

MODEL 5600 SERIES OVERHEAD HOPPER

Description

The Overhead Hopper is ADI's most versatile hopper. It operates without the need for a direct source of vibration and electrical power. This independence combined with an extremely flexible mounting system yields a hopper suited to perform exceptionally well in a wide variety of vibratory feeding applications.

Ideal for applications where minimal vibration of the product is desired, the overhead hopper is capable of accelerated feed rates without promoting further damage to the product. The hopper's unique shape controls the flow of material or parts. It will generally feed any part or product that does not have a tendency to *severely bind or tangle*. The overhead hopper is frequently sought by Pharmaceutical and Medical Packaging Industry affiliates for its ease of use and versatility.

Generally, the distance of the rubber sleeve from the vibratory feeder bowl controls the flow rate: the more distance between the rubber sleeve and the feeder bowl, the higher the feed rate. However, the hopper's feed rate can be influenced by utilizing either back pressure from parts in the bowl to constrict part feed rate or the vibratory feeder's vibration to accelerate the release rate. Please consult an ADI engineer for information regarding the optimal size hopper for your vibratory feeding application

Features

The overhead hopper is available as a STOCK item in three (3) sizes: 1/4, 1/2, and 1 cubic feet, making delivery usually within a week. Constructed of steel (see bottom for steel gauge specifications), customers are able to choose from a variety of *in stock* color coatings. Please consult the ADI factory for colors currently in stock.

Optional Features

Should the in-stock models not meet your application requirements, ADI will custom engineer and manufacture virtually any size overhead. **We currently have drawings for sizes up to 9 cubic feet, but will gladly design the Overhead Hopper best suited to your application.**

Automation Devices is well accustomed to developing products to satisfy or exceed requirements set forth by the **FDA** and other regulating bodies. **Stainless Steel** construction and/or **FDA approved** coatings and linings are typically used to satisfy and exceed these requirements. Specialized color schemes are also available upon request.

The overhead hopper can also be fitted with a lid to assist in preventing product contamination.

Overhead Model Number	Capacity (cubic feet)	Max Discharge Height (inches)	Steel Gauge
5600A	1/4	15 1/4	16
5600B	1/2	14 1/4	16
5600C*	3/4	13 1/4	14
5600D	1	12 1/4	14

* Indicates not currently a stock item

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