

Bulk Bag Unloading Stations

Basic AJAX Model
BBU-10-(100)2

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- Easy to assemble
- Totally adjustable in 2-inch increments
- Vibrators provide enhancement to the discharge flow
- Stations can be upgraded
- Custom design alternatives

The AJAX "Basic" Model BBU-10-(100)2 Bulk Bag Unloader is designed for adjustability. Bulk bags vary in size and configuration. Renold's BBU is designed for flexibility and can accommodate changes without having to purchase expensive retrofit components or another unloading station.

Users of Bag Unloaders receive products from many suppliers. It is not uncommon for bulk bags to vary in straight walls and stirrup length. Renold's BBU's adjustable frame can help solve the problems associated with maintaining straight walls for unloading. Straight walls ensure that materials will discharge smoothly. They provide the maximum surface area to be moved toward the discharge center when the side stimulators are activated. Pneumatic vibrators provide extra flow assistance, and are mounted on each stimulator.

Optional hopper vibrator (pneumatic or electric) with a removable headload load deflector and hinged cover access provide additional flow enhancement methods to the Operator. All vibrators are manually activated.

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Options

- Trolley/hoist bag lifting frame
- Station load cells for loss in weight, metering batches
- PLC for interfacing with other process equipment, or automating the discharge sequence

Types of Models

Basic

Two-inch increment adjustable frame, removable bag hanging frame, dual stimulators with pneumatic vibrators, iris valve, access panel, 5 cu. ft. collection hopper and various discharge feeders with pneumatic and electrical controls. Disassembled for shipment, easy to erect. This model satisfies the need to unload bags with forklift assistance properly, and is the most affordable method.

Standard

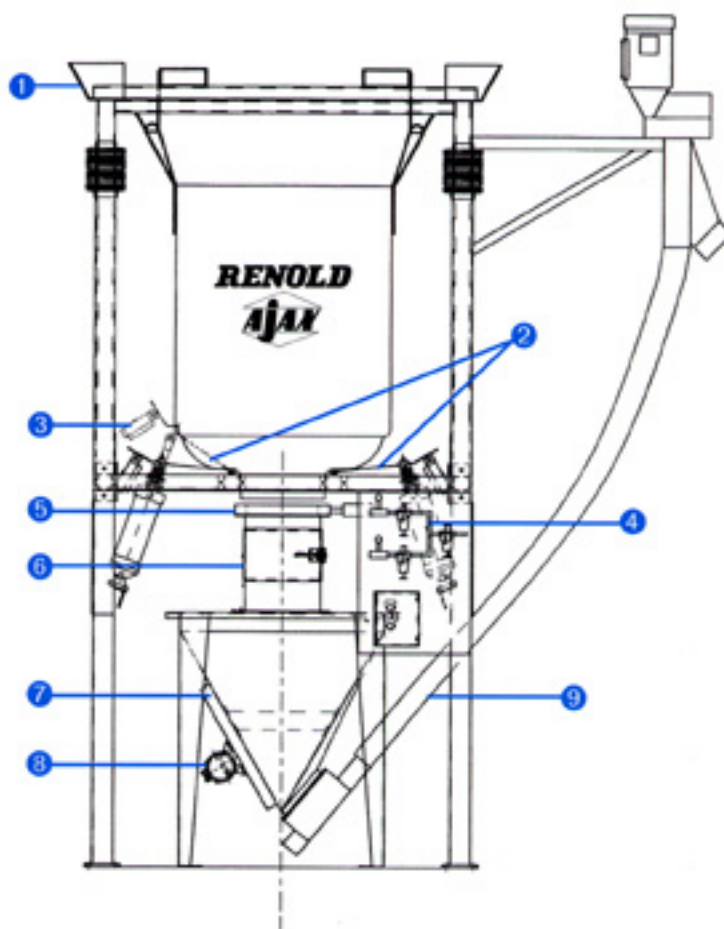
Heavy-duty tubular bolted-together frame, with the same features offered in the Basic model. Frame, stimulators and controls are assembled for shipment. Discharge feeders must be assembled in the field. This option can be upgraded.

Enhanced

Custom-designed with the same Standard model featured components. This model utilizes either or both Trolley/Hoist lift and load cell options. All sub-assemblies are typically shipped loose for field assembly, including the Operator's panel.

For more information about your process or your bag unloading requirements, contact our Engineers in our Material Handling Department at:

1-800-879-2529, ext. 256, 254 or 237.



- 1 Adjustable bag height support cross beams
- 2 Individual or simultaneously operated bag bottom stimulators
- 3 High frequency vibration to free densely packed materials
- 4 Manual pneumatic (hand lever) and push button controls
- 5 Iris valve for flow control into the collection hopper
- 6 Operator sealed access door minimizes external dust exposure
- 7 Receiving hopper for storing materials. Optional hinged cover for quick internal inspection
- 8 Hopper vibrator and removable headload deflector prevent clogging, keeping materials in motion
- 9 Flexible screw for elevating materials into a process, in-line with the station

Vibratory feeder (not shown) transfers materials below the station floor level.

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Material Handling Products

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