Friction Feeder

Signature Series Friction Feeder Family
300 Millimeter Width Capability

MFT 350 v³

High Performance - Reliable - Cost Effective

1 3 Piece Shaft allowing for easy belt changeover
The hardened stainless steel shafts and sealed bearings will provide maximum life expectancy and 24-hour a day operation.

2 Brushless Servo Motor for precise placement
The v3 series is powered by a 500 watt brushless servo motor.

3 Self-contained computer controls with on-board panel
Multifeeder’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.

Features
- Mechanical design is modular for many custom configurations
- Simplified control interface software package ensures flexible and precise control
- Infrared sensor for accurate count. Upgradeable to double-detect and overlap detection
- Single-sided controls provide for efficient operation
- Performance designed for long production runs
- Patented “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:
- Conveyers
- Poly-baggers
- Order fulfillment
- Collators
- Shrinkwrappers
- Folder/Gluer
- Case-packers
- Banders
- Existing bases
- Flow Wrappers
- Case-packers
- Cartoners

Applications
- Insertion into a catch-tray, box or conveyor
- Deliver a product to a secondary application
- Batching, EZ tipping, or affixing and collating systems

Friction Feeder MFT 350XED v³ assembly unit
Technical Data: MFT 350 v³

<table>
<thead>
<tr>
<th>Equipment Specifications</th>
<th>Product Specifications</th>
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<tbody>
<tr>
<td>Typical Height</td>
<td>856mm (31.7&quot;)</td>
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<tr>
<td>Typical Length (ED)</td>
<td>645mm (25.4&quot;)</td>
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<tr>
<td>Typical Width</td>
<td>637mm (25.1&quot;)</td>
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<tr>
<td>Maximum Belt Speed</td>
<td>140 Meters per Minute*</td>
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<tr>
<td>Power Requirements</td>
<td>110/220V 50-60Hz 6A</td>
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<tr>
<td>Operating Temp.</td>
<td>10°-35°C (50°-95°F)</td>
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<tr>
<td>Weight Ranges</td>
<td>75-125 lbs</td>
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<tr>
<td>Operating Humidity</td>
<td>30-90%</td>
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<tr>
<td>Minimum Size</td>
<td>50mm† (W) x 50mm (L)</td>
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<tr>
<td>Maximum Size*</td>
<td>300mm (W) x 325mm (L)‡</td>
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<tr>
<td>Minimum Thickness</td>
<td>0.075mm (.003&quot;)</td>
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<tr>
<td>Maximum Thickness</td>
<td>25mm</td>
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† Minimum product length may require narrow belt configuration.
‡ Maximum Product Length is dependent on product, equipment configuration and application. Longer lengths are available with optional upgrades.

*All Multifeeder Technology® 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 feeder:

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

Multifeeder Technology 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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