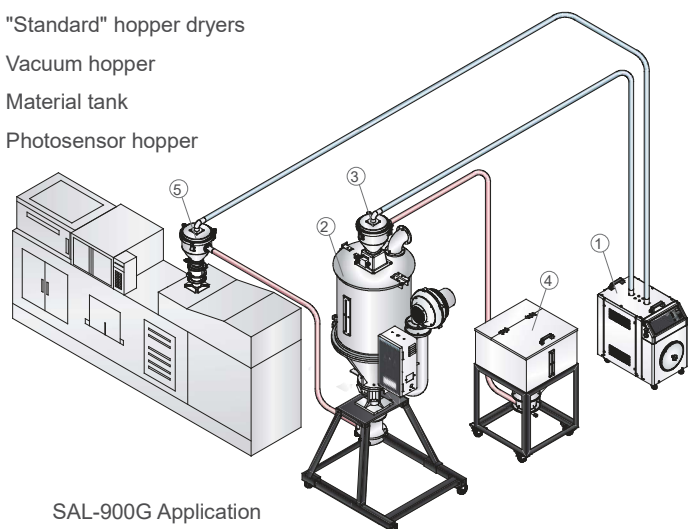
Control Panel
SAL-900G

Application



SAL-800G Application

1. Vacuum loader
2. "Standard" hopper dryers
3. Vacuum hopper
4. Material tank
5. Photosensor hopper

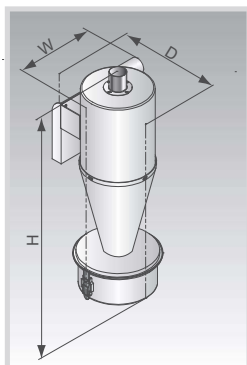


SAL-900G Application
(Two-stage Conveying)

SAL-G

Options

ACF

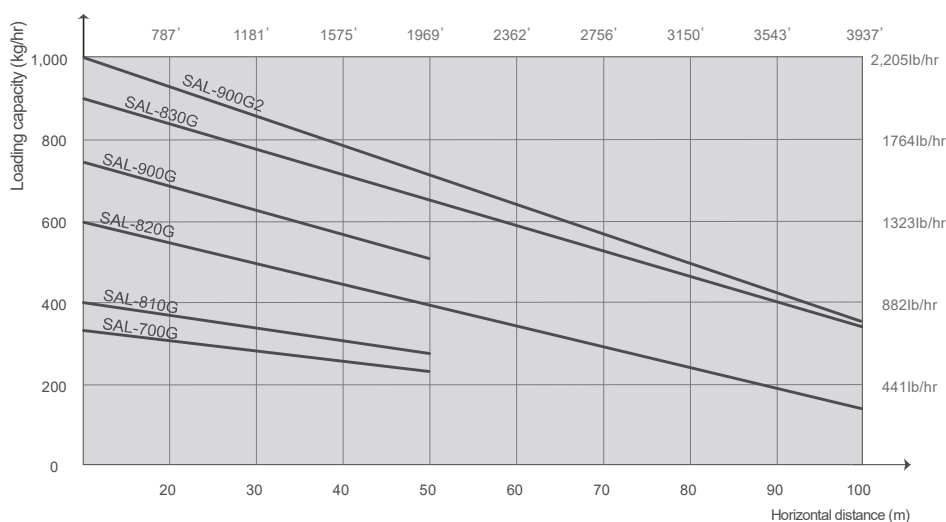


It is suggested to opt cyclone dust collector to reduce cleaning times of filter when regrind material occupies over 30% of total raw material.

Model		Capacity (H×W×D)	Pipe diameter (inch)
ACF-1	mm	550×220×235	1.5
	inch	21.7×8.7×9.3	
ACF-2	mm	550×220×235	2.0
	inch	21.7×8.7×9.3	

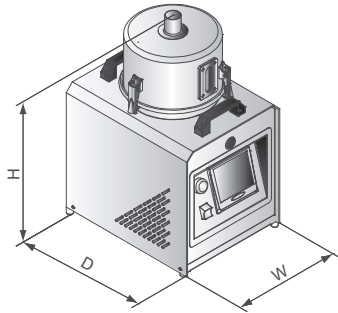
- For SHR, SCH-6U/12U/24U and SICH-6U/12U/24U are optional (Temperature reduction is below 30°C within 30min).
- SPV-U (control box is included) is optional.
- Proportional valve SPV-U (control cabinet is optional) is available, which is adopted to mix virgin and regrind materials, as well as instantly recycle regrind material.
- For polished hopper inside ones, add "P" at the end of model code.

Loading Capacity

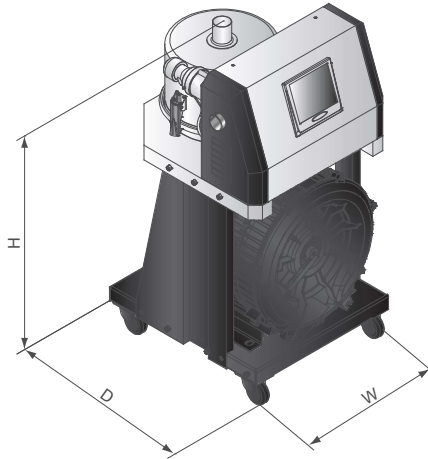


Height: 4m/13.1'
 Bulk density: 0.65 kg/L(5.5lb/gal)
 Frequency: 60Hz

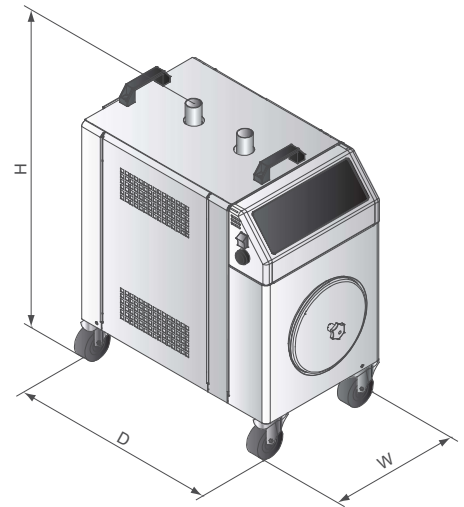
Outline Drawings



SAL-700G (Main Unit)



SAL-810G/820G/830G (Main Unit)



SAL-900G/900G2 (Main Unit)

Specifications

Main Unit							Hopper Receiver				Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)	Conveying Capacity (50Hz)		
Model	Motor Type	Motor Power (kW, 50/60Hz)	Dimension H×W×D		Weight		Applied Model	Hopper Capacity		kg			lb	kg/hr	lb/hr
			mm	inch	kg	lb		L	gal						
SAL-700G	Carbon brush	1.2(1Φ)	595×300×410	23.2×11.8×16	18	40	SMH-6L	6	1.6	6	13	1.5	1.5	300	661
							SVH-6L			7	15				
SAL-810G	Inductive	0.75 (3Φ)	740×400×410	29.1×15.7×16.1	58	128	SMH-6L	6	1.6	6	13	1.5	1.5	300	661
							SVH-6L			7	15				
							SHR-6U			6	13				
SAL-820G	Inductive	1.5 (3Φ)	740×400×410	29.1×15.7×16.1	65	143	SMH-12L	12	3.2	7	15	1.5	1.5	500	1102
							SVH-12L			11	24				
							SHR-12U			7	15				
SAL-830G	Inductive	1.85 (3Φ)	785×400×410	30.9×14.6×15.9	68	150	SMH-24L	24	6.4	9	20	2	2	700	1543
							SVH-24L			13	29				
							SHR-24U			9	20				
SAL-900G	Inductive	0.75 (3Φ)	670×390×740	26.4×15.4×29.1	50	110	1 × SMH-6L 1 × SVH-6L	6	1.6	6	13	1.5	1.5	500	1102
							2 × SMH-6L			11	24				
							2 × SVH-6L			7	15				
SAL-900G2	Inductive	1.5 (3Φ)	670×390×740	26.4×15.4×29.1	57	126	1 × SMH-12L 1 × SVH-12L	12	3.2	7	15	1.5	1.5	700	1543
							11			24					
							2 × SMH-12L			7	15				
							2 × SVH-12L			11	24				

Notes: 1) "SVH" stands for photosensor hopper receiver; "SMH" stands for vacuum hopper receiver.
"SHR-U" stands for Euro-hopper receiver.

- 2) Test condition of conveying capacity: Plastic material of bulk density 0.65kg/L (5.5lb/gal), dia. 3~5mm/0.12~0.2 inch, vertical conveying height: 4m/13.1Feet, horizontal conveying distance: 5m/16.4Feet.
- 3) All SAL-810G/820G/830G hoppers adopt the 4P heavy-duty connector, and all SAL-700G/900G/900G2 hoppers adopt the 3P metal connector.
- 4) Power supply: 3Φ, 230/400/460/575V, 50/60Hz for all models except SAL-700G (1Φ, 115/230V, 50/60Hz).

Separate-vacuum Hopper Loader

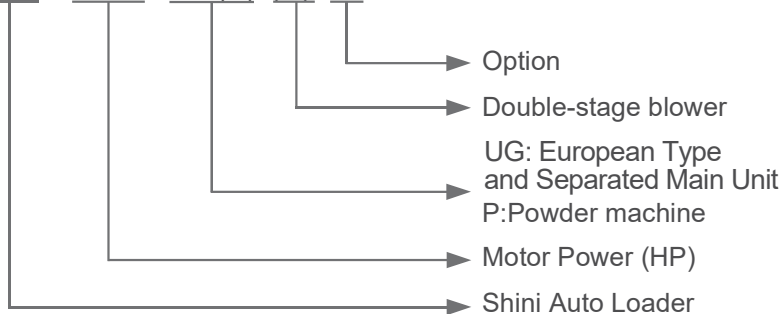


SAL-5HP-UG & SHR-24U

SAL-UG/UGP Series

■ Coding Principle

SAL - xxHP- UG(P)-(D)-xx



SAL-5HP-UG&SHR-24U-E

■ Features

- Data backed up on EPROM in case of power failure and does not require back up battery.
- It consists of a cyclone dust separator and a dust collective bin to effectively reduce the load of filter.
- Function for setting regrind mix ratio via optional SPV-U.
- Standard equipped with alarm lamp.
- SAL-5HP-UG and models above, all series of SAL-UGP are standard equipped with the vacuum breaking valve to protect the blower.



Vacuum breaking diaphragm valve

■ Application

SAL-UG series separate-vacuum hopper loaders collocated with stainless steel hopper ensures no material contamination. Adopt high-pressure blower to be main power, which features large suction power, long service life that is uneasy to damage.

SAL-UGP series separated-vacuum hopper loaders are based on the SAL-UG and can be customized to equip with different filter powder hoppers, especially suitable for 30% and 100% powder loading.

■ Options

Air accumulator auto purging device



In the case of much impurity or recycled materials included in raw materials, main unit can be equipped with air accumulator auto purging device as options, and add "A" at the end of the model code. (Suitable for SAL-5HP-UG and models above)

Cyclone dust separator



Cyclone dust separator is available for SAL-1HP-3HP-UG.

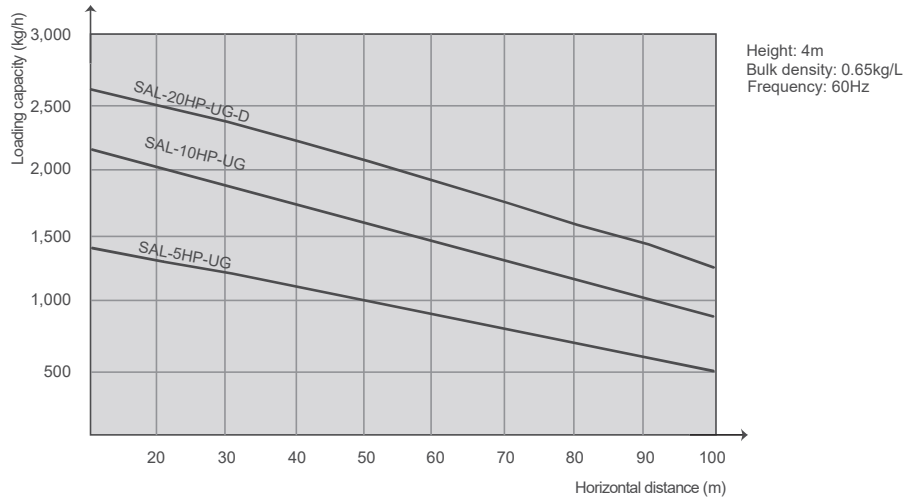
Buzzer



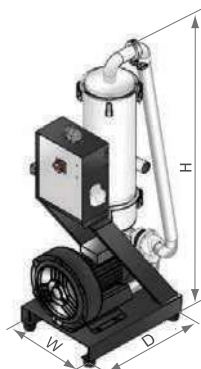
Buzzer is available as an option. Add "B" at the end of the model code.

SAL-UG/UGP Series

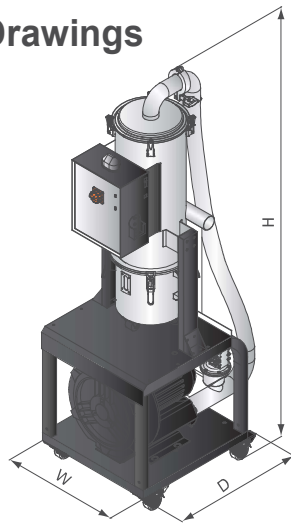
SAL-UG Loading Capacity



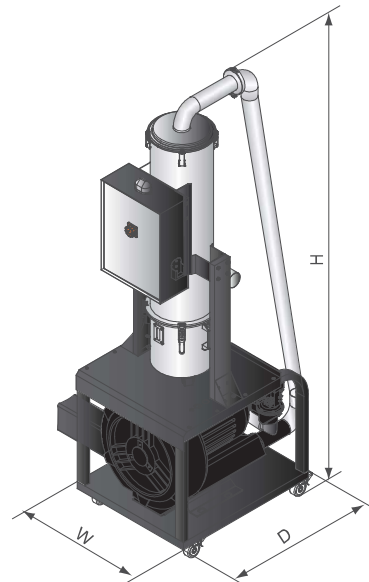
SAL-UG Outline Drawings



5HP
(Main Unit)

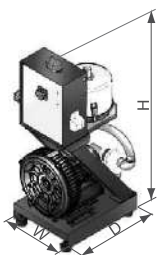


10HP
(Main Unit)

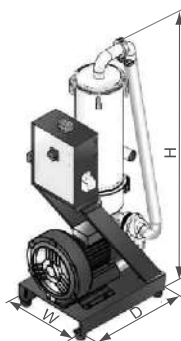


20HP (Main Unit)

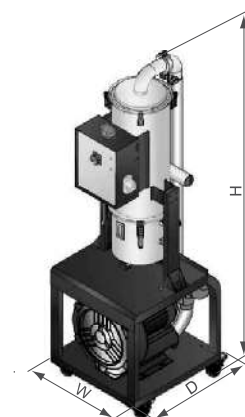
SAL-UGP Outline Drawings



1~3HP (Main Unit)



5HP (Main Unit)



10HP (Main Unit)

SAL-UG Specifications

Mian Unit							Hopper Receiver				Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)	Conveying Capacity		
Model	Motor Power (kW) (50/60Hz)	Specification	Dimension H × W × D		Weight		Applied to	Hopper Capacity		Weight			kg/hr	lb/hr	
			mm	inch	kg	lb		L	gal	kg					lb
SAL-5HP-UG	3.75/ 4.2	3Φ	1380×470×600	54.3×18.5×23.6	74	163	SHR-24U ×1	24	6.4	9	20	2	2	1000	2205
SAL-5HP-UG-D			1380×670×600	54.3×26.4×23.6	76	168				SHR-24U-E ×1	13				
SAL-10HP-UG	7.5/ 8.6	3Φ	1850×580×790	72.8×22.8×31	160	353	SHR-36U ×1	36	9.5	11	24	2	2.5	1600	3527
SAL-10HP-UG-D			1850×750×890	72.8×29.5×35	162	357				15	33				
SAL-20HP-UG-D	13/ 18.7	3Φ	2270×745×1000	89.4×29.3×39.4	236	520	SHR-48U ×1	48	127	15	33	2.5	3	2000	4409

Notes: 1) "SHR-U-E" stands for photosensor hopper receiver, "SHR-U" refers to vacuum hopper receiver.

2) 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: 5m/16.4feet.

3) Power supply: 3Φ, 230/400/460/575V, 50/60Hz

SAL-UGP Specifications (With cloth filter, this series is suitable for conveying materials containing 30% powder.)

Mian Unit			Hopper Receiver								Filter Cloth Quantity	(Main Unit) H × W × D		
Model	Motor Power (kW, 50/60Hz)	Specification	Applied to	Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)	Hopper Capacity		Hopper Dia.		Conveying Capacity		mm	inch	
						L	gal	mm	inch	kg/hr				lb/hr
SAL-1HP-UGP	0.75/0.85	3Φ	SHR-P-12U	1.5	1.5	12	3.2	Φ270	Φ10.6	300	661	1000×400×500	39.4×15.7×19.7	
SAL-2HP-UGP	1.5/1.8	3Φ	SHR-P-30U			30	7.9	Φ380	Φ15	400	882			7
SAL-3HP-UGP	1.85/2.0	3Φ	SHR-P-60U	2	2	60	159	Φ440	Φ17.3	650	1433	1380×490×590	54.3×19.3×23.2	
SAL-5HP-UGP	3.75/4.2	3Φ								1200	2646			10
SAL-5HP-UGP-D														
SAL-10HP-UGP	7.5/8.6	3Φ	SHR-P-90U	2.5	2.5	90	238	Φ550	Φ21.7	2000	4409	1830×585×675	72×23×26.6	
SAL-10HP-UGP-D												1830×740×675	72×29×26.6	

We reserve the right to change specifications without prior notice.

SAL-UGP Specifications (With plate filter, this series is suitable for conveying materials containing 100% powder.)

Mian Unit			Hopper Receiver								Filter Cloth Quantity	(Main Unit) H × W × D		
Model	Motor Power (kW, 50/60Hz)	Specification	Applied to	Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)	Hopper Capacity		Hopper Dia.		Conveying Capacity		mm	inch	
						L	gal	mm	inch	kg/hr				lb/hr
SAL-1HP-UGP	0.75/0.85	3Φ	SHR-P-30U-1	1.5	1.5	30	7.9	Φ270	Φ10.6	300	661	1000×400×500	39.4×15.7×19.7	
SAL-2HP-UGP	1.5/1.8	3Φ	SHR-P-30U-2			30	7.9	Φ380	Φ15	400	882			2
SAL-3HP-UGP	1.85/2.0	3Φ	SHR-P-60U-3	2	2	60	159	Φ440	Φ17.3	650	1433	1380×490×590	54.3×19.3×23.2	
SAL-5HP-UGP	3.75/4.2	3Φ								1200	2646			3
SAL-5HP-UGP-D														
SAL-10HP-UGP	7.5/8.6	3Φ	SHR-P-90U-5	2.5	2.5	90	238	Φ550	Φ21.7	2000	441	1830×585×675	72×23×26.6	
SAL-10HP-UGP-D												1830×740×675	72×29×26.6	

Notes: 1) Test condition of conveying capacity: Use dried powder plastic material without any viscosity and its bulk density is 0.6kg/L(5.5lb/gal), vertical conveying height: 4m/13.1feet, horizontal conveying distance: 5m/16.4feet.

2) Power supply: 3Φ, 230/400/460/575V, 50/60Hz.

We reserve the right to change specifications without prior notice.

"Multi-station" Hopper Loader

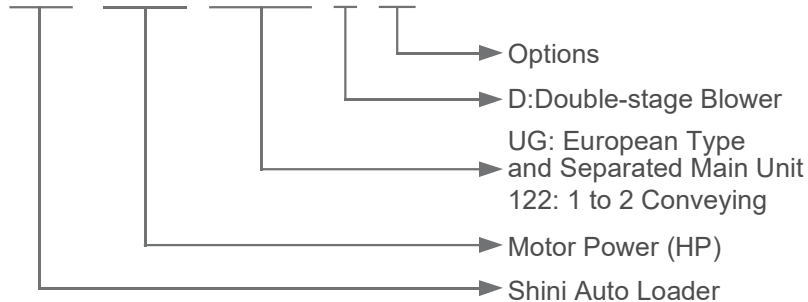


SAL-5HP-UG124 & SHR-12U-S

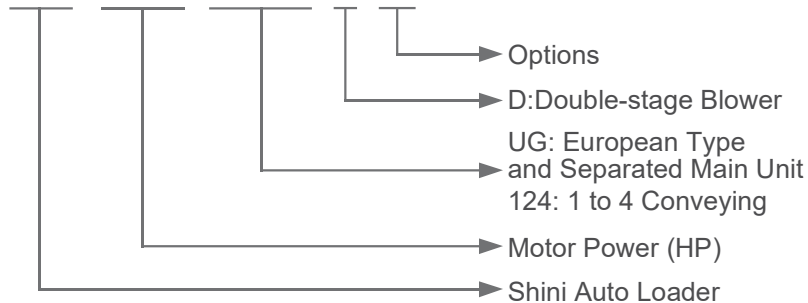
SAL-UG122/UGP124 Series

Coding Principle

SAL - xxHP - UG122 - D -xx



SAL - xxHP - UG124 - D -xx



SAL-7.5HP-UG122

SHR-24U-S

Features

- "One-to-Two or One-to-Four" hopper loader can greatly lower the cost.
- Dust collective chamber features a cyclone separator and a dust collective bin to effectively reduce the load of the filter.
- Separate dust collector is convenient for dust cleaning.
- Main unit equips with faults and motor overload indicators to show faults fast.
- The main body of SAL-2HP~5HP equips with vacuum-breaking valve and SAL-7.5HP~10HP main body equips with vacuum valve to protect the blower.
- Standard equipped with alarm lamp.
- When collocating with SVH, it can be directly mounted on the IMM
- CE safety plug ensures safe and reliable operation.



Air accumulator auto washing

Application

"One-to-Two or One-to-Four" separate hopper loaders are designed and developed on the basis of original European separate-vacuum hopper loaders. They feature more functions, easy to operate, and convenient to install. This model, equipped with a high pressure blower and four SHR-U-S central vacuum hoppers, is applicable to four dehumidifying and drying machines (dehumidifying dryer "SDD") or one gravimetric blender "SGB" to process plastic materials. Besides that, it can also realize the "One-to-Two or One-to-Four" way of conveying materials to different molding machines or hoppers to greatly lower the cost.

SAL-UG122/UGP124 Series

SAL-UG122 Specifications

Air accumulator auto purging device



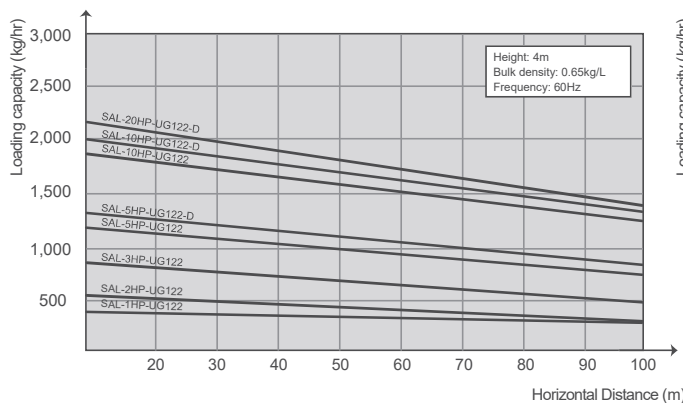
In the case of much impurity or recycled materials included in raw materials, main unit can be equipped with air accumulator auto washing unit as options, and add "A" at the end of model code. (Suitable for SAL-5HP-UG and models above)

Buzzer

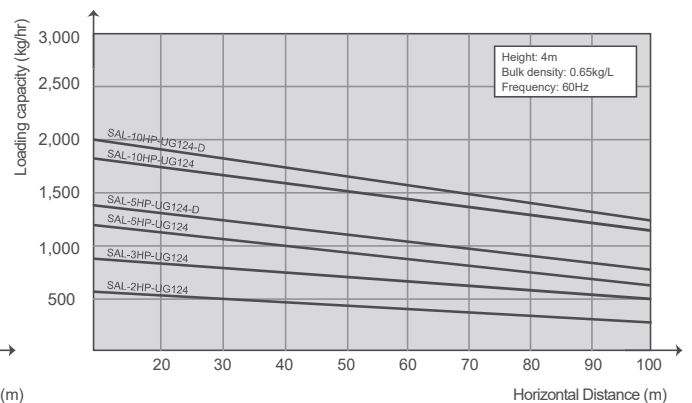


Buzzer is available as an option.

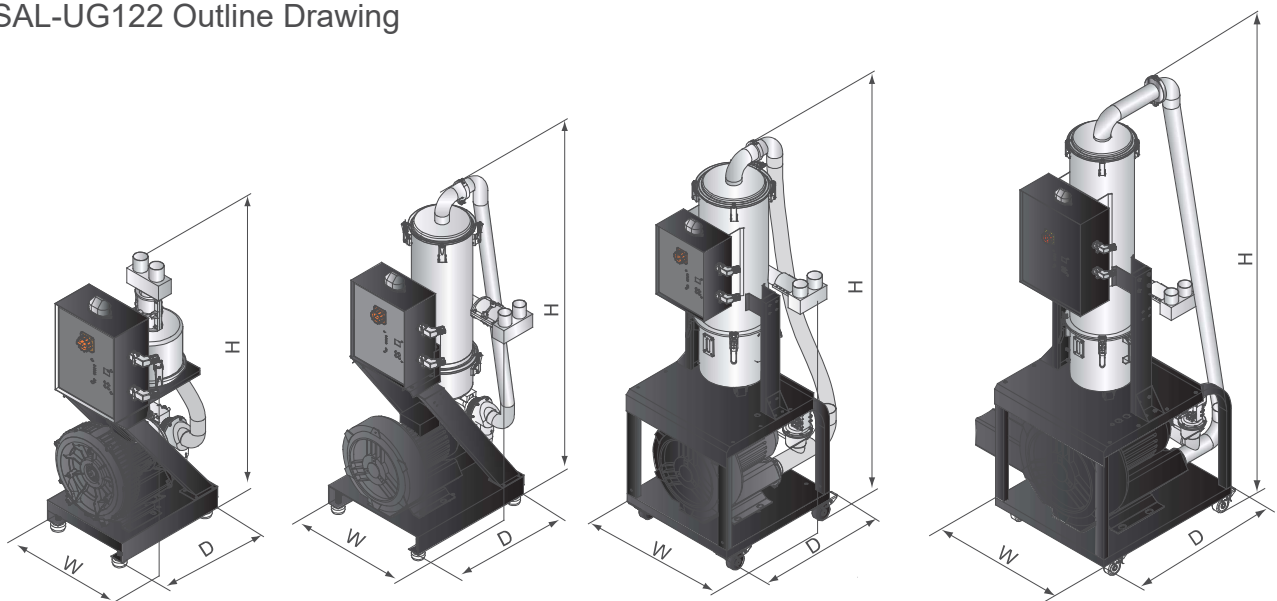
Loading Capacity (SAL-UG122)



Loading Capacity (SAL-UG124)



SAL-UG122 Outline Drawing



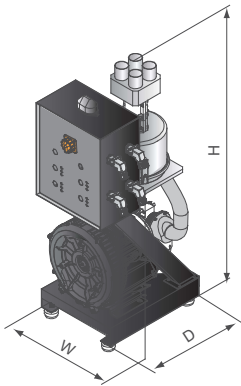
SAL-1HP ~ 3HP-UG122

SAL-5HP-UG122

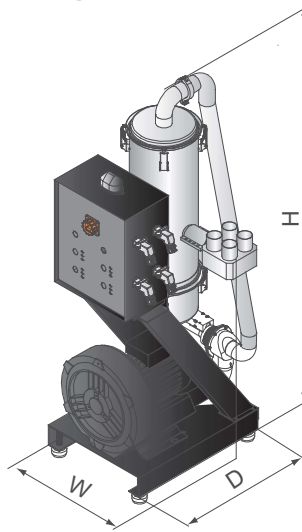
SAL-10HP-UG122

SAL-20HP-UG122-D

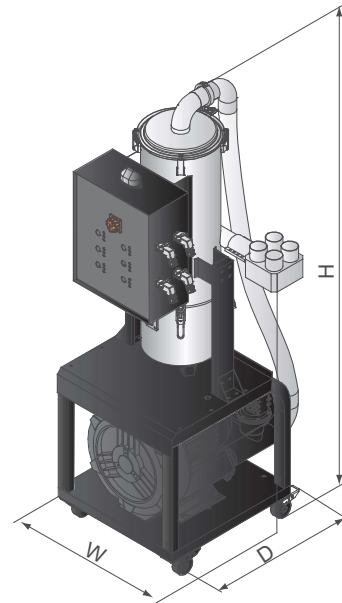
SAL-UG124 Outline Drawing



SAL-2HP-UG124



SAL-5HP-UG124



SAL-10HP-UG124

SAL-UG122 Specifications

Model	Main Unit				Hopper Receiver				Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)	Conveying Capacity				
	Motor Power (kW, 50/60Hz)	Specification	Dimension H×W×D		Weight		Applied to	Capacity			kg/hr	lb/hr			
			mm	inch	kg	lb		L					gal		
SAL-1HP-UG122	0.75/0.85	3Φ	1000×400×500	39.4×15.7×19.7	52	115	SHR-3US×2	3	0.8	4.5	9.9	1.5	2	400	882
SAL-2HP-UG122	1.5/1.8	3Φ			56	123	SHR-6US×2	6	1.6	7.5	17	1.5	2	550	1213
SAL-3HP-UG122	1.85/2.0	3Φ			60	132	SHR-12US×2	12	3.2	9	20	1.5	2	800	1764
SAL-5HP-UG122	3.75/4.2	3Φ	1380×540×600	54.3×21.3×23.6	175	386	SHR-12US×2					1.5	2	1200	2646
SAL-5HP-UG122-D			1380×670×600	54.3×26.4×23.6	180	397	SHR-12US×2	1350	2976						
SAL-10HP-UG122	7.5/8.6	3Φ	1830×740×675	72×29×26.6	185	408	SHR-36US×2	36	9.5	12	26	2	2.5	1800	3968
SAL-10HP-UG122-D			1830×900×675	72×35.4×26.6	192	423	SHR-36US×2					2000	4409		
SAL-20HP-UG122-D	13/15	3Φ	2200×745×1000	86.6×29.3×39.4	246	542	SHR-48US×2	48	12.7	20	44	2.5	3	2200	4850

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: 5m/16.4feet.
2) Power supply: 3Φ, 230/400/460/575V, 50/60Hz.

SAL-UG124 Specifications

Model	Main Unit				Hopper Receiver				Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)	Conveying Capacity				
	Motor Power (kW, 50/60Hz)	Specification	Dimension H×W×D		Weight		Applied to	Capacity			kg/hr	lb/hr			
			mm	inch	kg	lb		L					gal		
SAL-2HP-UG124	1.5/1.8	3Φ	1050×430×555	41.3×17×21.9	60	132	SHR-3US×4	3	0.8	4.5	9.9	1.5	2	550	1213
SAL-3HP-UG124	1.85/2.0	3Φ			65	143	SHR-6US×4	6	1.6	7.5	17	1.5	2	800	1764
SAL-5HP-UG124	3.75/4.2	3Φ	1380×640×630	54.3×25.2×24.8	175	386	SHR-12US×4	12	3.2	9	20	1.5	2	1200	2646
SAL-5HP-UG124-D			1380×690×630	54.3×27.2×24.8	180	397	SHR-12US×4					1350	2976		
SAL-10HP-UG124	7.5/8.6	3Φ	1830×720×720	72×28.3×28.3	185	408	SHR-36US×4	36	9.5	12	26	2	2.5	1800	3968
SAL-10HP-UG124-D			1830×900×720	72×35.4×28.3	192	423	SHR-36US×4					2000	4409		

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: 5m/16.4feet.
2) Power supply: 3Φ, 230/400/460/575V, 50/60Hz.

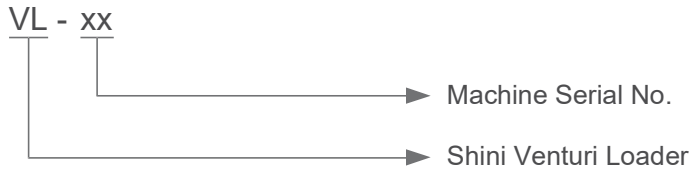
Venturi Loader



VL-100

VL Series

Coding Principle



Features

- European Type appearance, compact in size and light-weighted.
- Filtered air exhaust does not pollute environment.
- 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.
- Quick installation and easy operation with surface polished, add "P" at the end of model code.
- Easy access to material hopper for convenient cleaning.

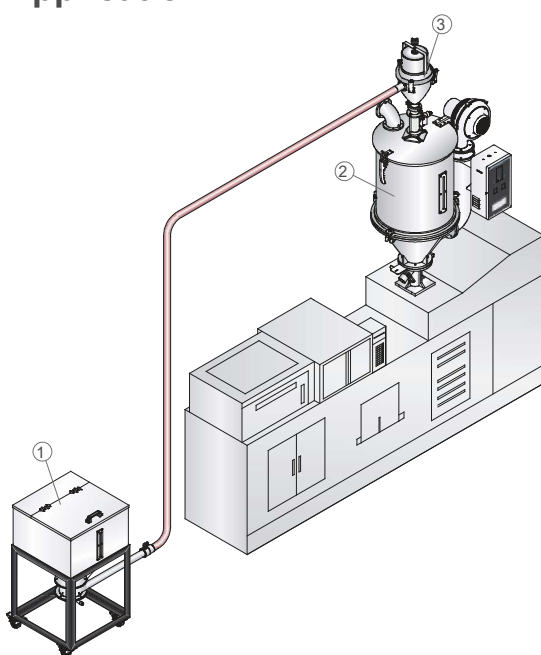


VL-50

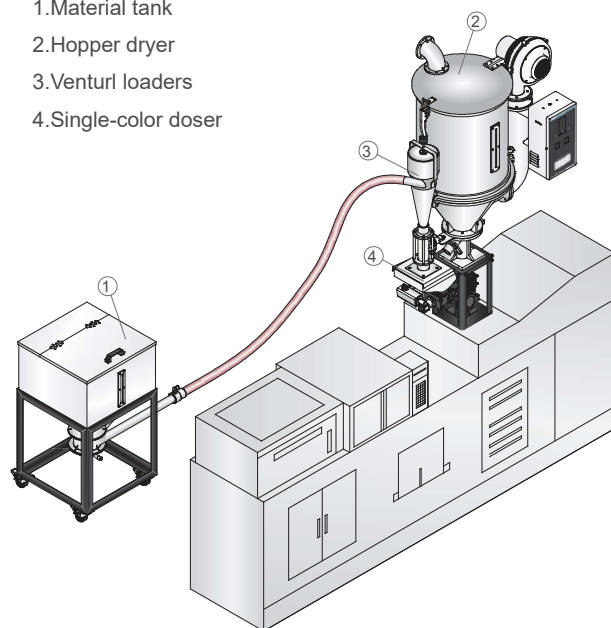


Filter and Control Units

Application

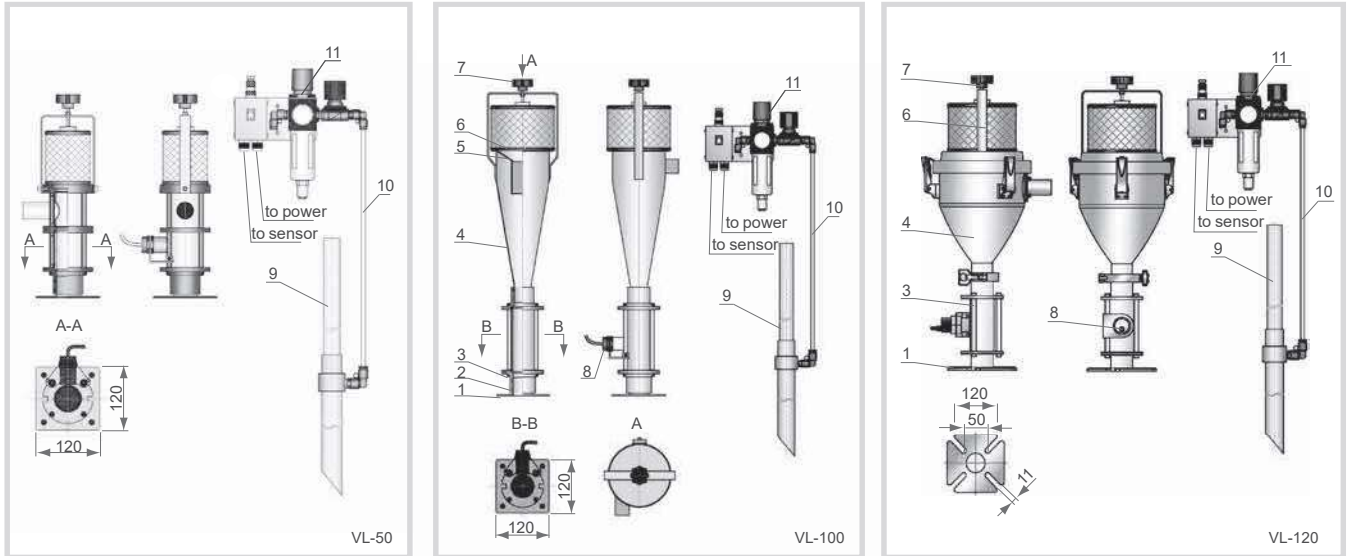


1. Material tank
2. Hopper dryer
3. Venturi loaders
4. Single-color doser



VL Series

Structure



- 1. Base
- 2. O-ring
- 3. Flange connecting pole
- 4. Hopper
- 5. Material flap
- 6. Filter
- 7. Fixing knob
- 8. Sensor
- 9. Conveying pipe
- 10. Air pipe
- 11. Compressed-air filter, lubricator cap & regulator

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 (kg/cm ²)		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 of Suction Pipe	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.

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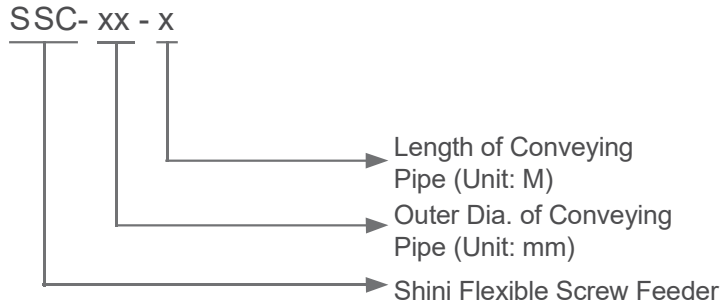
Flexible Screw Feeder



SSC-50 & MST-S

SSC Series

■ Coding Principle



CE=CE Conformity



Material Outlet

■ Features

- Evenly mix different materials and effectively avoid material stratification during conveying process.
- Motor-driven spiral screw ensures low noise level in operation.
- Fully closed conveying line, free from contamination.
- Flexible conveying line brings maximum convenience of installation, best compatibility with other conveying equipments, no wearing due to friction and no material blockage.
- Flexible design, easy for installation and maintenance.
- Reverse phase protector is adopted to avoid that the motor is incapable of conveying materials because of motor reversal.
- Standard conveying pipeline is 5m/197inch which can reach be lengthened to 7m/276inch

■ Application

SSC series flexible screw feeders adopt motor-driven screws for raw material conveying, applicable to convey regrinds, virgin materials, powders and their mixtures with features of low noise level, easy installation and maintenance. Two models of SSC-50/65 available with max. horizontal conveying capacity of up to 1,900kg/hr(4,189lb/hr).

■ Options

- Combined application with our mixers, Crystallizer(Require customized flange).
- Applicable to match with special stainless steel made storage tanks, add "P" at the end of model code for hopper inside polished ones.

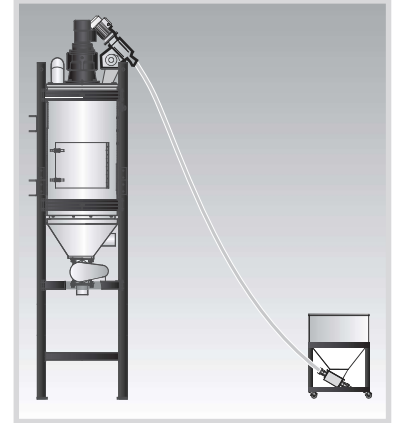
Material Storage Tank



There are four models of SSC series customized material storage tanks, which can work with any model of SSC series machine. This material storage tank has movable floor stand for easy installation and cleaning. It adopts square hopper design to fully utilize the space. The maximum capacity can be 500Kg/1,102lb. and all material discharge outlets are 210×110mm/8.3×4.3inch, applicable to convey and storage of powder, regrind, virgin material and mixtures.

Model	MST-	100S	200S	300S	500S
H	mm	1180	1290	1540	1630
	inch	46.5	50.8	60.6	64.2
W	mm	615	815	930	1240
	inch	24.2	32	36.6	48.8
D	mm	615	815	930	1240
	inch	24.2	32	36.6	48.8
Weight	kg	52	66	80	110
	lb	115	146	176	243

Installation



Specifications

Model	Outer Dia.		Motor Power (kW, 50/60Hz)	Motor Rotating Speed (rpm, 50/60Hz)	Radius		Bulk Density		Material	Conveying Capacity (50/60Hz)			
	mm	inch			mm	inch	kg/L	lb/gal		A=0°		A=45°	
										kg/hr	lb/hr	kg/hr	lb/hr
SSC-50	Φ 50	Φ2	0.75/0.85	910/1090	1,500	59	0.8	6.7	Pellet	800/900	1,764/1,984	700/840	1,543/1,852
							0.7	5.8	Powder	450/540	992/1,190	350/420	772/926
							0.3	2.5	Flake	300/360	661/794	250/300	551/661
SSC-65	Φ 65	Φ2.5	1.1/1.26	910/1090	1,500	59	0.8	6.7	Pellet	1,900/2,280	4,189/5,026	1,400/1,680	3,086/3,074
							0.7	5.8	Powder	1,000/1,200	2,205/2,646	800/960	1,543/2,116
							0.3	2.5	Flake	600/720	1,323/1,587	500/600	1,102/1,323

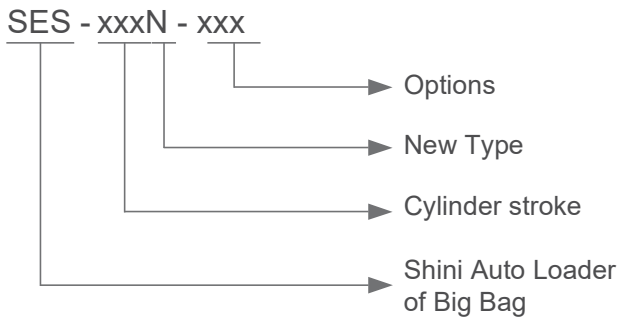
- Notes: 1) It is suitable for material conveying pipeline less than 7m/23Feet; The spring is inclined to fracture once the pipeline is more than 7meters/23Feet.
 2) Bending radius of conveying pipeline should be more than 1.5m/59inch and its bending angle should be more than 120° to prevent overload, material blockage or spring fracture.
 3) To be conveyed granule dia. : For SSC-50, it should be less than 4mm/0.16inch and for SSC-65, it should be less than 6mm/0.24inch or material could easily get stuck. Also we suggest not use it to convey flakes with more than 15mm in/0.59inch length.
 4) Power supply: 3Φ, 230/400/460/575V, 50/60Hz.

Auto Loader of Big Bag



SES-800N

Coding Principle



Features

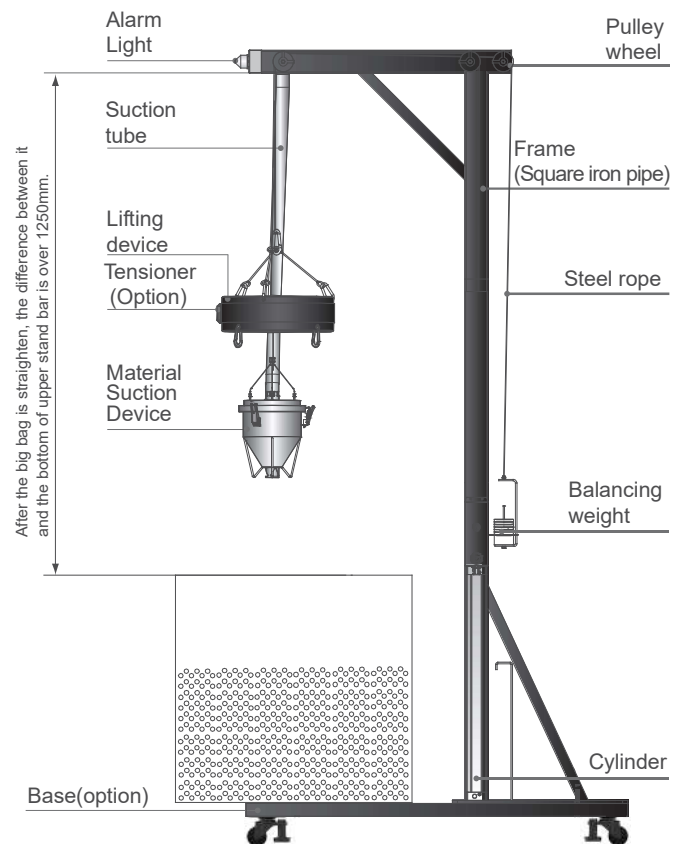
- Anti-sticky pillars at the suction inlet of big bag can effectively prevent suction suspension due to the bag involved into the suction inlet.
- Air refilling device on hopper cover can adjust the refilling inlet according to suction for convenience.
- Simple structure, strong loading capacity
- Full-range loading without manual interference

Application

The auto loader of big bag is applicable to loading, conveying, discharge of particles in plant; simple structure, strong loading capacity for wide applications in particles related industries.

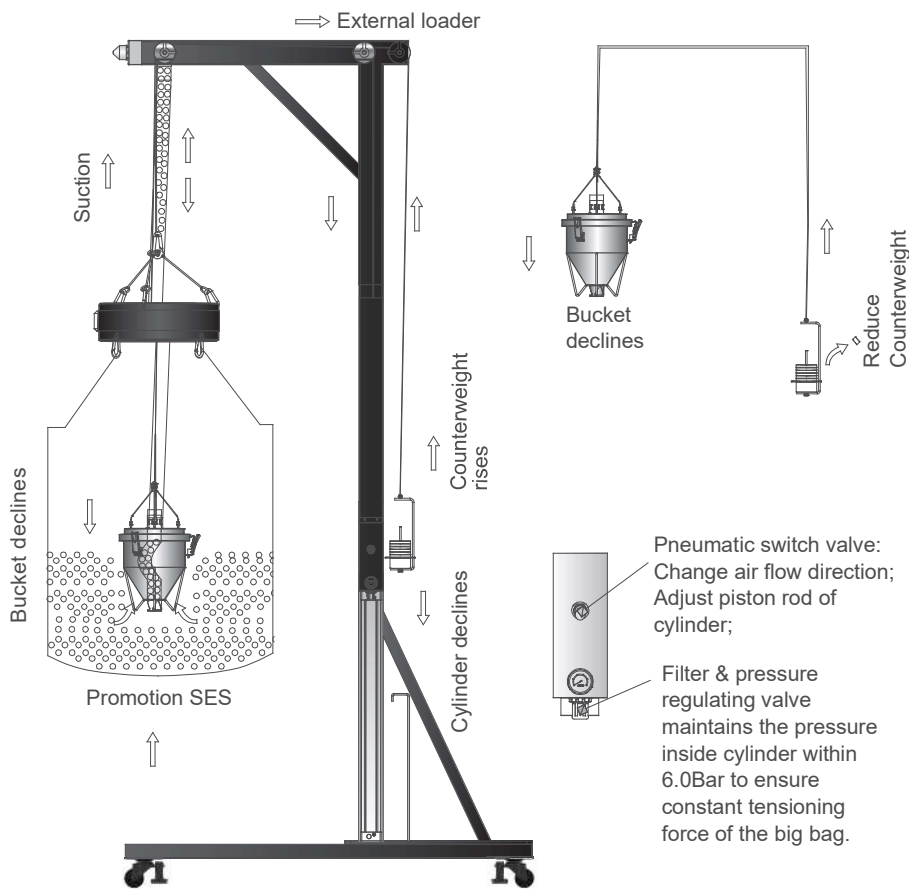
Options

- When customer has high requirement on mobility of the big bag, the base is optional with flexible castor. Add "D" at the end of the model code.
- As previous agglomeration characteristics, the piston reciprocating pneumatic vibrator is applied, and the vibrator connected with air pipe can vibrate after connection. Add "V" at the end of the model code. According to different heights of the big bag, select the cylinder with different strokes.
- According to different big bags, fastener clamp is optional to tighten the big bag after it is directly hung on the ring. Add "S" at the end of the model code.



SES Series

Working Principle



Start the pneumatic reversing valve to make cylinder rise, the lifting device will decline to fix the height of container bag. After fixation, activate the pneumatic reversing valve to make cylinder decline, the lifting device will tighten the container bag. Reduce the balancing weight to make loader decline into the container bag for material suction. During the suction, the container bag gradually loses its weight till less than the tightening force. Then the whole container bag will be lifted up, and the bottom material can also be sucked. Simultaneously, the cylinder reaches the limit and touches off the sensor and the alarm lights on, then the suction is finished.

Structure

Suction device



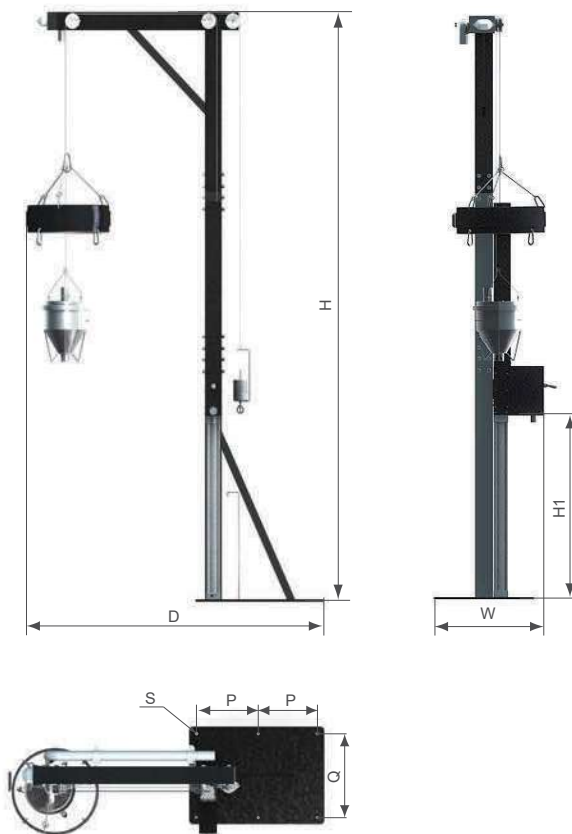
Air supply device: before material suction, open the air supply device and adjust the size of the inlet according to the suction situation for smooth operation.

A hopper hung by wire rope serves as suction device. It can rise and fall vertically since its weight is different from the balancing weight. In addition, the air supply device can adjust material suction situation.

■ Cylinder Driving Force Table

Cylinder inner diameter	External diameter of piston rod	Motion Pattern		Stress area (mm ²)	Air pressure (MPa)								
					0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
63	20	Double action	Pressing side	3117	311.7	623.4	935.1	1246.8	1558.5	1870.2	2181.9	2493.6	2805.3
			Pulling side	2803	280.3	560.6	840.9	1121.2	1401.5	1681.8	1962.1	2242.4	2522.7

■ Outline Drawings



Model	SES-800N	SES-1000N	SES-1200N
Items			
D(mm)	1614		
H(mm)	2962	3162	3362
H1(mm)	921	1121	1321
W(mm)	584		
P(mm)	310		
Q(mm)	430		
S(mm)	6-Φ16		
Weight (kg)	120	125	130

SES Series

Specifications

Items	Model		
	Parameters	SES-800N	SES-1000N
Cylinder stroke(mm)	800	1000(option)	1200(option)
Cylinder pipe dia.(mm)	PT3/8		
Cylinder withstand pressure(Bar)	15.0		
Cylinder speed range(mm/s)	30~800		
Converging Pipe Dia.(inch)	2		
Fully-extended height of the big bag(mm)	<1500	<1700	<1900
Power supply	1Φ, 220VAC, 50HZ		

We reserve the right to change specifications without prior notice.

Hoppers



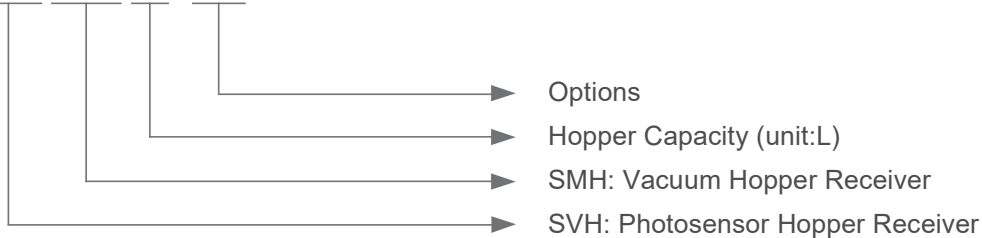
SWHR-U



SVH/SMH Series

■ Coding Principle

SVH/SMH-xL - xxx



■ Features

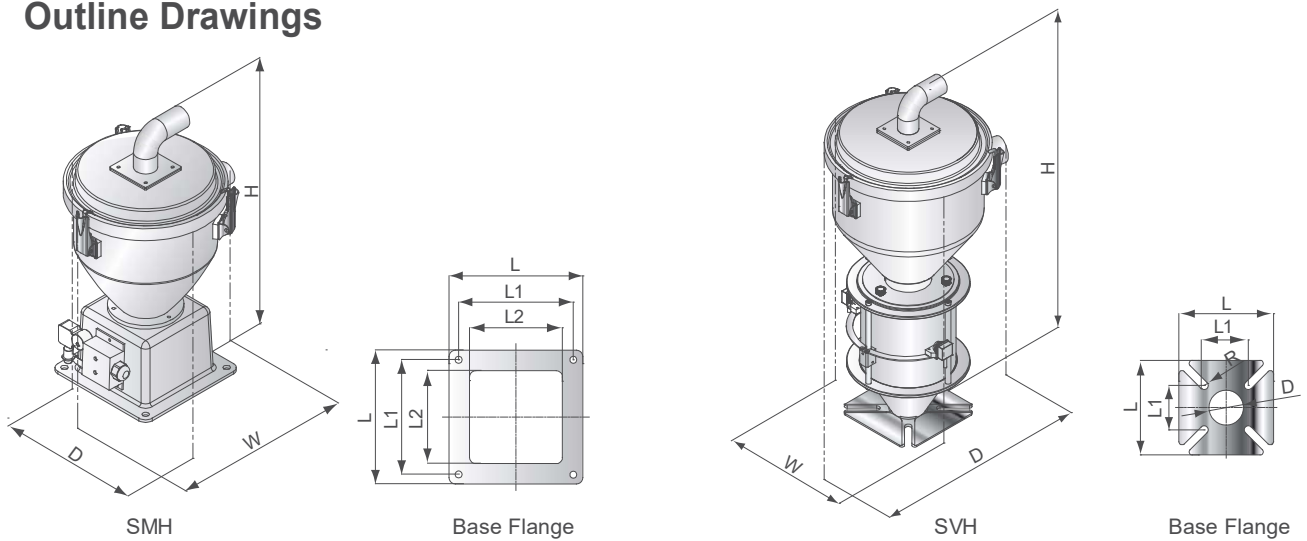
- This series of products are mainly used for collocating with Hopper Loader SAL-G.
- SMH is suitable to mount on Shini Dryer, storage tank or other containers as receiving device in material conveying process.
- SVH equipped a glass-pipe temporary storage device at the bottom, which is suitable to mount at the inlet of the molding machine. It ensures no material shortage of the molding machine during suction process to achieve successive production.
- Stainless steel hopper ensures no material contamination.
- Standard equipped with steel wired filter screen.

■ Accessory Option

- It is available to select SCH-6 storage bin and SMH-6L/12L vacuum hopper, both of which can be directly mounted on injection molding machine.
- Quick mixing valve can be opted to work with proportional valve to enhance mixing effect. Add "QM" at the end of the model code.

SVH/SMH Series

Outline Drawings



SVH Specifications

Model	Hopper			Conveying pipe dia. (inch)	Suction pipe dia. (inch)
	Hopper capacity (L)	Dimension H×W×D (mm)	Weight (kg)		
SVH-3L	3	460×260×315	3	1.5	1.5
SVH-6L	6	600×260×305	7	1.5	1.5
SVH-12L	12	700×300×365	11	1.5	1.5
SVH-24L	24	1120×360×375	13	2	2

SVH Base mounting dimensions

Model	L (mm)	L1 (mm)	D (mm)	R (mm)
SVH-3L	120	50	40	6.5
SVH-6L	150	70	55	6.5
SVH-12L	180	80	55	6.5
SVH-24L	180	80	80	6.5

SMH Specifications

Model	Hopper capacity (L)	Dimension H×W×D (mm)	Weight (kg)	Conveying pipe dia. (inch)	Suction pipe dia. (inch)
SMH-12L	12	515 × 325 × 350	7	1.5	1.5
SMH-24L	24	720 × 325 × 375	9	2	2

SMH Base mounting dimensions

	L (mm)	L1 (mm)	L2 (mm)
SMH-6L	210	180	146
SMH-12L			
SMH-24L			



SWHR-U

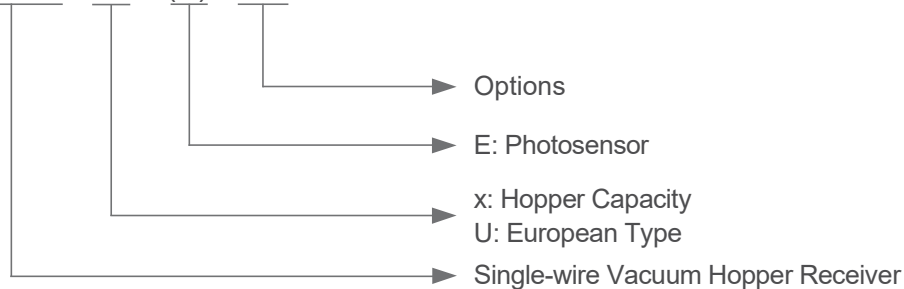


SWHR-U-E

SWHR-U-(E) Series

■ Coding Principle

SWHR – xU – (E) - xxx



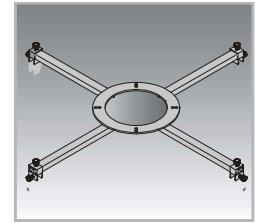
■ Features

- This series of products are mainly used for collocating with Central Conveying System SWCS.
- It features simple wiring mode in comparison of the traditional central hopper, the easy connection of signal wire between hopper and main unit or between the hoppers avoid the complicated electrical wiring.
- Each hopper is equipped with independent control function.
- SWHR-U is suitable to mount on Shini Dryer, storage tank or other containers as receiving device in material conveying process.
- SWHR-U-E equipped a glass-pipe temporary storage device at the bottom, which is suitable to mount at the inlet of the molding machine. It ensures no material shortage of the molding machine during suction process to achieve successive production.
- Stainless steel hopper ensures no material contamination.
- Equipped with vacuum separating valve is available to open/close the vacuum return loop.
- Standard equipped with steel wired filter screen.

SWHR-U Series

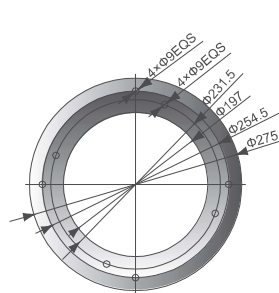
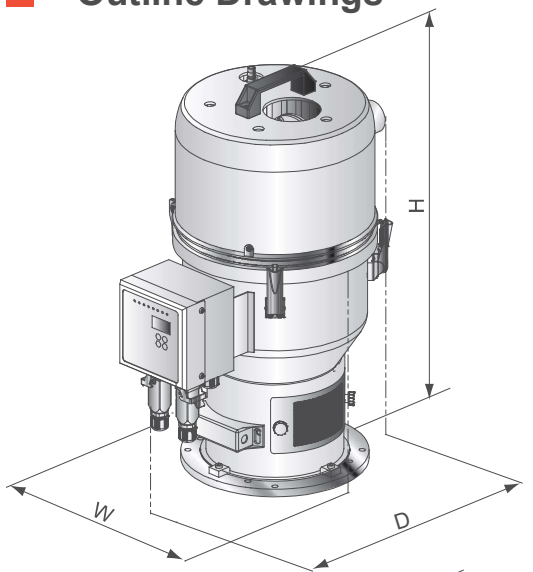
Accessory Option

- Optionally provide multi-functional installation frame HMB-900 with 900mm largest dia. adjusting range for selection. Add "HMB" at the end of the model code.
- Options with storage collective hopper SCH-U and heat-insulated collective hopper SICH-U are available for direct mounting hopper receiver SWHR-U at the inlet of the molding machine.

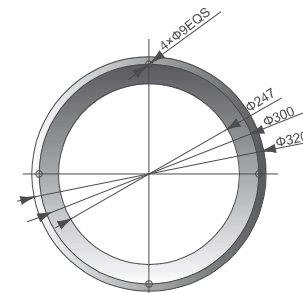


multi-functional installation frame

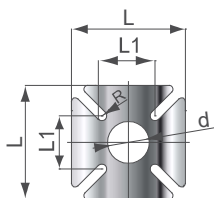
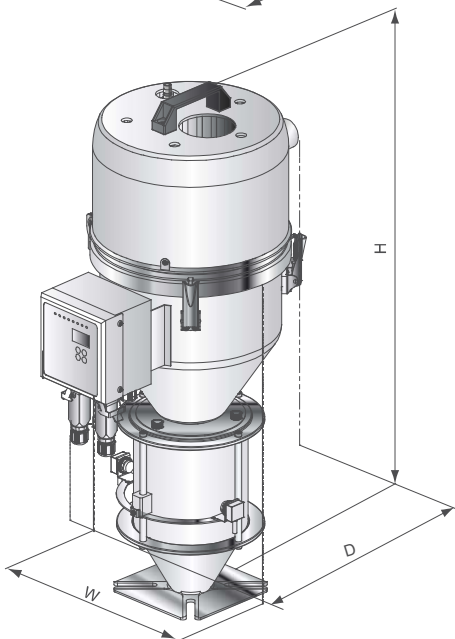
Outline Drawings



SWHR-6U-(E)~SWHR-36U-(E)



SWHR-48U-(E)~SWHR-96U-(E)



SWHR-U Specifications

Model	Hopper capacity (L)	Hopper		Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)
		Dimension (H×V×D) (mm)	Weight (kg)		
SWHR-6U	6	560 × 305 × 425	7.5	1.5	2
SWHR-6U-E		730 × 305 × 425	9.5		
SWHR-12U	12	615 × 335 × 455	9	1.5	2
SWHR-12U-E		810 × 335 × 455	14		
SWHR-24U	24	825 × 335 × 455	11	2	2.5
SWHR-24U-E		1255 × 400 × 455	15		
SWHR-36U	36	1035 × 335 × 455	12	2	2.5
SWHR-48U	48	1140 × 400 × 530	18	2.5	3
SWHR-96U	96	1400 × 480 × 590	23	2.5	3

SWHR-U-E Base Flange

Model	L (mm)	L1 (mm)	d (mm)	R (mm)
SWHR-6U-E	150	70	55	6.5
SWHR-12U-E	180	80	55	6.5
SWHR-24U-E	180	85	80	6.5

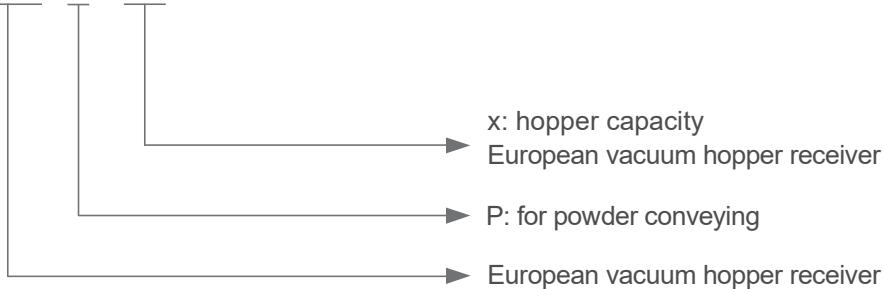


SHR-P-60U

SHR-P-U Series

■ Coding Principle

SHR - P - xU



■ Features

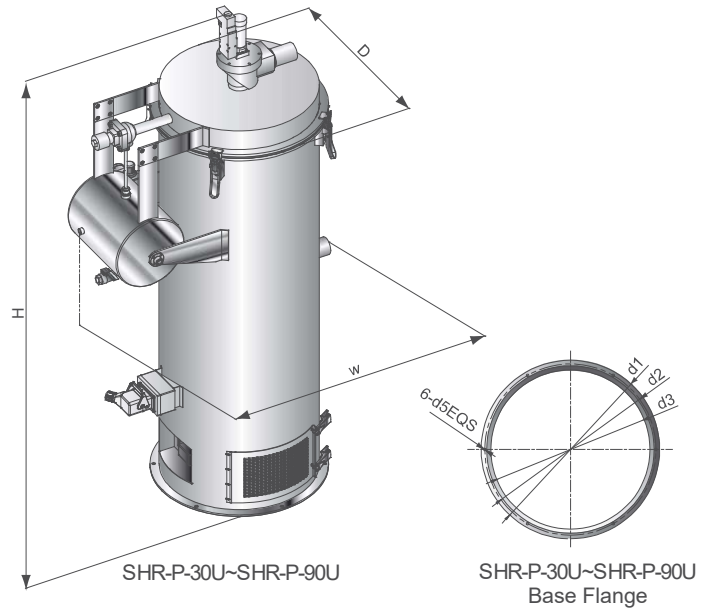
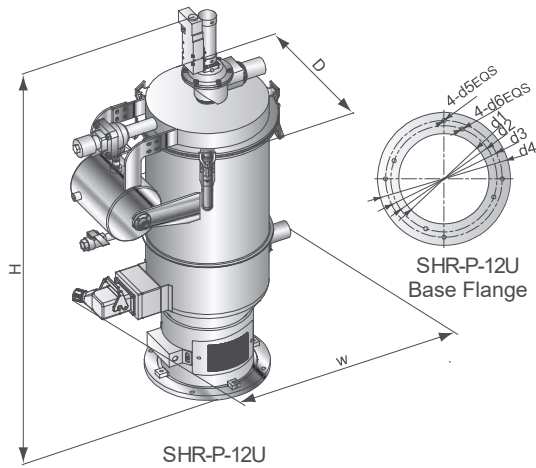
- This series of products are mainly used for collocating with Hopper Loader SAL-UGP.
- SHR-P-U consists of two categories, the cloth mesh filter and the plate filter. Cloth mesh filter is used to convey materials with powder content $\leq 30\%$, plate filter is used to convey materials with powder content $> 30\%$.
- Stainless steel hopper ensures no material contamination.
- Equipped with vacuum separating valve is available to open/close the vacuum return loop.
- The auto-purging device to clean the filter after each suction, it ensures good ventilatio for the filter.

■ Accessory Option

- Storage Collective Hopper can be opted by SHR-P-12U.

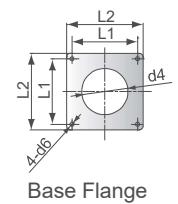
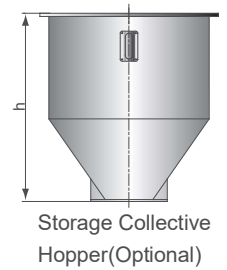
SHR-P-U Series

Outline Drawings



Specifications

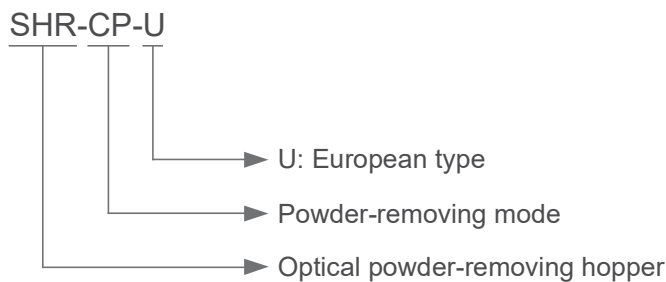
Model	SHR-P-12U	SHR-P-30U	SHR-P-30U-1	SHR-P-30U-2	SHR-P-60U	SHR-P-60U-3	SHR-P-90U	SHR-P-90U-5
Hopper capacity (L)	12	30	30	30	60	60	90	90
H(mm)	940	1325	1325	1325	1500	1500	1640	1640
W(mm)	535	730	730	730	780	780	890	890
D(mm)	380	470	470	470	500	500	635	635
d3(mm)	Φ197	Φ430	Φ430	Φ430	Φ490	Φ490	Φ600	Φ600
d1(mm)	Φ231	Φ413	Φ413	Φ413	Φ470	Φ470	Φ583	Φ583
d2(mm)	Φ254	Φ377	Φ377	Φ377	Φ437	Φ437	Φ547	Φ547
d5(mm)	Φ275	Φ100	Φ100	Φ100	Φ127	Φ127	Φ1524	Φ1524
d4(mm)	Φ9	Φ7	Φ7	Φ7	Φ7	Φ7	Φ7	Φ7
d6(mm)	Φ9	Φ11	Φ11	Φ11	Φ11	Φ11	Φ11	Φ11
h(mm)	-	423	423	423	516	516	637	637
L1(mm)	-	180	180	180	180	180	180	180
L2(mm)	-	210	210	210	210	210	210	210
Weight(kg)	27	57	60	63	60	69	72	87
Conveying Pipe Dia. (inch)	1.5	1.5	1.5	1.5	2.0	2.0	2.5	2.5
Conveying Pipe Dia. (inch)	1.5	1.5	1.5	1.5	2.0	2.0	2.5	2.5





SHR-P-U/SCH(-U)/SICH-U Series

■ Coding Principle



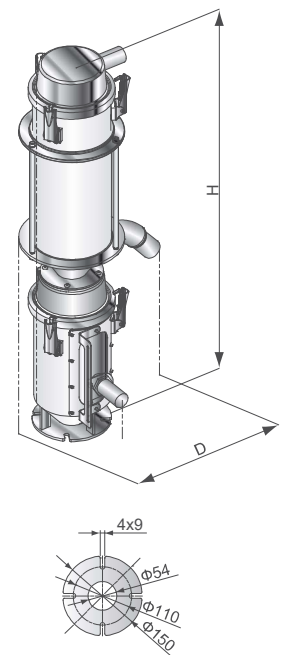
■ Features

- Mainly used for collocating with Compact Dryer SCD-OP
- It can remove the powder in the material to avoid stains generating in the molding process.
- Adopts stainless steel SUS304 to ensure no material contamination
- Standard equipped with adjustable level sensor

■ Specifications

Model	Hopper				Weight (kg)	Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)
	Hopper capacity (L)	Dust-removing efficiency	Handling capacity (kg/hr)	Dimension (H×W×D) (mm)			
SHR-CP-3U	3	80%	10	820 × 280 × 305	8	1.5	1.5

■ Outline Drawings



Base Flange

SHR-P-U/SCH(-U)/SICH-U Series

Coding Principle

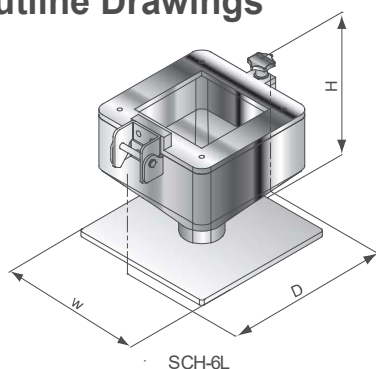
S(I)CH – xU(L)

- x: Hopper Capacity
- U: European Type Hopper Capacity Unit: L
- SCH: Shini Storage Collective Hopper
- SICH: Shini Heat-insulated Collective Hopper

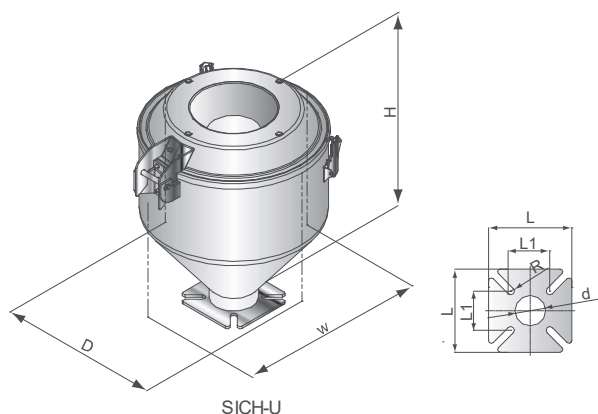
Features

- SCH is mainly used for collocating with vacuum hopper SMH
- SCH-U and SICH-U are mainly used for collocating with hopper receiver SHR-H, SHR-U-S and SWHR-U
- Heat-insulated collective hopper SICH-U ensures temperature decrease no more than 30°C within 30 minutes
- SCH-U and SICH-U are made of stainless steel, which ensure no material contamination
- SCH is cast by Aluminum material

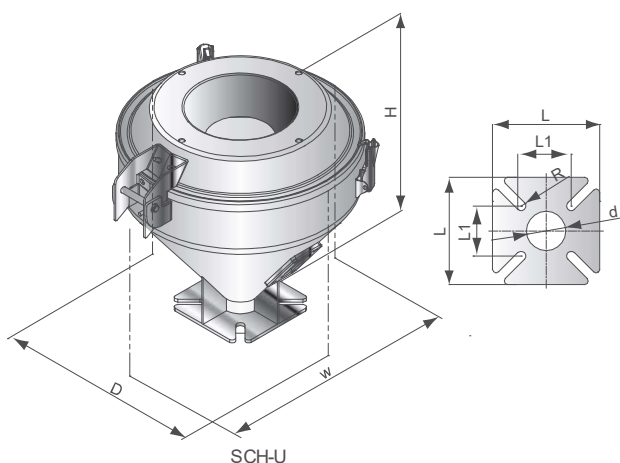
Outline Drawings



SCH-6L



SICH-U



SCH-U

Specifications

SCH-6L

Model	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight (kg)
SCH-6L	6	275 × 270 × 320	11

SICH-U

Model	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight (kg)
SICH-6U	6	340 × 345 × 300	8
SICH-12U	12	425 × 405 × 350	11
SICH-24U	24	535 × 490 × 430	15

SICH-U Base Flange

Model	L(mm)	L1(mm)	d(mm)	R(mm)
SICH-6U	150	81	51.5	6.5
SICH-12U	150	81	55	6.5
SICH-24U	180	85	64.5	6.5

SCH-U

Model	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight (kg)
SCH-6U	6	275 × 335 × 300	4.5
SCH-12U	12	340 × 395 × 350	7
SCH-24U	24	420 × 480 × 430	9

SCH-U Base Flange

Model	L(mm)	L1(mm)	d(mm)	R(mm)
SCH-6U	150	81	55	6.5
SCH-12U	150	81	55	6.5
SCH-24U	180	85	80	6.5



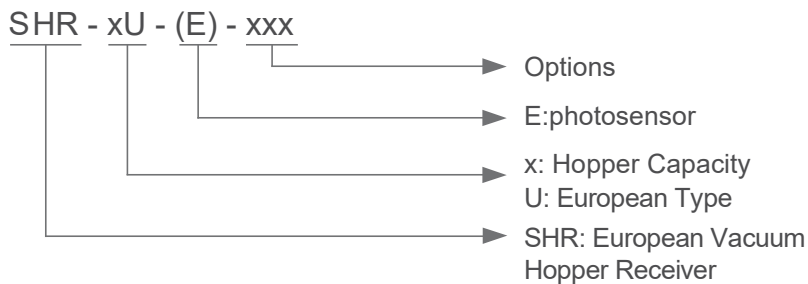
SHR-U



SHR-U-E

SHR-U-(E) Series

Coding Principle

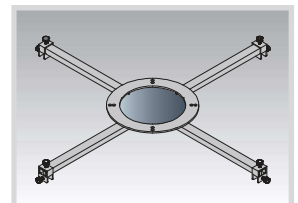


Features

- This series of products are mainly used for collocating with Hopper Loader SAL-UG and Compact Dryer SCD. With SAL-UG, adopts 6P connector; with SCD, adopts 4P connector.
- SHR-U is suitable to mount on Shini Dryer, storage tank or other containers as receiving device in material conveying process.
- SHR-U-E equipped a glass-pipe temporary storage device at the bottom, which is suitable to mount at the inlet of the molding machine. It ensures no material shortage of the molding machine during suction process to achieve successive production.
- Stainless steel hopper ensures no material contamination
- Standard equipped with steel wired filter screen



Air accumulator



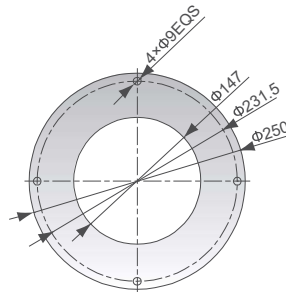
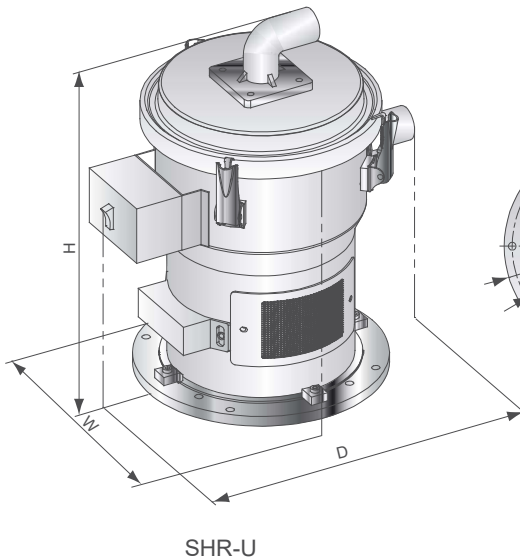
Multifunctional installation frame

Accessory Option

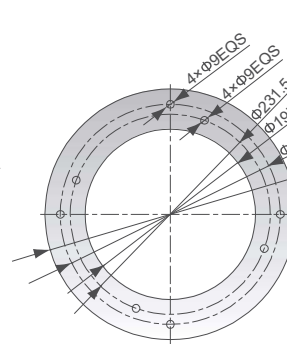
- Optionally provide multi-functional installation frame HMB-900 with 900mm largest dia. adjusting range for selection. Add "HMB" at the end of the model code.
- Options with storage collective hopper SCH-U and heat-insulated collective hopper SICH-U are available for direct mounting hopper receiver SHR-U at the inlet of the molding machine.
- Quick mixing valve can be opted to work with proportional valve to enhance mixing effect. Add "QM" at the end of the model code.
- For filter auto-purging device, add "C" at the end of the model code.
- SHR-12U and above models are available to option with air accumulator to enhance purging effect. Add "A" at the end of the model code.
- For models optional with non-return valve to avoid air leakage of shared pipe, add "RSV" at the end of the model code.

SHR-U-(E) Series

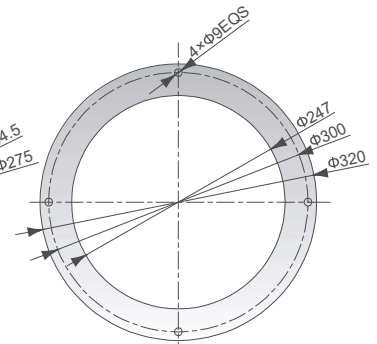
Outline Drawings



SHR-3U
Base Flange

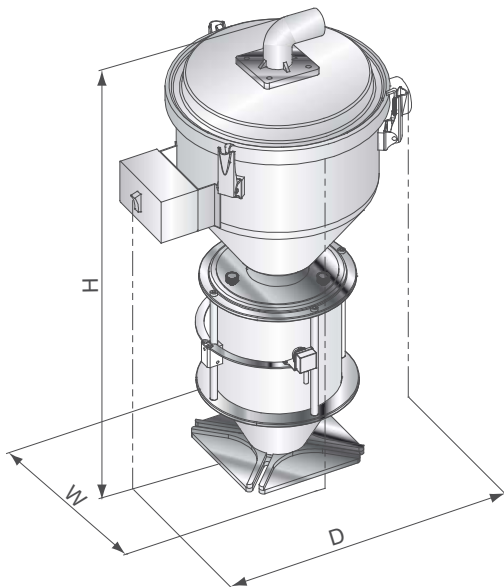


SHR-6U~36U
Base Flange



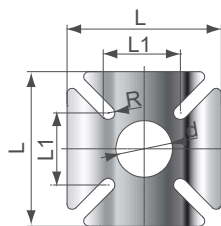
SHR-48U~96U
Base Flange

Specifications



Model	Hopper capacity (L)	Hopper		Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)
		Dimension (H×W×D) (mm)	Weight (kg)		
SHR-3U	3	380 × 250 × 330	4	1.5	1.5
SHR-3U-E		535 × 207 × 310			
SHR-6U	6	420 × 285 × 360	6	1.5	1.5
SHR-6U-E		600 × 275 × 360			
SHR-12U	12	470 × 315 × 400	7	1.5	1.5
SHR-12U-E		700 × 315 × 400			
SHR-24U	24	690 × 315 × 400	9	2	2
SHR-24U-E		1120 × 360 × 400			
SHR-36U	36	930 × 315 × 400	11	2	2.5
SHR-48U	48	975 × 350 × 485	15	2.5	3
SHR-96U	96	1220 × 430 × 560	20	2.5	3

SHR-U-E Base mounting dimensions



Model	L (mm)	L1 (mm)	d (mm)	R (mm)
SHR-3U-E	120	50	40	6.5
SHR-6U-E	150	70	55	6.5
SHR-12U-E	180	80	55	6.5
SHR-24U-E	180	85	80	6.5

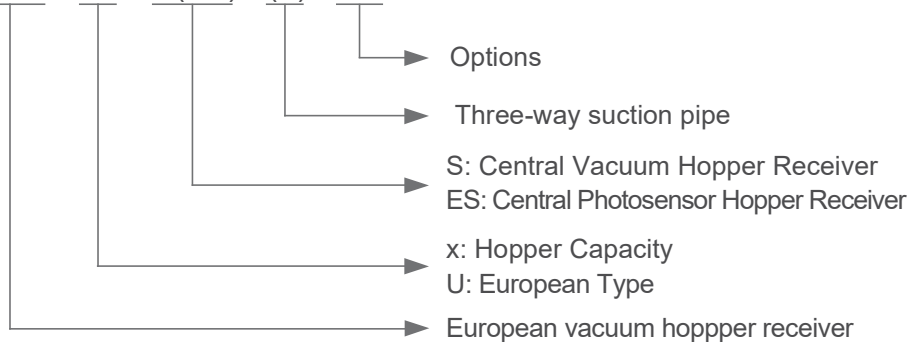
SHR-U-S



SHR-U-S(ES)-(T) Series

■ Coding Principle

SHR – xU – S(ES) – (T) – xxx



■ Features

- This series of products are mainly used for collocating with Hopper Loader SAL-UG122 and SAL-UG124, and also can be used in central conveying system.
- SHR-U-S is suitable to mount on Shini Dryer, storage tank or other containers as receiving device in material conveying process.
- SHR-U-ES equipped a glass-pipe temporary storage device at the bottom, which is suitable to mount at the inlet of the molding machine. It ensures no material shortage of the molding machine during suction process to achieve successive production.
- SHR-U-S-T or SHR-U-ES-T is mainly used for collocating with SGB; the three-way T suction inlet is convenient to connect numbers of suction inlets of the hopper.
- Stainless steel hopper ensures no material contamination
- Equipped with vacuum separating valve is available to open/close the vacuum return loop.
- Standard equipped with steel wired filter screen



SHR-U-ES

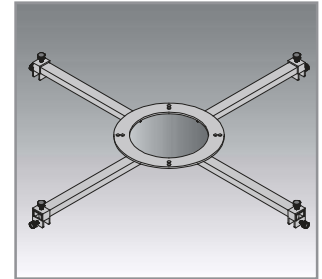


SHR-U-ST

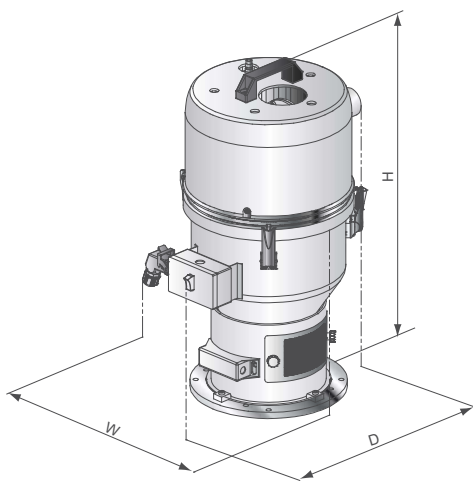
SHR-U-S(ES)-(T) Series

Accessory Option

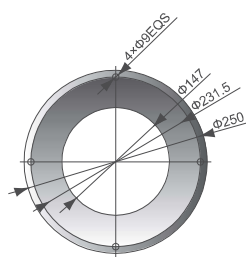
- Optionally provide multi-functional installation frame HMB-900 with 900mm largest dia. adjusting range for selection. Add "HMB" at the end of the model code.
- Options with storage collective hopper SCH-U and heat-insulated collective hopper SICH-U are available for direct mounting hopper receiver SHR-U-S at the inlet of the molding machine.
- Optional with contrary stop valve to avoid central conveying system leakage when connecting with shared material pipeline, add "RSV" at the end of the model code.
- Thickening shut-off plate is optional. Add "SD" at the back of the model code.



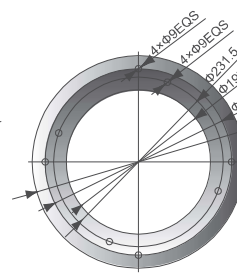
Multifunctional installation frame



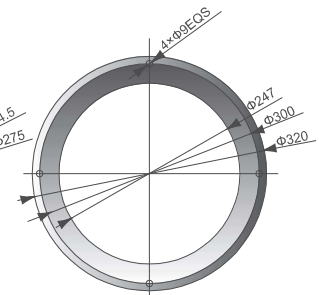
SHR-U-S



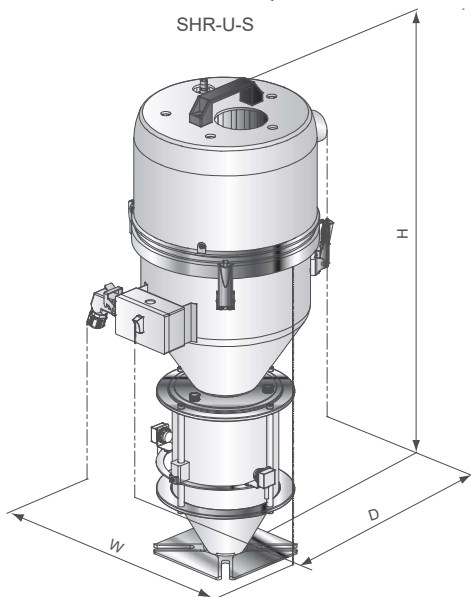
SHR-3U-S
Base Flange



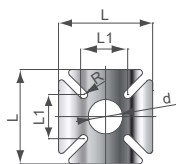
SHR-6U-S~SHR-36U-S
Base Flange



SHR-48U-S~SHR-96U-S
Base Flange



SHR-U-ES



SHR-U-ES
Base Flange

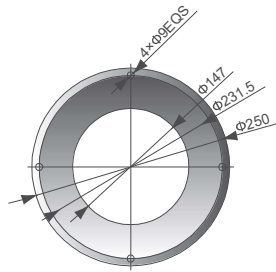
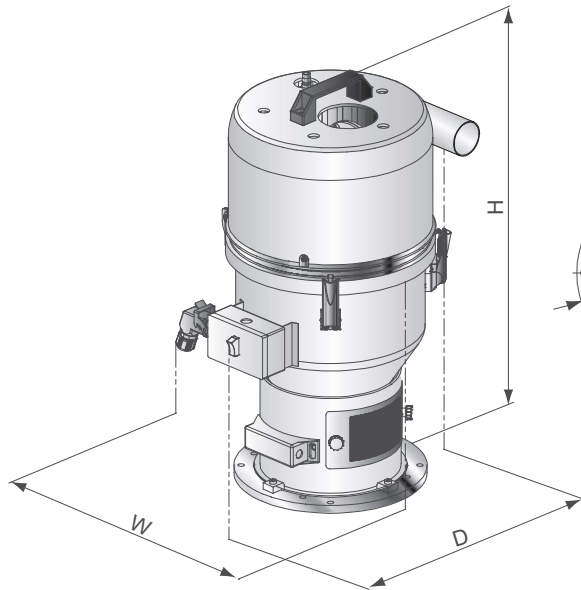
SHR-U-S Specifications

Model	Hopper capacity (L)	Hopper		Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)
		Dimension (H×W×D) (mm)	Weight (kg)		
SHR-3U-S	3	600 × 270 × 340	4.5	1.5	2
SHR-3U-ES		745 × 270 × 330			
SHR-6U-S	6	560 × 305 × 375	7.5	1.5	2
SHR-6U-ES		730 × 305 × 375			
SHR-12U-S	12	615 × 335 × 405	9	1.5	2
SHR-12U-ES		810 × 335 × 405			
SHR-24U-S	24	825 × 335 × 405	11	2	2.5
SHR-24U-ES		1255 × 400 × 405			
SHR-36U-S	36	1035 × 335 × 405	12	2	2.5
SHR-48U-S	48	1140 × 400 × 480	18	2.5	3
SHR-96U-S	96	1400 × 480 × 560	23	2.5	3

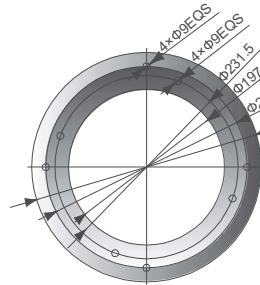
SHR-U-S Base mounting dimensions

Model	L (mm)	L1 (mm)	d (mm)	R (mm)
SHR-3U-ES	120	50	40	6.5
SHR-6U-ES	150	70	55	6.5
SHR-12U-ES	180	80	55	6.5
SHR-24U-ES	180	85	80	6.5

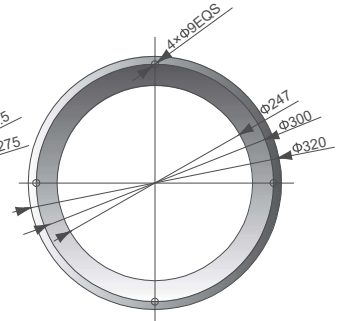
SHR-U-S(ES)-(T) Series



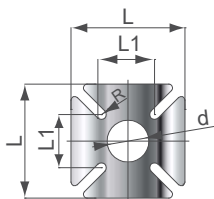
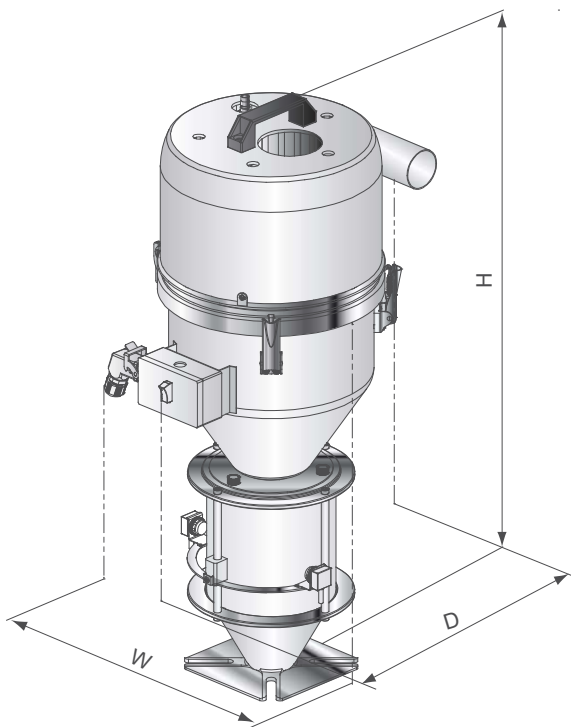
SHR-3U-ST



SHR-6U-S-SHR-36U-ST



SHR-48U-S-SHR-96U-ST



SHR-U-ST Specifications

Model	Hopper			Conveying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)
	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight (kg)		
SHR-3U-ST	3	600 × 260 × 370	4.5	1.5	2
SHR-3U-EST		745 × 235 × 370			
SHR-6U-ST	6	560 × 290 × 400	7.5	1.5	2
SHR-6U-EST		727 × 280 × 400			
SHR-12U-ST	12	615 × 305 × 440	9	1.5	2
SHR-12U-EST		810 × 305 × 440			
SHR-24U-ST	24	825 × 305 × 455	11	2	2.5
SHR-24U-EST		1255 × 400 × 455			
SHR-36U-ST	36	1035 × 305 × 455	12	2	2.5
SHR-48U-ST	48	1145 × 350 × 515	18	2.5	3
SHR-96U-ST	96	1400 × 430 × 560	23	2.5	3

SHR-U-EST Base mounting dimensions

Model	L (mm)	L1 (mm)	d (mm)	R (mm)
SHR-3U-EST	120	50	40	6.5
SHR-6U-EST	150	70	55	6.5
SHR-12U-EST	180	80	55	6.5
SHR-24U-EST	180	85	80	6.5