

## Central Hopper Receivers

SHR - US series central hopper receivers are necessary equipments for material loading systems. There are 2 type of hopper: vacuum hopper and photosensor hopper. The vacuum hopper can be mounted directly on the dryer and controlled by magnetic switch to load materials; the photosensor hopper can be installed on moulding machine and controlled by interactive photo - sensor to load materials. Both of them adopt CE standard plug and comply with Europe safety standard. A diaphragm valve is equipped inside, which can work with central vacuum generator and central control station to perform systematic feeding and conveying work.



SHR-6U-S

### Features

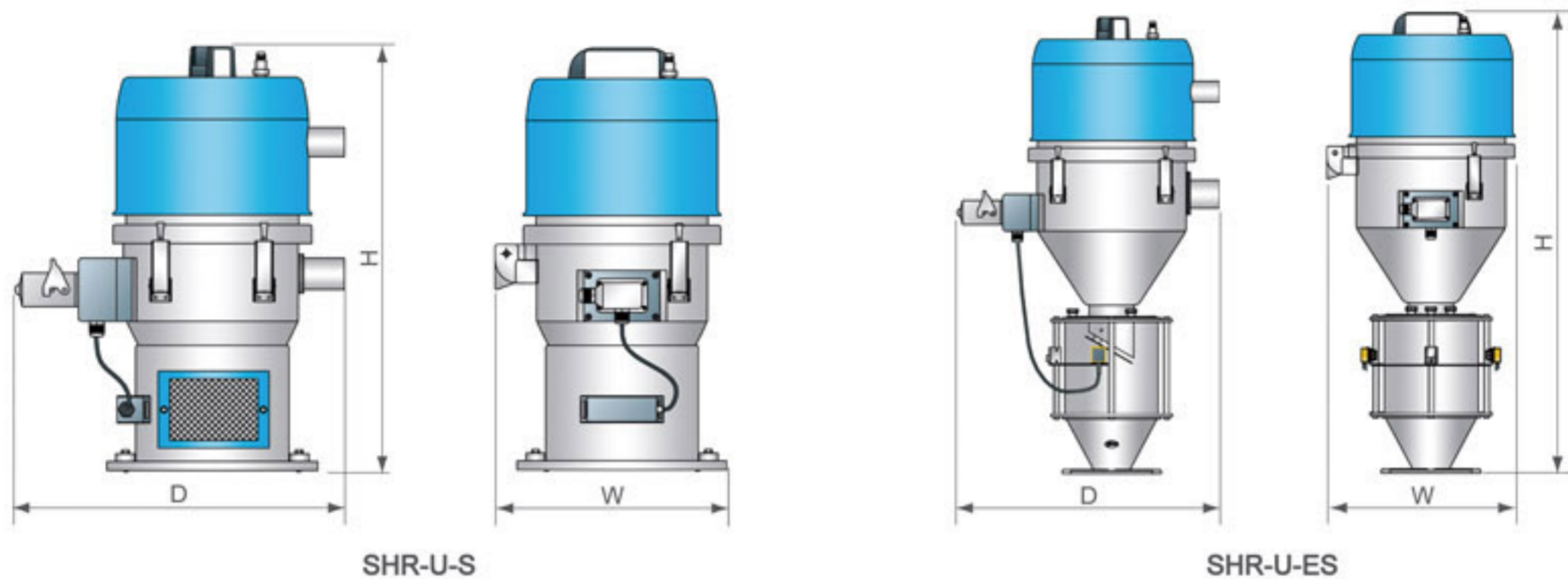
- Vacuum hoppers adopt sensitive reed switch to guarantee materials supply on time without any interruption.
- Photosensor hopper adopts interactive photosensor switch to accurately control loading process.
- A vacuum diaphragm valve is equipped inside.
- Continuous material loading ensures no material shortage.
- Complete structure, light weighted and easy installation.
- All hoppers can be auto - controlled by central controller.
- Stainless steel hopper ensures no material contamination.
- Inside equipped with a stainless steel mesh filter to prevent materials being vacuumed into vacuum line.
- All the hopper receivers are equipped with hinge covers, which ensures mesh filter cleaning conveniently.
- Euro - style design offers classy looking and easy maintenance.
- Euro - style plug to ensure safety and reliable operation.
- It is available to select 14 - hole stainless steel mesh when regrind materials occupy over 30 % of the total conveyed raw materials, To prolong hopper receiver's life circle.
- If several central hopper receivers should share the same material pipe, optional non-return valve or pneumatic non-return valve is available.
- Upon request, it can be built to comply with worldwide electrical safety standards ( For example : CE, UL, CSA, JIS etc. ).



SHR-6U-ES



## Outline Drawings



## Specifications

Model	Hopper Capacity (L)	Loading Pipe Dia. (inch)	Air Suction Pipe Dia. (inch)	Material Level Control Means	Dimensions (mm) H x W x D	Weight (kg)
SHR-3U-S	3	1.5"	1.5"	Magnetic reed switch	585 x 260 x 385	4.5
SHR-6U-S	6	1.5"	1.5"	Magnetic reed switch	555 x 305 x 430	8
SHR-12U-S	12	1.5"	1.5"	Magnetic reed switch	615 x 335 x 475	9
SHR-24U-S	24	2"	2"	Magnetic reed switch	825 x 335 x 475	14
SHR-36U-S	36	2"	2.5"	Magnetic reed switch	1035 x 335 x 475	15
SHR-48U-S	48	2.5"	3"	Magnetic reed switch	1140 x 400 x 540	20
SHR-96U-S	96	2.5"	3"	Magnetic reed switch	1385 x 476 x 625	24
SHR-3U-ES	3	1.5"	1.5"	Interactive photosensor switches	740 x 260 x 385	7
SHR-6U-ES	6	1.5"	1.5"	Interactive photosensor switches	740 x 295 x 430	10
SHR-12U-ES	12	1.5"	1.5"	Interactive photosensor switches	840 x 340 x 475	14
SHR-24U-ES	24	2"	2"	Interactive photosensor switches	1260 x 370 x 475	16

- Note: 1) " S " stands for use in central loading system.  
 2) " E " stands for installation of photosensor.  
 3) " C " stands for filter screen cleaning device.  
 4) " A " stands for air accumulator.  
 5) Voltage: DC 24V.  
 6) Air supply: 4 - 6kg / cm<sup>2</sup>.

We reserve the right to change specifications without prior notice.

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