*Industrial Performance Friction Feeder Family*
*300 Millimeter Width Capability*

# MFT 350 ip³ HCP

## High Performance - Reliable - Cost Effective

Optional Transfer Fingers available

Scales for side guides allow for repeatable changeover

Integrated E-Stop is standard with ip3 feeders

Siko counter adjustments allow repeatable changeover

*Shown with ED discharge unit*

Input/Output capability interface with standard M12 connectors

Discharge (options) ED, XED XLD, SLD, details on back

10 or 20mm belt width options

CE
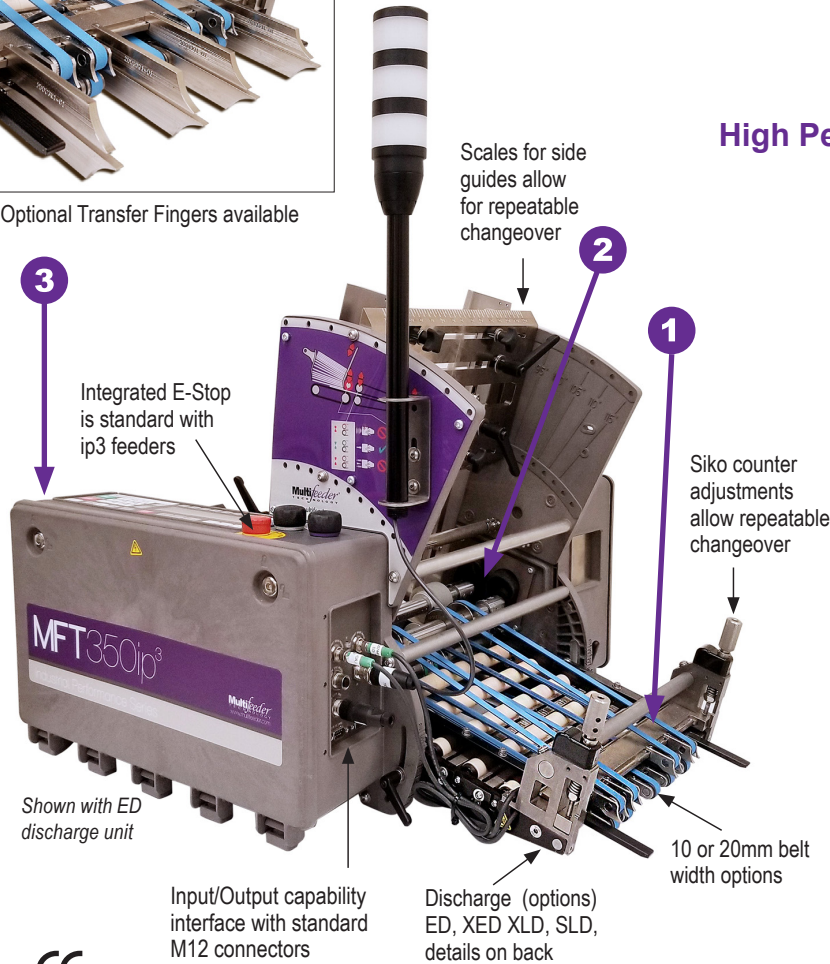
*Friction Feeder MFT 350ip3 HCP Slider assembly unit*

**① Cost and time savings with improved hard carcass belt postioning**

Easy to use NEW discharge slider design improves the range of adjustment and flexibilty of belt and product sensor placement. Now with a horizontal sliding bar, the product sensor and discharge belts can be postioned in any placement you like. Saves time and money for those long production runs
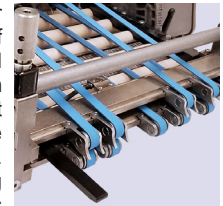
**② 3 Piece Shaft allowing for easy belt changeover**

3 - piece hardened stainless steel shaft simplifies belt change process and minimizes maintenance down time.

**③ Self-contained computer controls with on-board panel**

MFT Automation's all-in-one self-contained electronics software platform is flexible to run many different types of applications. Designed for easy interface with existing computer, PLC or other host machinery.Updated Motion Controls Firmware for increased performance

## ▶ Features

- Modular mechanical design for custom configurations, robust brushless servo motor for tight precise placement
- Premium high strength hard carcass belts with minimal stretch for longer life and long production runs
- Easy to use updated MFT proprietary ip3 software package ensures flexible and precise control. Updated Accutipping Algorithms for speed and accuracy
- Improved infrared sensor detects a wider range of products for accurate count, double-detect, and overlap detection
- Capable of tipping at speeds up to 200 MPM while maintaing accurate placement
- Fast 800 MHZ processor for fast control loop and speed
- Patented MFT Feed Separating Mechanism
- Closed loop system with encoder feedback

**Industries:**

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

**Common equipment that the feeder can be integrated into:**

| | | | |
|---|---|---|---|
| • Imaging lines | • Conveyers | • Poly-baggers | • Order fulfillment |
| • Shrinkwrappers | • Folder/Gluer | • Case-packers | • Collators |
| • Existing bases | • Flow Wrappers | • Cartoners | • Banders |

### Applications

- Accurate High Speed Tipping and Affixing
- Feed into a box, into a pocket on a conveyor, onto a catch tray, or other secondary operation
- Batching, collating systems and barcode/vision systems

### Options

- Upgrade to open discharge
- Integrated printing, camera, scoring
- Accutipping
- Remote keypad

## Technical Data: MFT 350 ip³ HCP Slider

### Equipment Specifications

| | |
|---|---|
| Typical Height | 918mm (36.1") |
| Typical Length (ED) | 648mm (25.5") |
| Typical Width | 637mm (25.1") |
| Maximum Belt Speed | 200 Meters per Minute** |
| Power Requirements | 110/220V 50-60Hz 6A |
| Operating Temp. | 10°-35°C (50°-95°F) |
| Weight Ranges | 75-125 lbs. |
| Operating Humidity | 30-90 |

### Product Specifications

| | |
|---|---|
| Minimum Size* | 20mm† (W) x 40mm (L)<br>40mm† (W) x 20mm (L)<br>*Requires Bridge belts |
| 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.
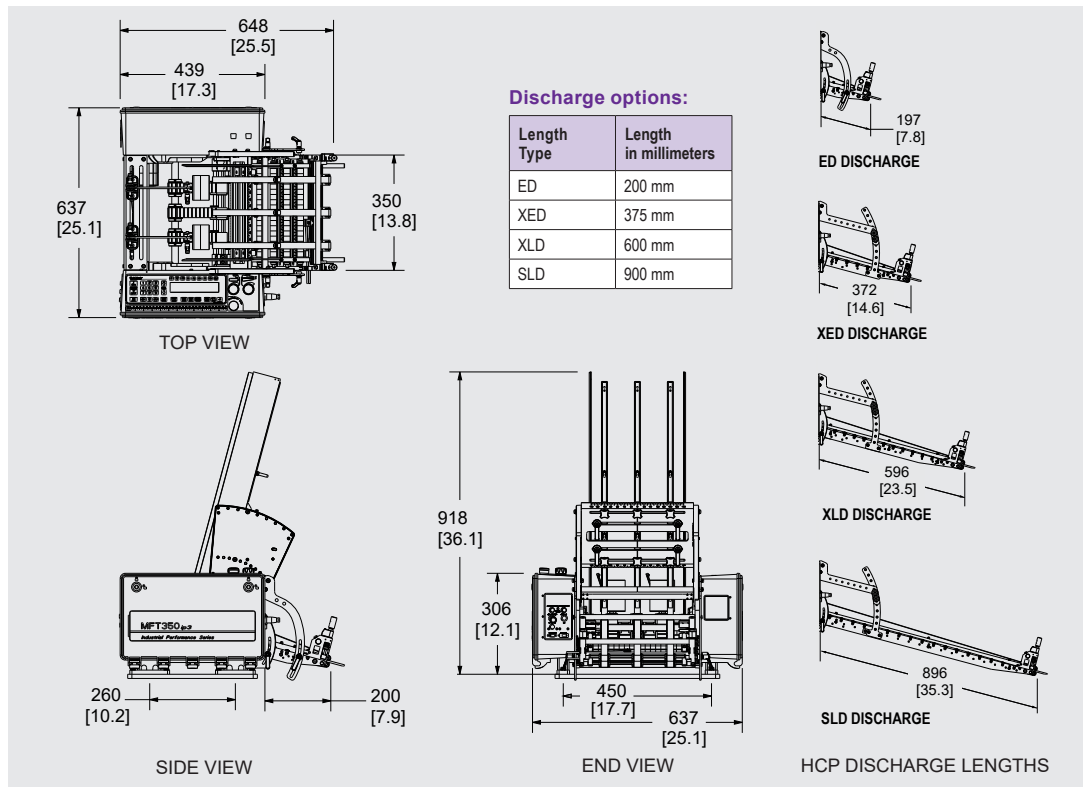
*All MFT Automation equipment can be designed to meet your specific production requirements. Please contact one of our experienced Application Engineers to discuss many solution options available to you.

** Available only with Ultra High Performance

### Product examples to deliver through feeder:

- Bags
- Pouches
- Pamphlets
- Card Stock Products
- Gift Cards
- Clear-Film Plastics- Coupons
- Magnets
- Bandages
- Carton Blanks
- Tyvek® Sheets
- Pharma Inserts
- And more

### Standard Dimensional Drawing



TOP VIEW

SIDE VIEW

END VIEW

**Discharge options:**

| Length Type | Length in millimeters |
|---|---|
| ED | 200 mm |
| XED | 375 mm |
| XLD | 600 mm |
| SLD | 900 mm |

ED DISCHARGE

XED DISCHARGE

XLD DISCHARGE

SLD DISCHARGE

HCP DISCHARGE LENGTHS

*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. Contact us at: (651) 407-3100 ext 123*

**MFT Automation** *provides high premium performance friction feeding and labeling system solutions throughout the world. With state-of-the-art control technology, 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.*