

We are pleased to introduce a range of fast and accurate friction feeders designed specifically for the mailing industry.

Our feeders have been extensively tested to ensure quality and reliability, and come with a high specification as standard with many options available.

## Formats

FFM01: with auto height adjustable mounting stand compatible with Buhrs mailing machine bases

FFM02: with Eco Mount to straddle any mailing machine base unit

## Optional Extras

- Auto Loader
- Laser trigger sensor
- Rubber tipped separator throat
- Pointed separator
- Reversing stripper wheel unit
- Spare friction belt cartridge unit
- WiFi
- Control cabinet floor mounting (FFM02 only)

## Product Specifications

- 50mm minimum width
- 320mm maximum width
- 250gsm minimum card weight with standard separator
- 10mm maximum thickness

## Basic Specification

All the feeders have the same basic specification as follows:

- 2 Friction belts 60mm wide, 2 rows of vacuum holes
- 1 Friction belt 30mm wide, 1 row of vacuum holes
- PIAB vacuum generator
- Easy change friction belt cartridge units
- 3 standard separators with micro-adjusters
- Powered rear stack support
- Easy-slide magazine sides
- Touch screen PLC
- Speed following
- Low product level alarm
- Ethernet connection
- No-feed machine link
- Light stack
- Rear roller support bed for long items
- 4Nm Motor
- Standard trigger sensor (Keyence)
- Encoder with wheel and mounting
- Powder coated feeder sides – choice of colours
- PVC magazine sides & guard – choice of colours

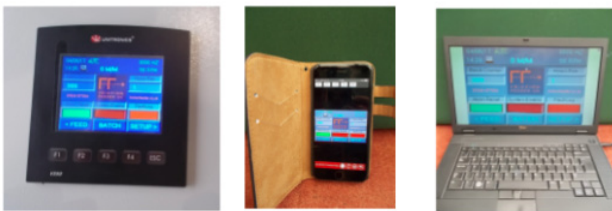
## Easy change friction belt cartridge

The friction belt cartridge is removed from the unit by uncoupling the vacuum pipe and removing 2 cap head screws. The complete unit then lifts out to allow the belt to be easily changed or a new complete cartridge unit re-fitted.

## Ethernet Connection

All the feeders come with an ethernet socket to allow connection to a network. The IP address can be changed from the PLC touch screen and connection indication is visible on screen when made. Remote access allows complete control of the feeder from a remote station – or even a smart phone.

A WiFi connection module is also available



## Height Adjustable stand (FFM01 only)

The feeder is mounted onto a carriage which can be height adjusted by means of a stepper motor controlled from the PLC touch screen.

The feeder can also be tilted slightly by undoing the mounting clamp and rotating it to the desired angle

## Powered rear stack support

The back of the stack of products is supported on wedge shaped pieces of aluminium called 'shoes'

In order that they can be easily adjusted back and forward to improve product feeding, the shoes are mounted on a linear slide with stepper motor drive which can be controlled from the PLC touch screen

## Product separators

We have found that most products for mailing – including folded sheets can be separated with our standard separator. Thinner sheets can be fed using a rubber tipped separator and thin sachets with a pointed separator. For reliable thin sheet feeding we recommend a reversing stripper wheel, which plugs into the main control box and is activated from the touch screen.

## Services

The unit will operate from a 240v or 110v single phase supply (13A) and requires clean dry air at 80psi

