

## Multi-Loader Conveying System

*Decreases manual handling and improves efficiency.*

Comet's CAL-UG124 multi-station hopper loader series is easy to operate and convenient to install. These models are equipped with a high-pressure blower and four CHR-U-S central vacuum receivers to lower production costs. They can be used with four Comet CDD Honeycomb Matrix drying systems or one CGB gravimetric blender to process plastic materials.

This multi-station approach makes the CAL-UG124 an extremely cost-effective way to convey plastic materials to different molding machines or hoppers.

### Standard Features

- “Multi-Station” (one to four) hopper loaders can lower production costs.
- The dust collection chamber features a cyclone separator and a dust collection bin to effectively reduce the filter load.
- Separate stainless steel vacuum receivers ensure no material contamination.
- Separate dust collector provides a convenient way to remove dust and fines.
- The main unit is equipped with error faults and motor overload indicators.
- The main unit of the CAL-2HP~5HP is equipped with a vacuum-breaking valve.
- The main unit of the CAL-10HP is equipped with a vacuum valve to protect the blower.
- Warning lamp alarm device.
- Easy to install and operate.



**Vacuum Breaking  
Diaphragm Valve**

### Options

- CCH-6U/12U/24U heat insulated storage hoppers can be installed on a reed switch storage hopper or directly on an injection molding machine.
- An air accumulator auto washing filter cleaning device for the main unit removes contamination and recycled material (CAL-3.5HP-UG124 models and above).
- Audible alarm buzzer.



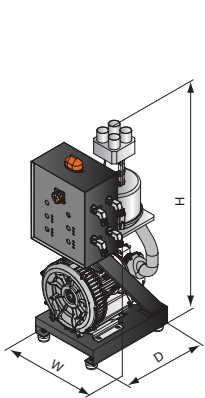
**CAL-5HP-UG124**



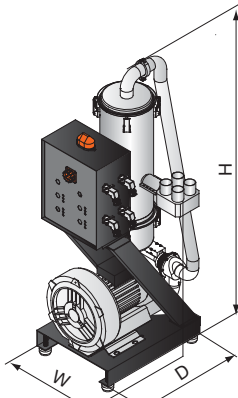
**CHR-6U-S**



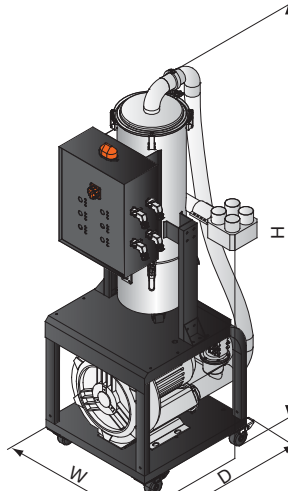
**CHR-24U-S**



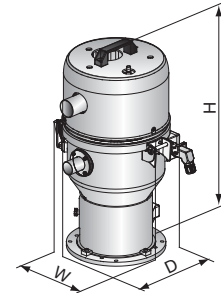
**2~3HP  
(Main Unit)**



**5HP  
(Main Unit)**



**10HP  
(Main Unit)**



**CHR-U-S  
(Hopper Receiver)**

## Specifications

Model	MAIN UNIT				Vacuum Hopper Receivers								Loading Pipe Dia (inch)	Air Suction Pipe Dia (inch)	Loading Capacity	
	Motor Power (kW) (50/60Hz)	Dimensions H x W x D		Weight		Applicable Model	Capacity		Dimensions H x W x D		Weight					
		(mm)	(inch)	(kg)	(lb)		(L)	(gal)	(mm)	(inch)	(kg)	(lb)			(kg/hr)	(lb/hr)
CAL-2HP-UG124	1.5 (3φ)	1050 x 430 x 555	41.3 x 17 x 21.9	60	132	CHR-3U-Sx4	3	0.8	600 x 270 x 340	23.6 x 10.6 x 9	7.5	17	1.5	2	550	1213
CAL-3HP-UG124	1.85 (3φ)	1050 x 430 x 555	41.3 x 17 x 21.9	65	143	CHR-6U-Sx4	6	1.6	560 x 305 x 375	22 x 12 x 14.8	9	20	1.5	2	850	1874
CAL-5HP-UG124	3.7 (3φ)	1380 x 640 x 630	54.3 x 25.2 x 24.8	175	386	CHR-12U-Sx4	12	3.2	615 x 335 x 405	24.2 x 13 x 15.9	9	20	1.5	2	1200	2646
CAL-5HP-UG124-D		1380 x 690 x 630	54.3 x 27.2 x 24.8	180	397										1350	2976
CAL-10HP-UG124	7.5 (3φ)	1830 x 720 x 720	72 x 28.3 x 28.3	185	408	CHR-36U-Sx4	36	9.5	1035 x 335 x 405	40.7 x 13 x 15.9	12	26	2	2.5	1800	3968
CAL-10HP-UG124-D		1830 x 900 x 720	72 x 35.4 x 28.3	192	423										2000	4409

- Notes:**
- 124 = One to Four conveying functions.
  - D = double-stage blower.
  - Select ACF-1 Cyclone Dust Separator for CAL-2HP-UG124 Main Unit.
  - Conveying capacity test condition:  
Bulk density of plastic material: 5.5lb/gal (0.65kg/L)  
Dia.: 0.12~0.2 inch (3~5 mm)  
Vertical conveying height: 4m  
Horizontal conveying distance: 16.4 ft (5m)
  - Power supply: 3Ø, 230/400/460/575V, 50/60Hz

We reserve the right to change specifications without prior notice.

