

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" hopper loaders can lower production costs.
- The dust collection chamber features a cyclone separator and a dust collector bin to effectively reduce the filter load.
- Separate stainless steel vacuum receivers ensure no material contamination.
- Separate dust collector to provide 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 while the CAL-7.5HP~10HP is equipped with a vacuum valve to protect the blower.
- Warning lamp alarm device.
- Easy to install and operate.

Options

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



CAL-5HP-UG124

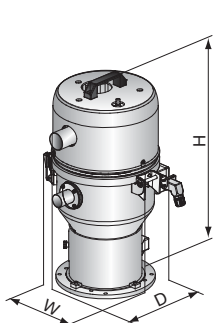


CHR-6U-S

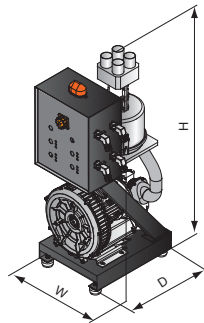


CHR-24U-S

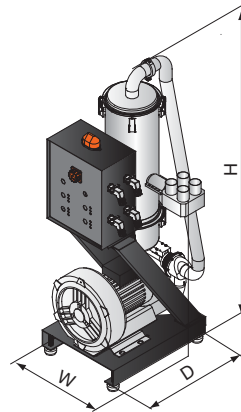
Outline Drawings



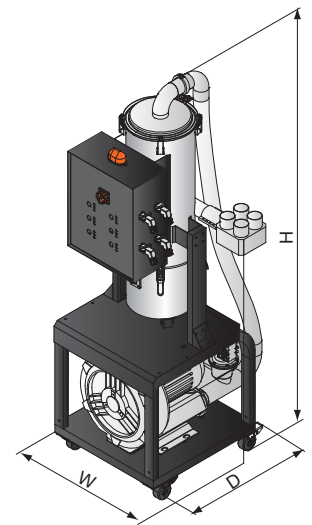
CHR-U-S



CAL-2HP-UG124

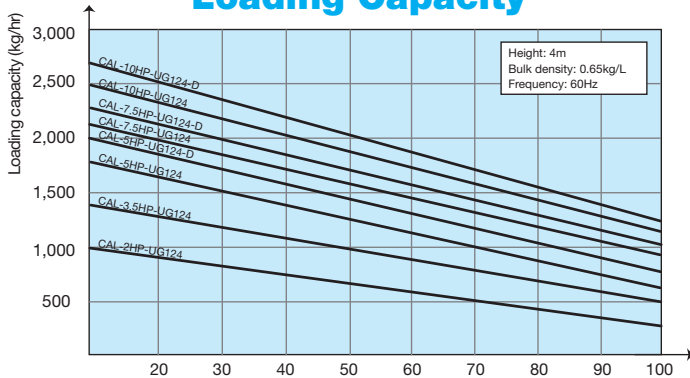


CAL-3.5HP~5HP-UG124



CAL-7.5HP~10HP-UG124

Loading Capacity



Specifications

| Model | MAIN UNIT | | | | HOPPER RECEIVERS | | | | Loading Pipe Dia (in) | Air Suction Pipe Dia (in) | Loading Capacity (lb/hr) |
|-------------------|-----------------------------|---------------|---------------------------|-------------|------------------|--------------|---------------------------|-------------|-----------------------|---------------------------|--------------------------|
| | Motor Power (kW, (50/60Hz)) | Specification | Dimensions H x W x D (mm) | Weight (kg) | Applicable Model | Capacity (L) | Dimensions H x W x D (mm) | Weight (lb) | | | |
| CAL-2HP-UG124 | 1.5 / 1.8 | 3φ | 1050 x 430 x 555 | 60 | 4 x CHR-3U-S | 3 | 585 x 260 x 385 | 10 | 1.5" | 2" | 1,212 |
| CAL-3.5HP-UG124 | 2.4 / 2.6 | 3φ | 1380 x 565 x 615 | 130 | 4 x CHR-6U-S | 6 | 550 x 305 x 430 | 16.5 | 1.5" | 2" | 1,874 |
| CAL-5HP-UG124 | 3.75 / 4.2 | 3φ | 1380 x 565 x 615 | 175 | 4 x CHR-12U-S | 12 | 616 x 335 x 475 | 20 | 1.5" | 1.5" | 2,645 |
| CAL-5HP-UG124-D | | | 1380 x 790 x 615 | 180 | | | | | | | 2,976 |
| CAL-7.5HP-UG124 | 5.5 / 6.3 | 3φ | 1830 x 720 x 720 | 181 | 4 x CHR-24U-S | 24 | 826 x 335 x 475 | 24 | 2" | 2" | 3,197 |
| CAL-7.5HP-UG124-D | | | 1830 x 900 x 720 | 183 | | | | | | | 3,527 |
| CAL-10HP-UG124 | 7.5 / 8.6 | 3φ | 1830 x 720 x 720 | 185 | 4 x CHR-36U-S | 36 | 1036 x 335 x 475 | 26.5 | 2" | 2.5" | 3,968 |
| CAL-10HP-UG124-D | | | 1830 x 900 x 720 | 192 | | | | | | | 4,409 |

Notes: 1. 124 = One to Four conveying functions.

2. D = double-stage blower.

3. Select ACF-1 Cyclone Dust Separator for CAL-2HP-UG124 Main Unit.

4. Optional air accumulator and filter cleaning device for CAL-3.5HP-UG124 models and above.

5. Conveying capacity test condition:

Bulk density of plastic material: 0.65kg/L

Dia.: 3~5 mm

Vertical conveying height: 4m

Horizontal conveying distance: 5m

6. Power supply: 3Ø, 230/400/460/575V, 50/60Hz

We reserve the right to change specifications without prior notice.



PLASTIC EQUIPMENT, LLC

6555 Garden Rd. Units 14/15

Riviera Beach FL 33404

800-328-5088

Fax: (561) 841-0400

