

# Parts Storage Devices

## Side Delivery Hoppers



*The Model 8230 Side Delivery Hopper, on this PEECO Tooled Feeder System, delivers parts on command to the 30-inch feeder bowl.*

### Description

The Model 8200 Series of Side Delivery Hoppers are basically vibrating storage bins for vibratory feeders and are available in sizes of 1, 2, 3, or 4 cubic feet. Larger sizes are available upon request.

The Model 8400 Series hopper is a much smaller 1/3 cubic-foot and includes a fixed-height pedestal for mounting on the same platform as the feeder.

All models use a Level Control Switch (ADI Model 8650) to signal the hopper that parts are needed by the vibratory feeder. An electrical vibrator (requiring an amplitude controller) is built into the hopper floor and operates on command to provide a regulated flow of parts to replenish the feeder bowl and to eliminate bowl overloading.

The Model 8200 Series hopper models are mounted on an adjustable-height telescoping center column permanently attached to a rigid base plate. The hopper bin is isolated on elastomeric vibration mounts to prevent noise transmission to the pedestal. Both the hopper door opening and the chute angle are adjustable. Special hopper construction, air vibrators, and various bin linings are available.

A separate amplitude controller, ADI's Model 6000 Series (set to the **DC** mode of operation), is **required** to regulate the amplitude of the hopper bin's vibration, allowing a more precise part delivery rate from the hopper. To prevent the hopper from overfilling the vibratory feeder or other using machine, Automation Devices makes the Model 8650 Level Control Switch (see page I4).

When ordering a Side Delivery hopper, specify the drop discharge height (see the illustration on the following page). Allow for chute adjustment for proper gravity feed.

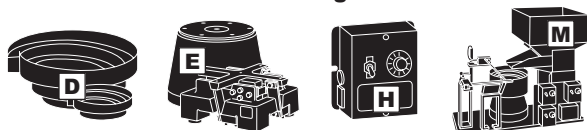
## Side Delivery Hopper Models

Model Number	Capacity (cubic feet)	Standard Discharge Height (inches)	Input Voltage	Input Current
8400.1	1/3	12	120 VAC	0.1 A
8400.2			240 VAC	0.05 A
8200.1	1	48	120 VAC	1.5 A
8200.2			240 VAC	0.75 A
8230.1	2	48	120 VAC	1.5 A
8230.2			240 VAC	0.75 A
8260.1	3	48	120 VAC	3.0 A
8260.2			240 VAC	1.5 A
8290.1	4	48	120 VAC	3.0 A
8290.2			240 VAC	1.5 A



*The convenient telescoping stand assembly on the Model 8200 Series simplifies height adjustment. The Standard Discharge Height is 48 inches with an adjustment range of ±5 inches.*

Please refer to the following Sections for additional information.



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