



Morgana VFX Vacuum Feeder

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High capacity 5400 sheet Vacuum feeder



VFX Feeder

The Morgana VFX is a high capacity Vacuum Feeder capable of efficiently feeding a wide range of paper types and weights up to 15,000 sheets per hour. It's equipped with highly automated vacuum feed technology specifically designed to handle the widest range of pre-printed media. You can achieve maximum productivity with the Automatic Tray Switching feature, this enables long unattended runs and the loading of empty trays during a run.

The main sections of the Morgana VFX are the two loading trays. Each tray is equipped with vacuum feed technology and two types of double sheet detection sensors. Anti-static bars are available as an optional addition to the machine and are highly recommended for use in static environments or non-climate-controlled environments where humidity is low.

The VFX contains two vacuum paper trays, the two-tray configuration allows for loading empty trays during a run, which results in uninterrupted production. Each tray has a capacity of 2700 sheets (80 gsm plain paper) for a total machine capacity of 5400 sheets, and is capable of feeding stock up to 660mm long and 355mm wide.

Key features

- 5400 sheet capacity High Capacity Vacuum Feeder
- Utilizes latest vacuum feed technology
- Adaptive Fan Control automatically adjusts air flow for varying media sizes and weights
- Advanced double sheet detection with infrared and ultrasonic sensors
- Two tray configuration allows for loading paper during jobs and uninterrupted production
- Enhanced performance on thin media
- Enhanced performance on difficult curled media
- Significantly improved overall general feeding reliability run. This is an industry first for a product of this class, and is easy to use - even for less experienced operators.

“Easy to use...**even**
for less experienced
operators”

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Automatic Tray Switching

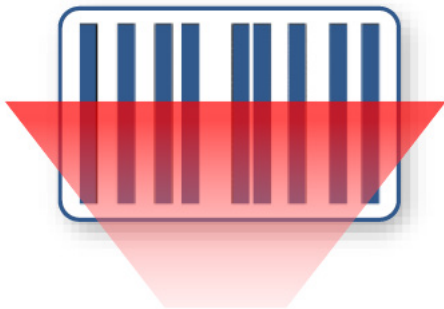
Maximum productivity for longer jobs is achieved through Automatic Tray Switching, this enables long unattended runs and the loading of empty trays during a run.

Adaptive Feed Settings

The VFX is equipped with new highly automated vacuum feed technology, specifically designed to handle the widest range of pre-printed media. The Feeder continuously checks the area where the papers are floating and automatically makes adjustments to keep an optimal feeding environment inside the tray during the run.

2D Barcode reader kit

The VFX can be equipped with an optional Barcode reading kit. The barcode kit enables variable page count jobs and ensures set integrity when document accuracy is critical.



The barcode option for the VFX feeder takes the NearLine workflow to a new level. With 2 readers (1 in each tray) every sheet feed is monitored and provides set integrity and feeding information to the booklet making system. Sheets could be feed from both trays and set size could vary anywhere within the booklet makers capability. This makes it an ideal solution for financial reports or similar type of documents where each booklet is personalized.

Code Type: *Max number of characters*

DataMatrix 24

PDF417 24

Reader can handle 10mil resolution on BCR code

Enhanced performance for thin or curled media

Thin and curled media

The VFX is equipped with completely redesigned geometry in the vacuum feed area to improve performance on thinner media.

Curled media is a challenge for any feeding system. The VFX has an enhancing feeding performance, specifically designed to handle media that has curled.



Technical Specifications

| SquareFold Trim Module | |
|-------------------------------|-----------------------------|
| Speed | 15,000 sheets per hour |
| Load capacity | 5400 sheets |
| Custom size (min) | 120mm x 660mm |
| Custom size (max) | 355mm x 660mm |
| Paper Weight | 16lb bond - 130lb cover |
| Dimensions | L1200 x W730 x H1200 |
| Weight | 220kg |
| Power consumption | 650W |
| Power Source | 100-240V +6 - 10% (50-60Hz) |
| Paper separation method | Vacuum |