

Industrial Performance Conveyor Systems

HSC - High Speed Lug Collator

High Performance - Reliable - Cost Effective



1 Lug technology for accurate placement

The collator's lugs can be spaced and timed to match the downstream equipment. These lugs square up the product traveling along the conveyor bringing the product to the transfer belts to exit and enter other applications.



For smaller applications one collator lug is required



2 Brushless servo motor for years of reliable service

The HSC is powered by a 500 watt brushless servo motor. Optional upgrades to 750 and up to 1000 watts are available depending on your application.



3 Up to six transfer belts can be used for efficient product control



The transfer belts transport product from the lug takeaway belts to other equipment, such as a bagger.



HSC - High Speed Lug Collator shown with two lug belts, six transfer belts and a control box,

Features

- The MFT High Speed Lug Collator utilizes lugs to firmly handle, control, and transport products down a conveyor. Transfer belts are used at the end of the collator to transfer the product securely for additional processing.
- Easily integrated with wrappers, cartoners, banders, padders, and baggers to expand your packaging capabilities.
- The HSC collator is modular in design in 7.5 foot (2.286 meter) units to easily create the collator length for your production needs. Expandable to accommodate any number of friction feeders and Automatic Drop Tables.
- Feeder configuration can be straddle-mounted or side-mounted to the collator for multiple applications.
- Linear mounting bars can be installed to provide quick mounting of optional components, such as inkjet, laser coders, scanners, vision systems, and more.
- Encoder feedback enables the HSC conveyor to speed match other machinery downstream.

Industries:

- Pharmaceutical
- Cosmetics
- Financial
- Robotics
- Food
- Packaging
- Printing

Common equipment that the feeder can be integrated into:

- Conveyor
- Poly-baggers
- Order fulfillment
- Banders
- Shrinkwrappers
- Case-packers
- Cartoners
- Collators
- Flow wrappers
- Order Fullfilment

Applications

- Collating, batching, transport, bar coding applications, and UPC over labeling, and tipping.
- Integration with feeders, vision systems, barcode readers, and more.

Technical Data: High Speed Lug Collator

Equipment Specifications

Typical Height	2007mm (79.0")
Typical Length (ED)	4173mm (164.3")
Typical Width	1404mm (55.3")
Maximum Belt Speed	185 Meters per Minute*
Maximum Lug Speed	145 Meters per Minute*
Power Requirements	110/220V 50-60Hz 6A
Operating Temp.	10°-35°C (50°-95°F)
Weight Ranges	900-1600 lbs.
Operating Humidity	30-90

Product Specifications

Minimum Size	25mm† (W) x 25mm (L)
Maximum Size*	300mm (W) x 325mm (L)‡
Minimum Thickness	0.075mm (.003")
Maximum Thickness	25mm

† Minimum Product Length may require narrow belt configuration.

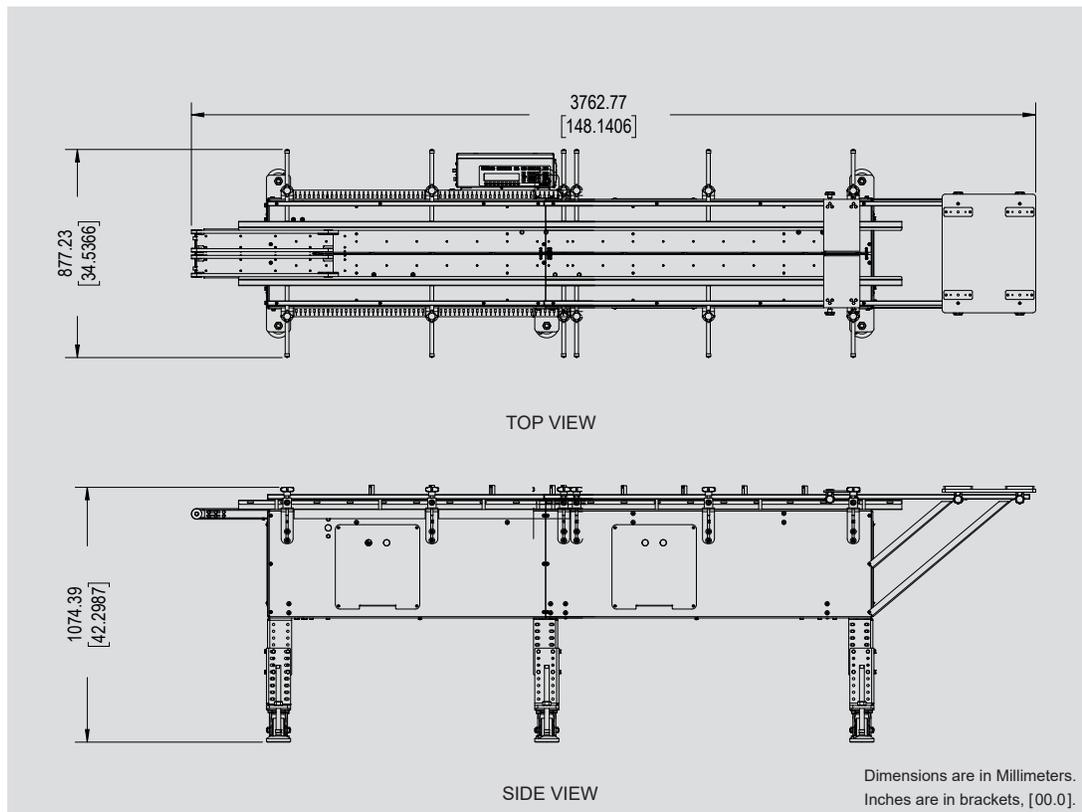
‡ Maximum Product Length is dependent on product, equipment configuration and application.

*All MFT Automation equipment can be designed to meet your specific production requirements. Please contact one of our experienced Application Engineers to discuss many solution options available to you.

Product examples to deliver through the High Speed Lug Collator:

- Pamphlets
- Clear-Film Plastics
- Tyvek® Sheets
- Card Stock Products
- Magnets
- Pharma Inserts
- Gift Cards
- Carton Blanks
- Coupons and More

Standard Dimensional Drawing



All specifications are subject to change without notice.

Technical Support Services



Our dedicated team of experienced Technicians and Application Engineers have the proper training and necessary credentials to answer any questions and offer system solution recommendations for your project needs.

For Technical Assistance, call 651-407-3100, select option 2.

MFT Automation provides high performance friction feeding and labeling solutions throughout the world. With state-of-the-art control technology and robust mechanics, our products feed more quickly and accurately to provide customers with a greater value of return. All feeders, labelers and accessories can easily be integrated with other machines to provide a total system solution for any application.



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