

DOCU-FOLD FEATURES



Completed work is delivered back to the loading position via a long delivery belt stacker ensuring the Docu-Fold utilises the minimum footprint. Automation even extends to the delivery roller which moves electronically 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 printers. The patented, single pull-out cassette roller system allows rapid access for easy removal and replacement by non-skilled operators in less than 5 minutes.



As you would expect from such advanced electronic technology, a total counter with variable batching facility is standard equipment. For users regularly producing repeat jobs, the Docu-Fold will memorise specific settings and folds enabling simple retrieval of settings on demand.

For simplicity of use, the Docu-Fold is unparalleled. Settings are displayed in either metric or imperial sizes. Sensors measure the paper length and calculate the fold plate position according to the type of fold. THE FOLD PLATES AND DELIVERY ROLLERS THEN MOVE AUTOMATICALLY TO THE CORRECT POSITION.



The register table aligns the paper before entering the fold rollers, thus ensuring that each sheet is fed squarely and in exactly the same position. To give productive, jam-free operation, the pulsed feeding action releases the sheet before it enters the fold rollers.

Technical Information

Specification	Docu-Fold
OVERALL DIMENSIONS	
Length <i>in operation</i>	1210mm
Length <i>stored</i>	813mm
Width	520mm
Height	1280mm
Weight	118kgs
Weight crated	132.5kgs
POWER REQUIREMENT	
	1phase 240v
SPEED RANGE	
	12,000 to 17,000sph
MAXIMUM SHEET SIZE	
Length	450mm
Width	365mm
MINIMUM SHEET SIZE	
Length	148mm
Width	140mm
With optional narrow sheet attachment	94mm
MAXIMUM PAPER WEIGHT	
	Varies according to material and grain direction
MINIMUM PAPER WEIGHT	
	56gsm/2
LOAD CAPACITY A4 SHEETS 80GSM	
	1000sheets
	A4 80gsm

FOLDING AS EASY AS

1-2-3



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Docu-Fold

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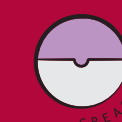
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USER FRIENDLY

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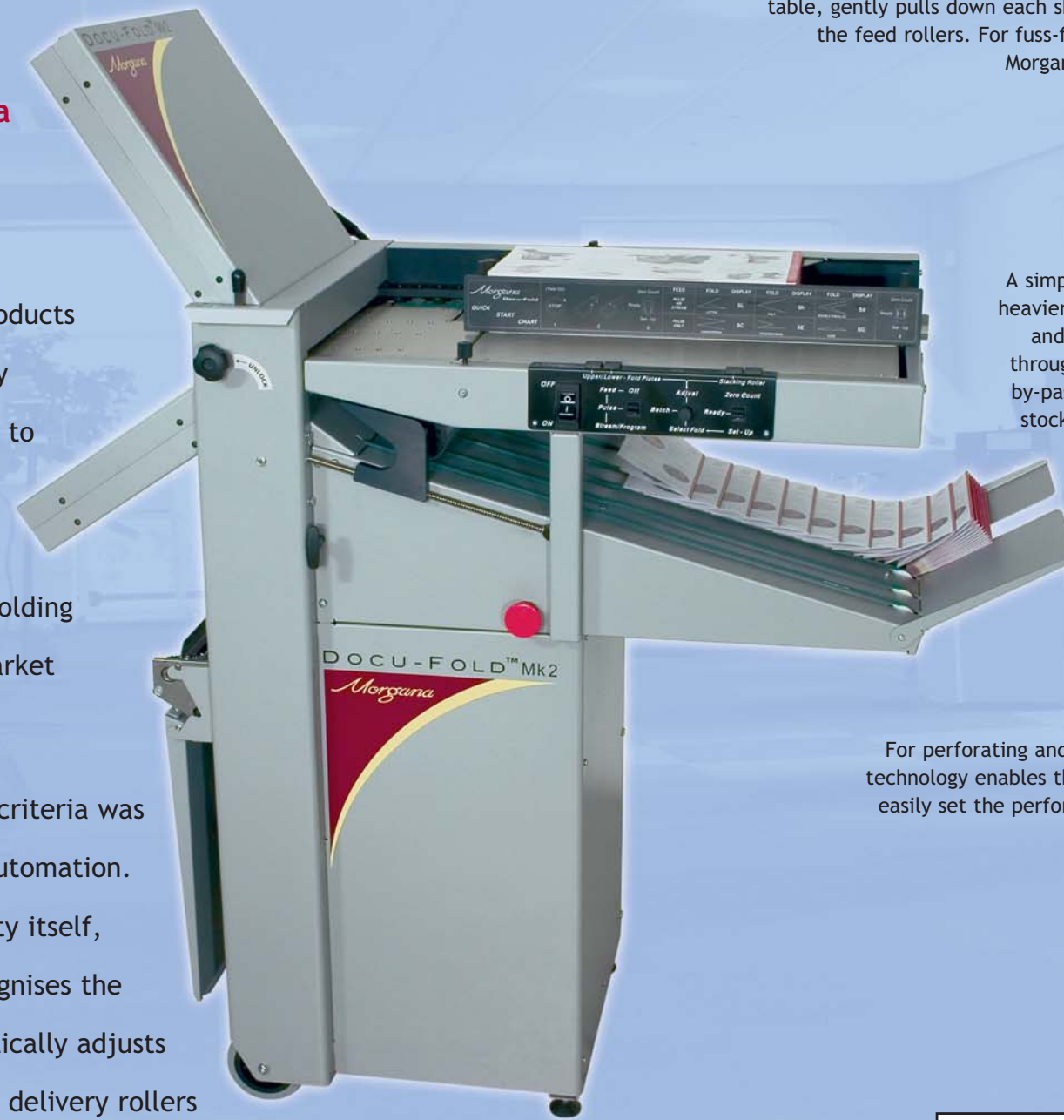
Morgana Systems has rapidly established itself as a world-wide manufacturer of document finishing products.

Over 2 decades Morgana have designed market leading products including UFO and Morgana Major folding machines, Rotary numbering machines, Creasers/perforators and products to produce booklets from digital print engines. The latest generation folder from Morgana is the DocuFold. A radical, easy to use and innovative folding machine suited for today's rapidly changing market place.

Key to the Morgana DocuFold's design criteria was a machine with a high degree of automation.

Operation is therefore simplicity itself, because the DocuFold recognises the sheet size and automatically adjusts the fold plates and delivery rollers

electronically. The fold rollers will also compensate for most types of fold or paper weight without the need for adjustment, further enhancing the ease of use.



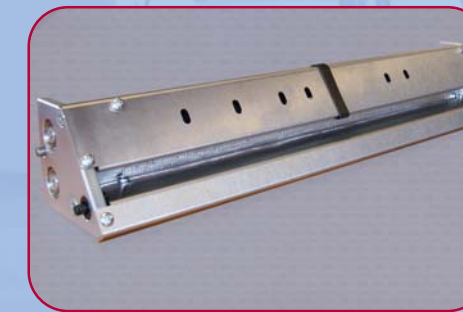
Built-in anti-static brushes assist in the discharge of statically charged print material, one of the most troublesome problems faced by document finishers today. To control curled paper, another potential difficulty, the pressure suction chamber which is built into the feed table, gently pulls down each sheet as it is being fed into the feed rollers. For fuss-free, no jam operation the Morgana Docu-Fold is unrivalled.



A simple by-pass facility enables heavier cover stocks to be folded and delivered without passing through all the fold rollers. This by-pass facility stacks the cover stock flat without curl into the catch tray or an optional belt stacker.



For perforating and scoring, patented plug-in technology enables the operator to quickly and easily set the perforation/ scoring unit on the bench prior to use.



The above folds can be set AUTOMATICALLY in seconds, even if the paper is of non standard sizes.

A user friendly control panel enables adjustments to 0.1mm if the fold plates or delivery roller needs to be moved. Within this control panel are a counter and batching facility which are standard features.

A further feature of the sophisticated control system is the ability to memorise and store often repeated jobs which can then be retrieved within seconds and without operator involvement.

The DocuFold has been designed to handle work both from Litho and digital print engines. A powerful compressor will feed a wide range of stock including coated stock. The pulsed feed action combined with the register system ensures a high degree of folding accuracy and the 'overlap' detector ensures fold integrity.

As part of the design brief DocuFold offers low maintenance costs. Testimony to the maintenance criteria are the very durable fold rollers which are located in a cassette. This feature enables the complete roller set to be changed in seconds when replacement is needed.

Standard features include:

- 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. 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

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