

SMH



SVH

SVH/SMH Series

Coding Principle

SVH/SMH-xL -xA - xM - xxx

- xxx: Options
- xM: Material pipe
- xA: Vacuum pipe
- xL: Receiver Capacity (unit:L)
- SMH: Vacuum Hopper Receiver
- SVH: Photosensor Hopper Receiver

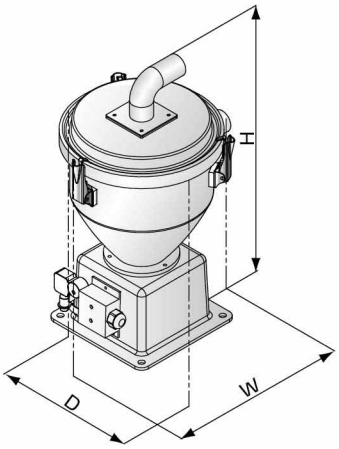
Features

- This series of hopper receiver can work with most of the main vacuum units, such as SAL-G and SAL-UG series.
- SMH receiver is suitable for mounting on the dryer, storage tank, or machine hopper.
- SVH receiver is designed to be mounted directly on feeding throat of the plastic processing machine. It required no machine hopper and kept very little dried material before the process.
- Stainless steel hopper receiver.
- Standard equipped with steel wired mesh filter screen.

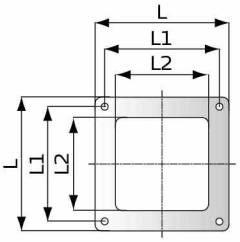
Options

- Optional enhanced mixing technology for proportional valve SPV-U application. Add “QM” at the end of the model code.

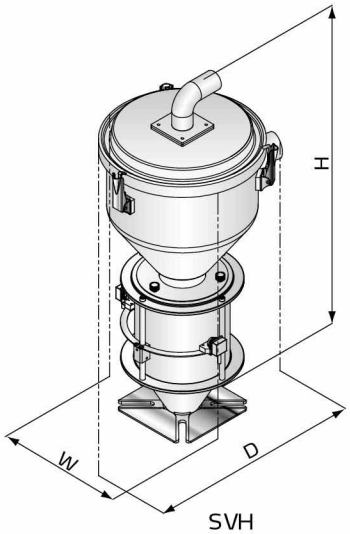
Outline Drawings



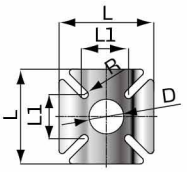
SMH



Base Flange



SVH



Base Flange

SVH Specifications

Receiver				Conveying pipe dia (inch)	Vacuum pipe dia. (inch)
Model	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

Receiver				Conveying pipe dia. (inch)	Vacuum pipe dia. (inch)
	Capacity (L)	Dimension H×W×D (mm)	Weight (kg)		
SMH-6L	6	460 × 260 × 315	7	1.5	1.5
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			



SHR-U

SHR-U Series

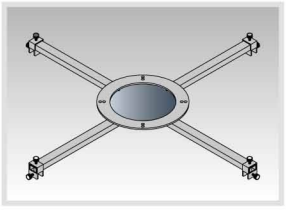
Coding Principle

SHR - xU - xA- xM - xxx

- xxx → Options
- xM → Material pipe
- xA → Vacuum pipe
- xU → x: Hopper Capacity; U: U Series
- SHR → SHR: Shini Hopper Receiver

Features

- This series of hopper receiver can work with the most of main vacuum units and Shini compact dryer SCD, SAL-UG series required 4 pins receiver, and SCD series required 4 pins receiver.
- SHR-U receiver is suitable for mounting on the dryer, storage tank, or machine hopper.
- Stainless steel hopper receiver.
- Standard equipped with steel wired mesh filter screen.



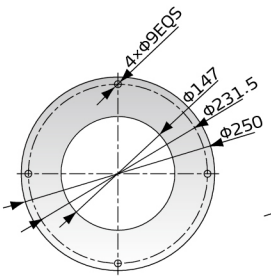
Multifunctional installation frame HMB

Options

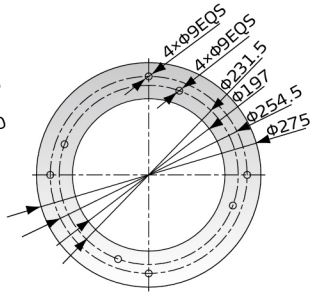
- Multi-functional installation frame HMB suitable for other mounting application with max. 900mm adjustable diameter. Add “HMB” at the end of the model code.
- Optional enhanced mixing technology for proportional valve SPV-U application. Add “QM” at the end of the model code.
- Anti-bridge option at the material outlet for SHR-48U. Applicable for flowing material but bridging from time to time only. Add “MB” at the end of the model code.

SHR-U-(E) Series

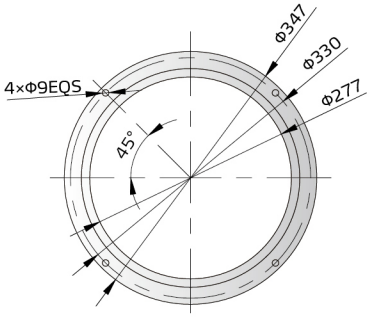
Outline Drawings



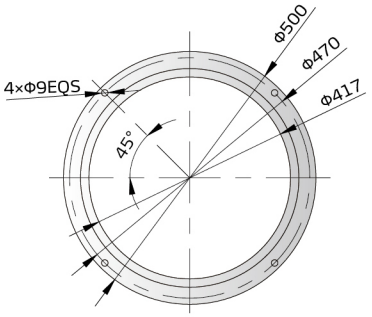
SHR-3U
Base Flange



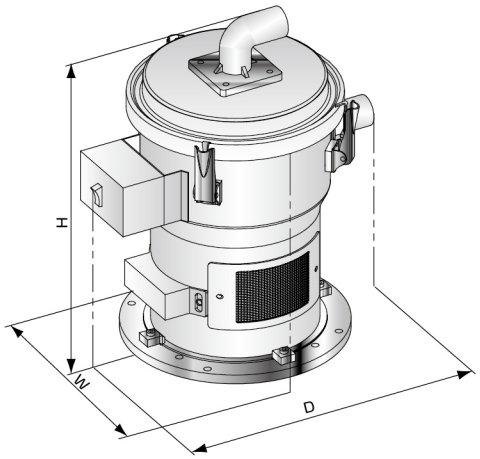
SHR-6U~24U
Base Flange



SHR-36U~96U
Base Flange



SHR-120U
Base Flange



SHR-U

Specifications

Receiver				Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)
Model	Capacity (L)	Dimension(H×W×D) (mm)	Weight (kg)		
SHR-3U	3	380 × 250 × 330	4	1.5	1.5
SHR-6U	6	420 × 285 × 360	6	1.5	1.5
SHR-12U	12	470 × 315 × 400	7	1.5	1.5
SHR-24U	24	690 × 315 × 400	9	2	2
SHR-36U	36	822 × 348 × 457	11	2	2.5
SHR-48U	48	976 × 348 × 455	15	2.5	3
SHR-96U	96	1095 × 428 × 562	20	2.5	3
SHR-120U	120	1163 × 526 × 737	42	2.5	3



SHR-U-S

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

Coding Principle

SHR – xU – S(ES) - (T) - xxx

- Options
- Three-way vacuum pipe
- S: Central Vacuum Hopper Receiver
  ES: Central Photosensor Hopper Receiver
- x: Hopper Capacity
  U: U Series
- Shini hoppper receiver



SHR-U-ES

Features

- This series of centralized hopper receiver can work with the most of central vacuum units such as SAL-UG 122/124 and central conveying system.
- SHR-U-S receiver is suitable for mounting on the dryer, storage tank, or machine hopper.
- SHR-U-E receiver is designed to be mounted directly on feeding throat of the plastic processing machine. It required no machine hopper and kept very little dried material before the process.
- SHR-U-S-T or SHR-U-ES-T can work with multi-component batch blending or injection application. The three-way vacuum pipe allows easy connection of vacuum pipe from receiver to reciever in short proximity application.
- Stainless steel hopper receiver.
- The vacuum valve is used to ensure a good vacuum line without compromising the most demanding conveying capacity.
- Standard equipped with steel wired mesh filter screen.

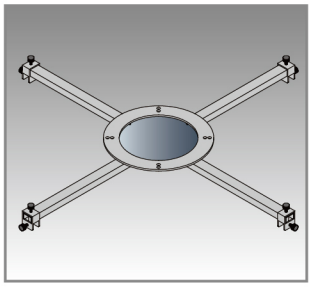


SHR-U-ST

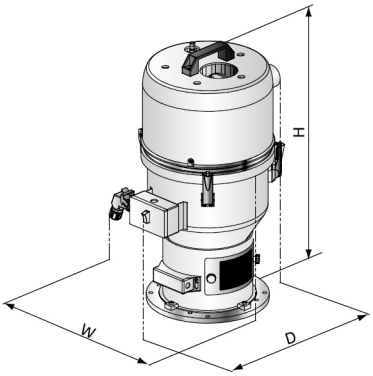
SHR-U-S/ES-(T) Series

Options

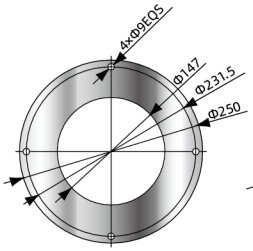
- Multiple-functuional installation frame HMB suitable for other mounting application with max. 900mm adjustable diameter.
- The optional material one-way flap on each receiver to ensure good vacuum in the common material line conveying system. Add "RSV" at the end of the model code.
- The material discharge flap with extra thickness. Add "SD" at the end of the model code.
- Anti-bridge option at the material outlet for SHR-48U. Applicable for flowing material but bridging from time to time only. Add "MB" at the end of the model code.
- The optional pneumatic check valve is available for SHR-12U/24U/36U-S to avoid suck-back when the material pipe is shared by several hoppers, and add "PSV" at the end of the model code.



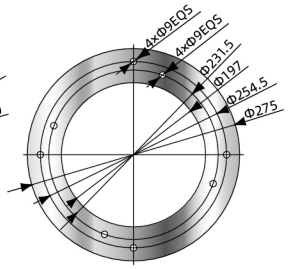
Multifunctional installation frame



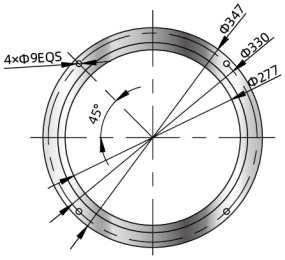
SHR-U-S



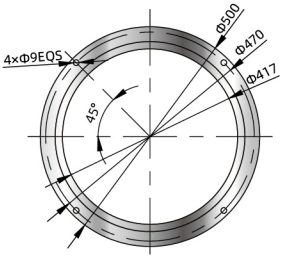
SHR-3U-S Base Flange



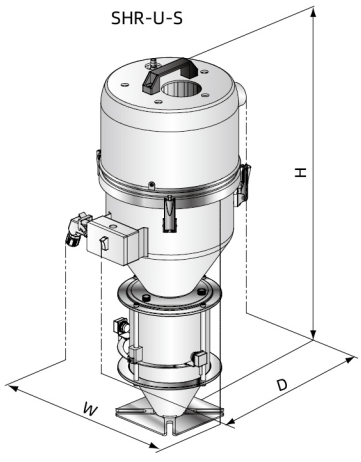
SHR-6U-S~SHR-24U-S Base Flange



SHR-36U-S~SHR-96U-S Base Flange



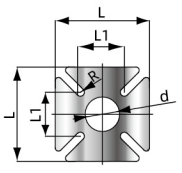
SHR-120U-S Base Flange



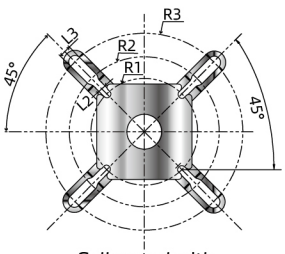
SHR-U-ES

SHR-U-S Specifications

Model	Receiver: Capacity (L)	Receiver: Dimension (H×W×D) (mm)	Receiver: Weight (kg)	Convieying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)
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	9.5		
SHR-12U-S	12	615 × 335 × 405	9	1.5	2
SHR-12U-ES		810 × 335 × 405	14		
SHR-24U-S	24	825 × 335 × 405	11	2	2.5
SHR-24U-ES		1255× 400 × 405	15		
SHR-36U-S	36	1094 × 394× 469	12	2	2.5
SHR-48U-S	48	1242 × 394 × 456	18	2.5	3
SHR-96U-S	96	1474 × 475 × 556	23	2.5	3
SHR-120U-S	120	1458 × 578 × 668	62	3	3.5



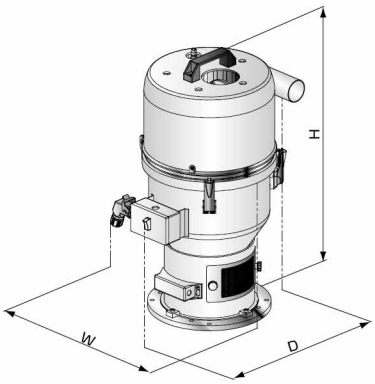
SHR-U-ES Base Flange



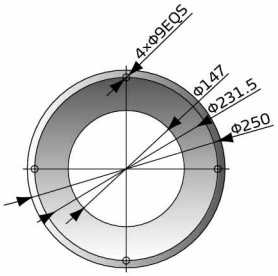
Collocated with Hopper Pressure Block

SHR-U-S Base mounting dimensions

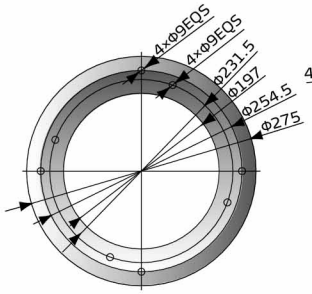
Model	L(mm)	L1(mm)	L2(mm)	L3(mm)	d(mm)	R(mm)	R1(mm)	R2(mm)	R3(mm)
SHR-3U-ES	120	50	-	-	40	6.5	-	-	-
SHR-6U-ES	150	70	13	20	55	6.5	168	236	310
SHR-12U-ES	180	80	13	20	55	6.5	182	250	324
SHR-24U-ES	180	85	13	20	80	6.5	189	257	331



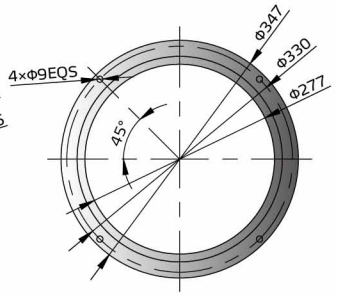
SHR-U-ST



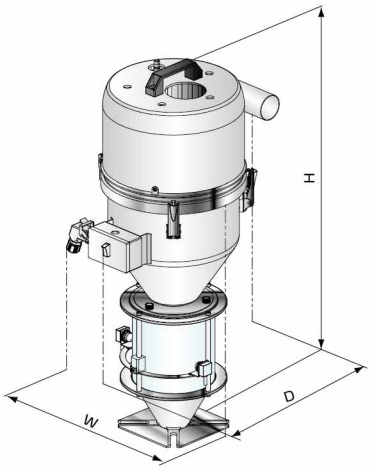
SHR-3U-ST
Base Flange



SHR-6U-S~SHR-24U-ST
Base Flange



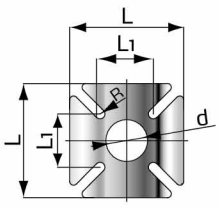
SHR-36U-ST~SHR-48U-ST
Base Flange



SHR-U-EST

SHR-U-ST Specifications

Receiver				Convieying Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)
Model	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	9.5		
SHR-12U-ST	12	615 × 305 × 440	9	1.5	2
SHR-12U-EST		810 × 305 × 440	14		
SHR-24U-ST	24	825 × 305 × 455	11	2	2.5
SHR-24U-EST		1255× 400 × 455	15		
SHR-36U-ST	36	1094 × 349 × 510	12	2	2.5
SHR-48U-ST	48	1242 × 349 × 504	18	2.5	3



SHR-U-EST
Base Flange

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



SLHR-U-S Series

Coding Principle

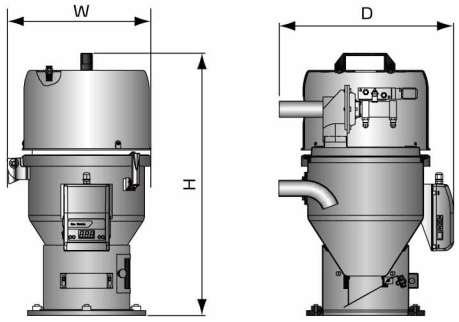
SLHR - xU - S - A - M - xxx

- xxx → Options
- M → Material pipe
- A → Vacuum pipe
- S → S stands for central vacuum
ES stands for central photosensor hopper receiver
- xU → x stands for effective capacity
U stands for U series
- SLHR → Single wire hopper receiver

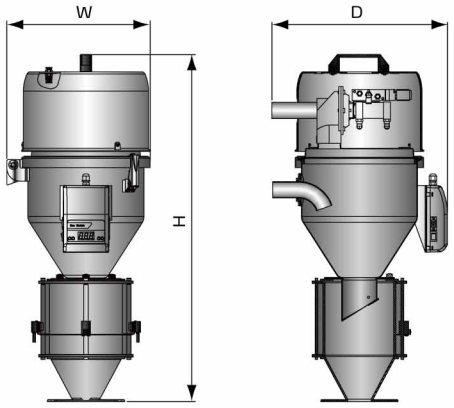
Features

- This product is mainly used for single wire central conveying system.
- SLHR-3U/6U/12U material pipe and vacuum pipe with a selection of 1.5" or 2" pipe.
- SLHR-U-24U material pipe and vacuum pipe with a selection of2" or 2.5" pipe.
- The glass pipe is installed at the bottom of SLHR-U-E for temporary storage to ensure no material shortage during the conveying to realize continuous production.
- Stainless steel hopper ensures no material contamination.
- Equipped with vacuum separating valve that can effectively open/close the vacuum loop.
- Standard equipped with steel mesh filter.

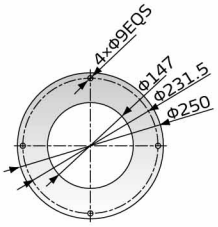
Outline Drawings



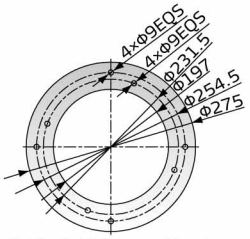
SLHR-U-S



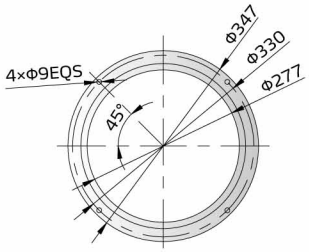
SLHR-U-ES



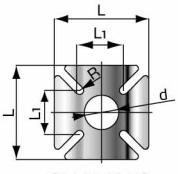
SLHR-3U-S mounting base



SLHR-6U~24U-S mounting base



SLHR-36U~96U-S mounting base



SLHR-U-ES
mounting base

Specifications

Model	Capacity (L)	Dimension (H×W×D) (mm)	Weight (kg)	Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)
SLHR-3U-S	3	600×270×335	4.5	1.5/2	1.5/2
SLHR-3U-ES		745×270×330		1.5/2	1.5/2
SLHR-6U-S	6	565×305×385	7.5	1.5/2	1.5/2
SLHR-6U-ES		730×305×385	9.5	1.5/2	1.5/2
SLHR-12U-S	12	615×335×410	9	1.5/2	1.5/2
SLHR-12U-ES		810×335×410	14	1.5/2	1.5/2
SLHR-24U-S	24	825×335×405	11	2/2.5	2/2.5
SLHR-24U-ES		1255×400×405	15	2/2.5	2/2.5
SLHR-36U-S	36	1094×394×469	12	2/2.5	2/2.5
SLHR-48U-S	48	1242×394×456	18	2/2.5	2.5/3

SLHR-U-ES base installation dimension

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

We reserve the right to change specifications without prior notice.



SHR-P-30U

SHR-PB-30U

SHR-P/PB-U Series

Coding Principle

SHR - P/PB – xU

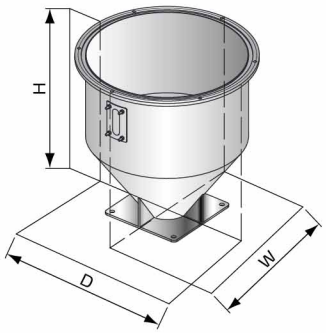
- x: Hopper Capacity
  U: U Series
- PB: Powder Hopper with Butterfly Valve
- P: Powder Conveying
- Shini Hopper Receiver

Features

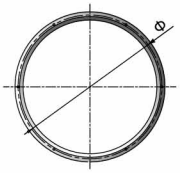
- SHR-P-U series works in combination with SAL-UGP, and SHR-PB-U wirks in combination with SAL-UGPB.
- SHR-P-U consists of two categories, the cloth mesh filter and the plate filter.
- SHR-PB-U adopts a butterfly valve with a DN250 port to avoid material bridging and ensure rapid discharge.
- SHR-PB-U adopts sinter-plate filtering with high filtration, which is suitable for powder material conveying.
- Stainless steel hopper receiver.
- The vacuum valve is used to ensure a good vacuum line without compromising the most demanding conveying capacity.
- All models equipped with auto-purge after each conveying cycle. It maintains a good conveying result and reduces maintenance.

Accessory

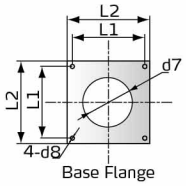
Collective storage hopper SCH-P-30U/60U/90U is available for the SHR-P-30U/60U/90U.



SCH-P-U



Hopper Cover



Base Flange

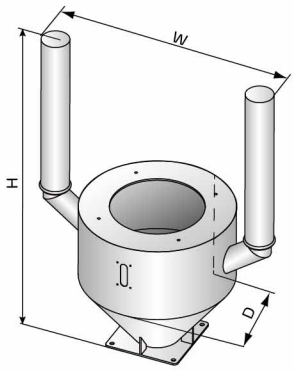
SCH-P-U

Model	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight(kg)
SCH-P-30U	30	425 × 470× 470	9
SCH-P-60U	60	416 × 590× 590	11
SCH-P-90U	90	536 × 590× 590	13

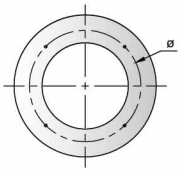
SCH-P-U Flange/Cover

Model	L1(mm)	L2(mm)	d5(mm)	d6(mm)	Φ(mm)
SCH-P-30U	180	210	Φ100	Φ11	450
SCH-P-60U	180	210	Φ127	Φ11	570
SCH-P-90U	180	210	Φ127	Φ11	570

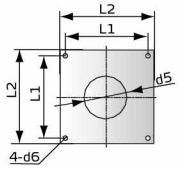
SCH-PB-U



SCH-PB-U



Hopper Cover



Base Flange

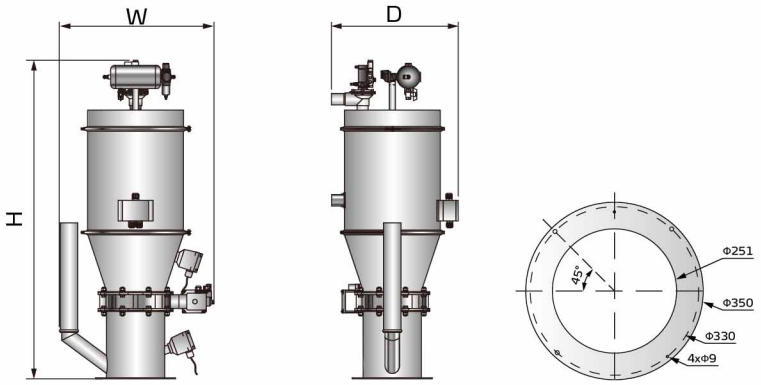
SCH-PB-U

Model	Hopper capacity (L)	Dimension(H×W×D) (mm)	Weight(kg)
SCH-PB-30U	30	875 × 685×425	13
SCH-PB-60U	60	935 × 805× 545	24
SCH-PB-90U	90	970 × 805× 545	26

SCH-PB-UFlange/Cover

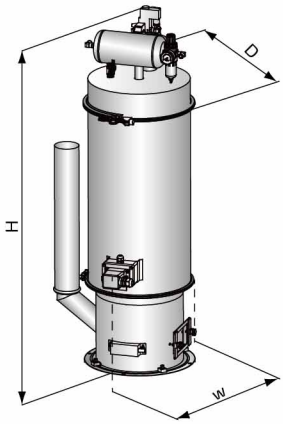
Model	L1(mm)	L2(mm)	d5(mm)	d6(mm)	ø(mm)
SCH-PB-30U	180	210	127	11	330
SCH-PB-60U	180	210	127	11	330
SCH-PB-90U	180	210	127	11	330

Outline Drawings

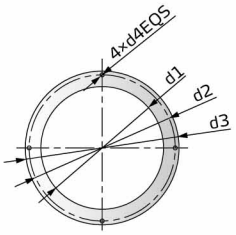


SHR-PB-U

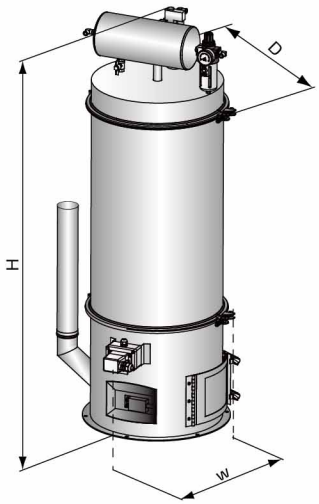
Outline Drawings



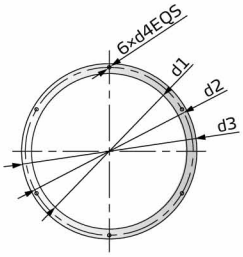
SHR-P-12U



SHR-P-12U
Base Flange



SHR-P-30U~SHR-P-90U



SHR-P-30U~SHR-P-90U
Base Flange

Specifications

SHR-P-U

Model	SHR-P-12U	SHR-P-30U	SHR-P-30U-2	SHR-P-60U	SHR-P-60U-3	SHR-P-90U	SHR-P-90U-5
Hopper capacity (L)	12	30	30	60	60	90	90
H(mm)	1149	1359	1359	1493	1493	1593	1592
W(mm)	450	604	604	700	700	700	700
D(mm)	450	522	522	664	664	664	664
d1(mm)	280	420	420	542	542	542	542
d2(mm)	330	450	450	570	570	570	570
d3(mm)	350	470	470	590	590	590	590
d4(mm)	Φ9	Φ9	Φ9	Φ9	Φ9	Φ9	Φ9
Weight(kg)	30	41	43	60	63	66	71
Conveying Pipe (inch)	1.5	1.5	1.5	2.0	2.0	2.5	2.5
Vacuum Pipe (inch)	1.5	1.5	1.5	2.0	2.0	2.5	2.5

SHR-PB-U

Model	Dimension(H×W×D) (mm)	Weight(kg)	Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)
SHR-PB-30U	1400×680×560	51	2	2
SHR-PB-60U	1770×680×680	75	2.5	2.5
SHR-PB-90U	1970×680×720	90	3	3



SHR-CP-U

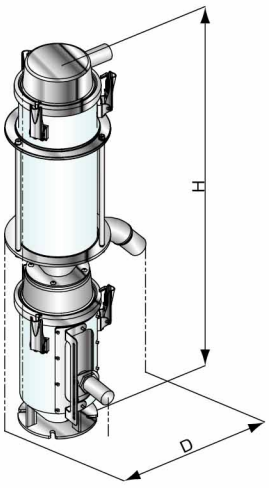
SHR-CP-U Series

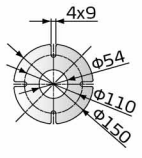
Coding Principle

SHR –CP-U

- U: U Series
- De-dusting Model
- Shini Hopper Receiver

Outline Drawings





Base Flange

Features

- SHR-CP-U hopper receiver mainly works with Shini compact dryer SCD or small vacuum units, such as SAL-820G.
- The unique design receiver hopper separated dust from material directly at the glass section. Dust is carried by return airflow back to filter on the main vacuum unit.
- Stainless steel hopper receiver.
- Adjustable material level sensor for the better de-dusting result.

Specifications

Receiver						Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)
Model	Capacity (L)	De-dust efficiency	Capacity (kg/hr)	Dimension (H×W×D) (mm)	Weight (kg)		
SHR-CP-3U	3	80%	10	820 × 280× 305	8	1.5	1.5

S(I)CH-U(-V) Series



SCH-10U-V SCH-6U SICH-24U

Refer carefully to the manual before operation.

Coding Principle

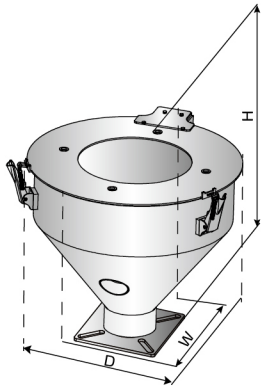
S(I)CH - xU - V

- "V" stands for Visualized
- x: Hopper Capacity U: U Series
- SCH: Shini Storage Collective Hopper
  SICH: Shini Insulated Collective Hopper

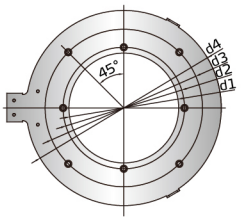
Features

- Storage rollective hopper SCH-U and insulated storage collective hopper SICH-U are mainly used with the vacuum hopper receiver SHR-U and central vacuum hopper receiver SHR-U-S.
- Stainless steel hopper ensures no material contamination.
- Shini Collective Hopper SCH-U-V mainly works with Shini Hopper Receiver SVH-L, SHR-U-E and SLHR-U-E to avoid photosensor misoperation resulting from materials with static or dust.

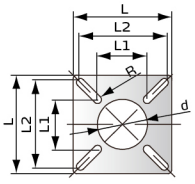
Outline Drawings



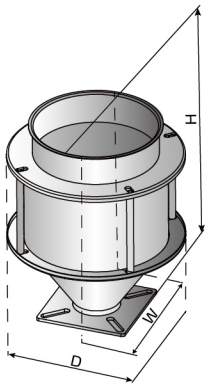
SICH-U



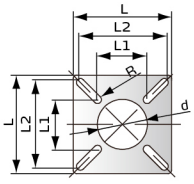
Hopper Cover



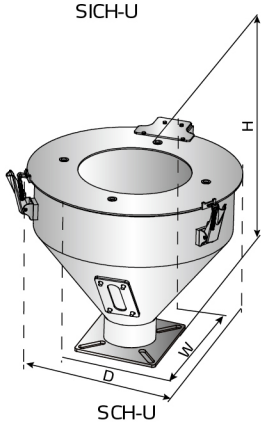
Base Flange



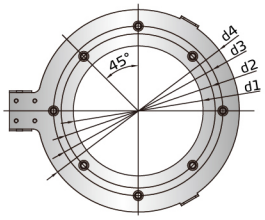
SCH-U-V

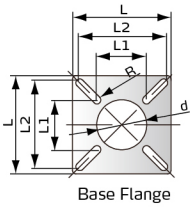


Base Flange



SCH-U





Base Flange

Specifications

SICH-U

Model	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight(kg)
SICH-6U	6	318 × 376 × 408	8
SICH-12U	12	336 × 410 × 450	11
SICH-24U	24	619 × 410 × 450	15
SICH-36U	36	635 × 590× 590	24
SICH-48U	48	735 × 590× 590	28
SICH-96U	96	755 × 580× 580	37
SICH-120U	120	855 × 580× 580	40

SICH-U Flange/Cover

Model	L(mm)	L1(mm)	L2(mm)	d(mm)	d1(mm)	d2(mm)	d3(mm)	d4(mm)	R(mm)
SICH-6U	150	80	122	61	195	254.5	-	368	6.5
SICH-12U	180	81	151.6	77.2	195	254.5	-	409	6.5
SICH-24U	180	81	151.6	77.2	195	254.5	330	409	6.5
SICH-36U	180	81	151.6	77.2	195	254.5	330	509	6.5
SICH-48U	180	81	151.6	77.2	195	254.5	330	509	6.5
SICH-96U	180	81	151.6	77.2	280	-	330	578	6.5
SICH-120U	180	81	151.6	77.2	418	-	470	580	6.5

SCH-U

Model	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight(kg)
SCH-6U	6	275 × 320× 345	4.5
SCH-12U	12	315 × 376× 408	7
SCH-24U	24	330 × 410× 450	9
SCH-36U	36	450 × 410× 450	11
SCH-48U	48	580 × 410× 450	12

SCH-U Flange/Cover

Model	L(mm)	L1(mm)	L2(mm)	d(mm)	d1(mm)	d2(mm)	d3(mm)	d4(mm)	R(mm)
SCH-6U	150	80	130.8	58.5	195	231.5	254.5	304	6.5
SCH-12U	150	80	130.8	58.5	195	254.5	-	368	6.5
SCH-24U	180	85	153	81	195	254.5	330	409	7
SCH-36U	180	85	153	81	195	254.5	330	409	7
SCH-48U	180	85	153	81	195	254.5	330	409	7

SCH-U-V

Model	Hopper capacity (L)	Dimension (H×W×D) (mm)	Weight(kg)
SCH-10U-V	10	336 × 285 × 285	4.5
SCH-16U-V	16	488 × 285 × 285	8

SCH-U-V Flange

Model	L(mm)	L1(mm)	L2(mm)	d(mm)	R(mm)
SCH-10U-V	150	75	128	76	6
SCH-16U-V	150	75	128	76	6



SHR-U-V Series

■ Coding Principle

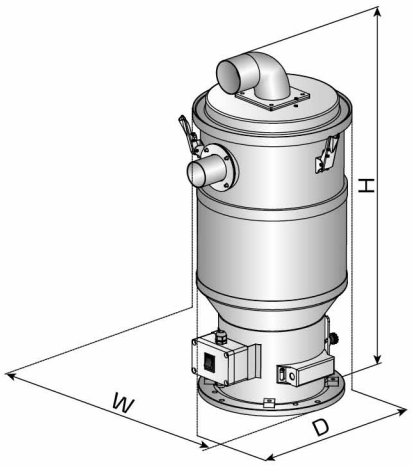
SHR - xU - V

- V → Visualized Hopper
- xU → XX: Hopper Capacity
U:"U" Series
- SHR → Vacuum Hopper Receiver

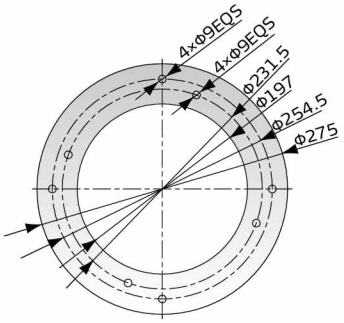
■ Features

- This series of products mainly work with the SAL-UG Separate-vacuum Hopper Loader and SCD "All-in-One" Compact Dryer with four pins connector.
- The hoppers receiver is made from stainless steel and tempered glasses to avoid material contamination.
- The visualize glass hopper design allows the end-user to recognize the material consumption and visual status.
- Standard steel mesh filter.

Outline Drawings



SHR-U-V



Mounting Base

Specifications

Model	Capacity (L)	Dimension (H×W×D) (mm)	Weight(kg)	Conveying Pipe Dia. (inch)	Suction pipe dia. (inch)
SHR-12U-V	12	315×400×560	9	1.5	2
SHR-24U-V	24	315×400×700	11	2	2
SHR-36U-V	36	315×400×910	14	2	2.5
SHR-48U-V	48	315×400×1120	19	2.5	3



SMH-L-S



SVH-L-ES

SVH/SMH-L-S(Es) series

Coding Principle

SVH/SMH - xL - S(ES)

- S: Central Vacuum Hopper Receiver
  ES: Central Photosensor Hopper Receiver
- Receiver Capacity (L)
- Vacuum Hopper Receiver
- Photosensor Hopper Receiver

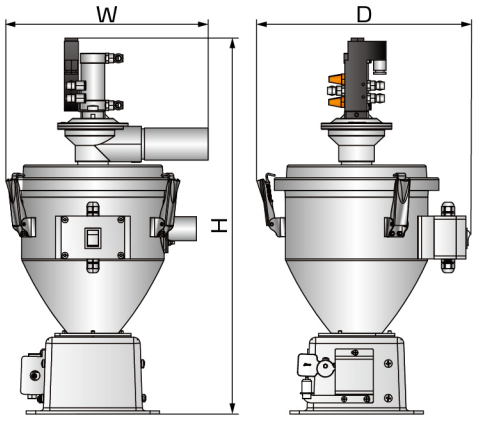
Features

- SVH-L-ES is designed to equip a glass tube holding area at the bottom section. It is suitable for installation at the material feeding port of the injection moulding machine. This setup ensures there is no shortage during material suction for continuous production.
- All areas that come into contact with materials are made of stainless steel to prevent contamination.
- Equipped with a vacuum separation valve, it effectively opens and closes the vacuum circuit.
- Standard equipped with steel wired mesh filter screen.

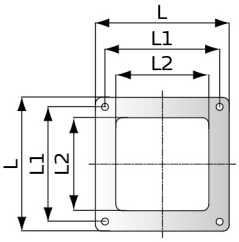
Application

This product series mainly works with the “One-to-Two” Separate Hopper Loader SAL-UG122 or “One-to-Four” Separate Hopper Loader SAL-UG124. It can also be used with the central conveying system. SMH-L-S is suitable for installation on the dryer, storage tank, or other container alike as a material receiver during material conveying processes.

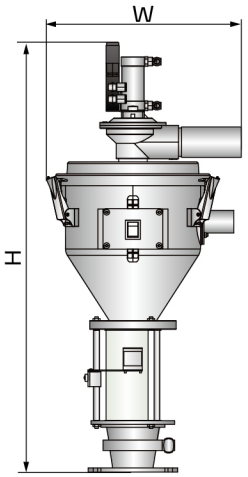
Outline Drawings

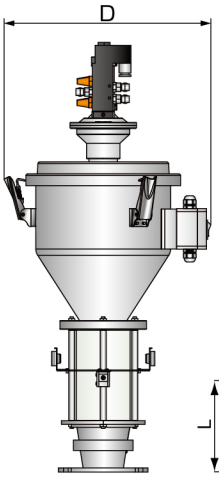


SMH-L-S

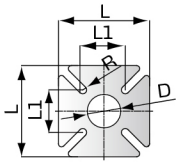


SMH
Mounting Base





SVH-L-ES



SVH
Mounting Base

Specifications

SMH-L-S

Model	Capacity (L)	Dimension (H×W×D) (mm)	Weight (kg)	Conveying Pipe Dia. (inch)	Suction pipe dia. (inch)	Mounting Base (L×L1×L2) (mm)
SMH-6L-S	6	600×320×340	9	1.5	2	210×180×146
SMH-12L-S	12	640×350×390	9	1.5	2	
SMH-24L-S	24	880×360×390	11	2	2.5	

SVH-L-ES

Model	Capacity (L)	Dimension (H×W×D) (mm)	Weight (kg)	Conveying Pipe Dia. (inch)	Suction pipe dia. (inch)	Mounting Base (L×L1×D×R) (mm)
SVH-6L-ES	6	720×330×350	9	1.5	2	150×70×55×6.5
SVH-12L-ES	12	800×360×400	13	1.5	2	180×80×55×6.5
SVH-24L-ES	24	1280×380×400	15	2	2.5	180×80×80×6.5

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