

Disk Feeder

High Speed Automatic Loading of Flat, Even Product

Benchmark Automation offers a complete line of Disk Feeders for high speed automatic loading of rigid products with consistent thickness. These feeders are ideal for restaurant packs or individual portions.

Disk Feeders can be hand loaded or fed from a fully automatic distribution system.

Disk Feeders deliver precise, continuous motion loading of vertically stacked product from a gravity chute or chute elbow. A rotating disk loads product directly into the flights of a horizontal wrapper at speeds up to 500 packages per minute.

Scheduled maintenance is made easy with minimal moving parts and easy access to key components.

Disk Feeders reduce labor cost and minimize repetitive motion while allowing higher wrapper speeds. **ROI is typically under a year.**



The Features You Want!

- ☑ **Efficient, reliable operation**
- ☑ **High speed loading**
- ☑ **Hand or automatic feeding**
- ☑ **Maintenance friendly**
- ☑ **Easy to clean**
- ☑ **No painted surfaces**
- ☑ **Short term ROI**

Ideal for product with consistent thickness



"Our equipment is our reputation"

Benchmark Automation, LLC

Typical Product Dimensions

Length: 1" - 6"

Width: 1" - 4"

Height: Based on product thickness variation

Speed: Up to 500 ppm based on product dimensions

Specifications

Power: Line shaft driven

Controls: Wrapper stop signal on clutch overload

Standard Features

- ▶ 304 stainless steel frame
- ▶ 304 stainless steel guards
- ▶ Rotating disk driven from gearbox
- ▶ Single position overload clutch

Options

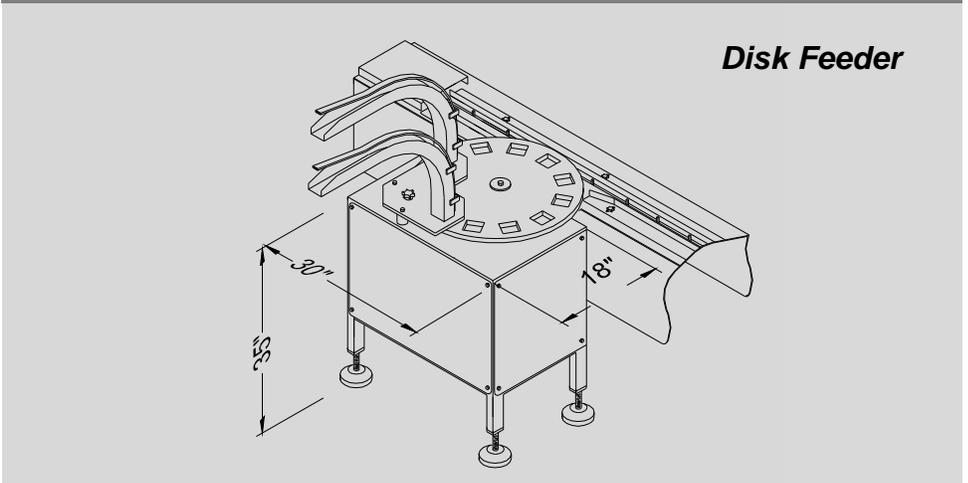
- ▶ Vertical or horizontal configuration
- ▶ Multiple feed locations
- ▶ Servo Drive Package
- ▶ Fully automatic feed system

Benchmark Automation reserves the right to change or discontinue specifications and designs shown in this brochure without notice or recourse.



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Approximate Dimensions



Construction

Our rugged design and attention to detail result in long equipment life. Using stainless steel construction throughout, this feeder is built to perform year after year. Paint free surfaces eliminate the concern of product contamination caused by flaking or chipping.

Easy to Operate

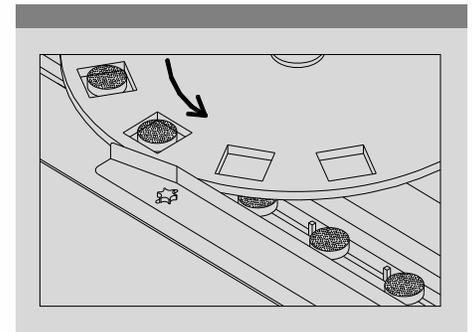
Operators hand load gravity chute(s) with groups of product. Systems can be provided with fully automatic distribution systems. Disk Feeder mechanically or electronically follows wrapper position.

Short Term ROI

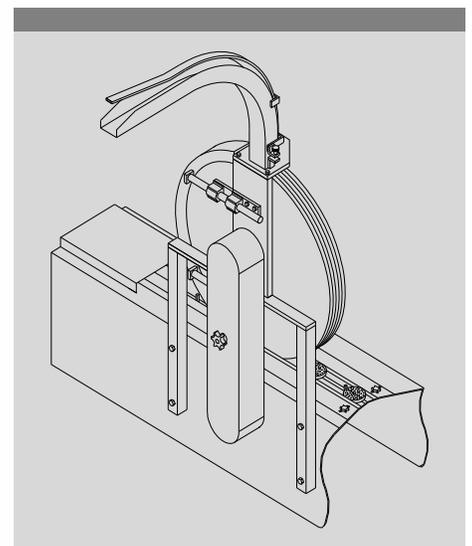
Disk Feeders reduce labor cost and minimize repetitive motion while allowing extremely high wrapper speeds. The low capital cost coupled with minimal installation typically results in a return on investment of under a year.

Low Maintenance Design

The *Disk Feeder* is designed to minimize maintenance and sanitation time with minimal moving parts that are easily accessible.



Horizontal disk presents product to wrapper flights at proper spacing and speed for smooth, gentle transfer.



Vertical Disk Feeders minimize floor space requirements and are typically fed with fully automatic distribution systems.