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Major

Setting the standards in paper folding technology.

Key product features:

- **Powerful suction feeder handles a wide range of paper weights & sizes**
- **Side lay alignment of the sheets, prior to folding**
- **Low pressure suction chamber to control curled paper before it enters the fold rollers**
- **Fully enclosed fold plates with 'dial-a-fold' and LED display, fitted with anti-static brushes, skew and micro adjustments**
- **Plug in perforating and scoring attachment**
- **Variable speed**
- **Tray to catch work when perforating or scoring**
- **Long delivery belt stacker**
- **Counting & batching**
- **Double sheet, anti jam detector**

The Morgana Major is a simple to operate suction feed folding machine designed and manufactured by Morgana to handle a wide range of paper weights and types of fold.

Since its introduction, 1000's of Morgana Folders have been installed world-wide and these testify both to the folders performance and value, and also the many features included as standard.

The many different printing processes available today can affect the characteristics of paper, creating curled or easily marked material. At the same time run lengths can vary from short to very long. The Morgana Major can handle both. When buying any equipment, running, maintenance costs and residual values are an important considerations. The Morgana Major has been designed to fulfill these criteria. An example are the fold rollers. These are extremely durable and are located in a single patented pull-out cassette. When replacement is needed, non-skilled personnel can achieve replacement in less than five minutes.

The Major fold-plate has 'dial-a-fold' which enables all adjustments to be made without removing the covers. An LED display accurate to 0.1mm shows the fold plate position and allows easy and accurate repeat job settings.

The plug-in perforator/scorer is a standard feature of the Morgana Major and work is delivered into a catch tray. The plug-in unit can be used to act as a roller bypass facility, allowing cover stock to be folded and delivered flat.

An optional rear delivery belt stacker is available for longer runs, when used with the roller bypass unit.

A powerful suction feed handles a wide range of coated or non-coated material and incorporates side lay alignment of the sheets before they enter the fold plates. The feed table also has a suction chamber to control curled or statically charged paper.

Completed work is delivered back to the loading position via a long delivery belt stacker ensuring the Major's footprint is as small as possible. The delivery roller can be adjusted to the optimum position for the sheet size or fold. An operator can easily load or off-load the machine from the same standing position.

The fold rollers are extremely durable and have the ability to handle a wide variety of stock without adjustment. Not affected by paper dust, their unique composite material will positively grip high gloss papers or work from digital print engines.

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Technical specifications

Maximum sheet size	674mm x 365mm
Minimum sheet size	148mm x 140mm (94mm with optional narrow sheet attachment)
Maximum paper weight	240gsm (varies according to material and grain direction)
Minimum paper weight	56gsm
Load capacity	500 sheets 80gsm
Maximum number programmed applications	6
Speed per hour (A4)	0 to 27,000
Dimensions	L1168 x W493 x H990mm
Weight	120kgs
Power requirement	240v 50/60hz

Options

• Electric rear delivery

• Narrow sheet guide