

Multi-Loader Conveying System

Decreases manual handling and improves efficiency.

Comet's CAL-UG124 four-station central loading system is designed to convey plastic resins and powders for up to four separate stations. This model is equipped with a high-pressure blower and four CHR-U-S central vacuum receivers to lower production costs. All receivers are filterless and feature a central cyclone/filter located on the pump frame. The CAL-UG124 can be used with Comet's CDD Honeycomb Matrix drying systems or 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

- One main vacuum loader for four hopper receivers, suitable for long distance conveying.
- Convey plastic materials to different molding machines or hoppers.
- Back-up on E-Prom in case of power failure.
- Air blow-down design allows dust removal using a cyclone dust separator.
- A dust collection bin for easy cleaning.
- Separate stainless steel CHR-U vacuum receivers ensure no material contamination.
- Stainless mesh vacuum filter with removable dust collection bin to remove dust and fines.
- Vacuum relief valve for quick material discharge, maximizing load, and energy consumption.
- Vacuum pump includes safety filter, relief valve, and motor control that is all mounted on an industrial frame with leveling feet.
- Motor overload indicator and visual alarm.



Vacuum Relief Valve

Options

- CCH-6U/12U/24U heat insulated machine hoppers can be installed on a reed switch hopper or directly onto an injection molding machine.
- Air accumulator auto purging device.
- Audible alarm buzzer.



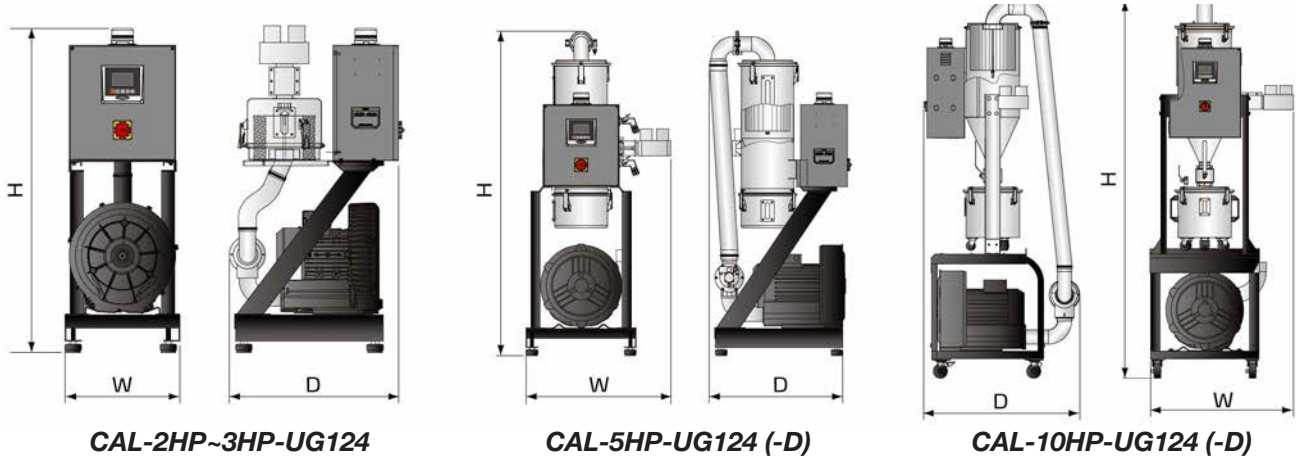
CAL-5HP-UG124



CHR-12U-S



CHR-24U-S

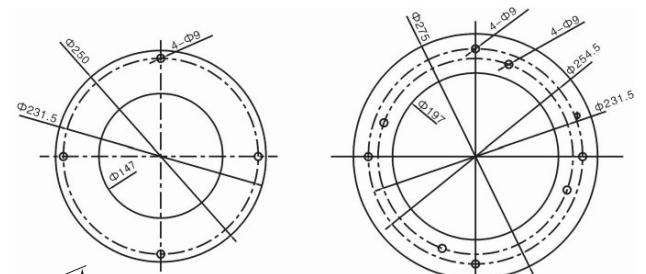


Specifications

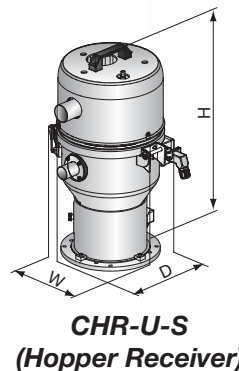
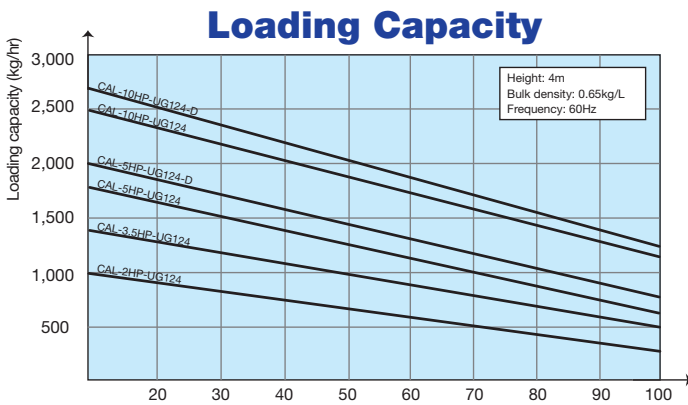
Model CAL-UG124-	MAIN UNIT				Hopper Receiver				Conveying Pipe Dia (inch)	Vacuum Pipe Dia (inch)	Conveying Capacity			
	Motor Power (kW) (50/60Hz)	Dimensions H x W x D		Weight		Applicable Model	Capacity				(kg)	(lb)	(kg/hr)	(lb/hr)
		(mm)	(inch)	(kg)	(lb)		(L)	(gal)						
2HP	1.5 / 1.8	985 x 350 x 516	39 x 14 x 20	60	132	CHR-3U-S (x4)	3	0.8	4.5	10	1.5	2	550 / 600	1213 / 1322
3HP	1.85 / 2.0	985 x 350 x 516	39 x 14 x 20	65	143	CHR-6U-S (x4)	6	1.6	7.5	17	1.5	2	800 / 850	1764 / 1873
5HP	3.7 / 4.2	1384 x 620 x 571	55 x 24 x 23	175	386	CHR-12U-S (x4)	12	3.2	9	20	1.5	2	1200 / 1210	2646 / 2666
5HP-D	3.4 / 3.8	1384 x 659 x 571	55 x 26 x 23	180	397								1350 / 1400	2976 / 3084
10HP	7.5 8.6	2020 x 765 x 836	80 x 30 x 33	185	408	CHR-36U-S (x4)	36	9.5	12	26	2	2.5	1800 / 1850	3968 / 4076
10HP-D		2020 x 934 x 836	80 x 37 x 33	192	423								2000 / 2050	4409 / 4516

- Notes:**
1. D = Double-stage blower.
 2. 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: 13 ft (4m)
Horizontal conveying distance: 16.4 ft (5m)
 3. Power supply: 3Ø, 230/400/460/575V, 50/60Hz

We reserve the right to change specifications without prior notice.



Hopper Base Installation Size



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