

- ✓ 700mm x 358mm sheet size
- ✓ Eliminates cracking & scratching
- ✓ Crease & fold 400gsm
- ✓ Heavy duty Suction feed
- ✓ Load-on-the-run
- ✓ Very fast make-ready
- ✓ 5000+ A4 sheets per hour
- ✓ Fully programmable
- ✓ Heavy duty construction
- ✓ Fully automatic setup

SPECIFICATIONS

Dimensions	L 1980mm x W 655mm x H 1265mm
Weight	190kgs
Power requirement	220/240v
Maximum speed A4 S.P.H.	5000+
Maximum sheet size	L 700mm x W 358mm
Minimum sheet size	L 210mm x W 140mm
Maximum paper weight	400gsm
Minimum paper weight	100gsm
Maximum number of folds per sheet	2
Maximum number of programmes	9

DIGIFOLD 5000P

PRODUCT	DESCRIPTION
DigiFold 5000P	Creasing & folding machine
OPTIONS/PARTS	DESCRIPTION
Sonic double detector	To ensure set integrity
Narrow sheet extension	To feed narrow sheets
Narrow creasing blade	For creasing lightweight stock
Perforating blades	Perforating (various applications)

Morgana

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As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock and print engine used. Specifications quoted were measured on uncoated and unprinted stock.

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NEW
DIGIFOLD
5000P

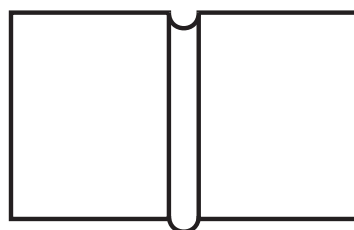


Morgana

DIGITAL FINISHING FOR DIGITAL PRINTERS

WWW.MORGANA.CO.UK

The NEW DigiFold 5000P is manufactured in the UK by Morgana Systems Ltd, the company that is Number 1 in digital print finishing.



Morgana is the market leader in creasing technology and has sold many thousands of it's products worldwide. Our product names such as AutoCreaser, DocuCreaser and DocuMaster are synonymous with high quality and

reliable performance around the world. The AutoCreaser provided the first fully automated solution to one serious problem inherent in the digital print process - the tendency of output to crack when folded without previously being creased. In 2003 Morgana released the DigiFold to combine a creaser and folder in one machine. The DigiFold needed to combine Morgana's proven creasing technology with a new way of folding that minimised the possibility of marking or scratching even the most sensitive materials. Morgana patented their "flying knife" technology in the DigiFold and this now proven technology is used today in the NEW DigiFold 5000P.

By combining the functions of creasing and folding in a single compact unit, Morgana has provided the printer with a highly productive, easy to use mobile finishing centre that is equally effective with digital output or with heavy cross-grained stocks printed by conventional means and laminated stocks.

The DigiFold has successfully satisfied many customers problems of being able to crease and fold, without marking, in one simple operation.

Over the 5 years of the DigiFold's production, digital technology has continued to develop. Quality of print continues to improve, and production speeds continue to increase.....but print still cracks and needs to be creased before it is folded, after all...

If it's not creased it's not finished!

OUR CUSTOMERS REQUESTED FOUR THINGS:-

Increase the speed. Increase the sheet size. Add the ability to perforate. Increase the capacity of the feeder.

WE ARE DELIGHTED TO SAY THAT WITH THE NEW DIGIFOLD 5000P WE HAVE PROVIDED ALL FOUR.

By incorporating yet more patented technology, the DynaCrease, we have managed to increase the speed to over 5,000 A4 sheets an hour. Speed increases when running smaller stocks and is achieved by creasing the sheet without stopping it, yet maintaining an accuracy of +/- 0.1mm.

This speed is maintained irrespective of the number creases being applied to the sheet. 9 sheets each with 9 creases can now be produced in less than 9 seconds! We challenge anyone else to do it more quickly with the accuracy and repeatable quality of the DigiFold 5000P. The maximum sheet size is 700mm x 358mm allowing a wider range of jobs to be tackled. Perforation is now standard on the DigiFold 5000P with up to 5 perforation wheels being used across the sheet. The newly designed feeder is powered by a more powerful pump which allows greater airflow efficiency and therefore a higher pile to be loaded.



THE VERSATILE DIGIFOLD 5000P HAS SEVERAL USES.

- As an integrated creaser/folder performing both functions in a single pass
- As a stand alone creaser when folding is not required.
- As a perforator when creasing and folding are not required.

While designing the new DigiFold 5000P Morgana took the opportunity to make it JDF ready. This applies to all of our new equipment. We believe that over the coming months and years more users will require bindery operations to become part of an automated work-flow process. We can now do this on both DigiFold 5000P and DocuMaster.

The vastly increased speed and productivity of the DigiFold 5000P now make it a viable proposition for litho printers who suffer the same cracking problems as digital printers.

HOW IT WORKS.

The DigiFold 5000P incorporates our newly patented automated creasing technology (DynaCrease) which builds on the proven creasing rule and matrix technology that has made the Morgana range a huge success in markets throughout the world. The DigiFold 5000P also uses our patented 'flying knife' folding system. This dispenses entirely with buckle plates and conventional knives, using instead an electronically controlled contoured flying knife around extra large diameter rollers and moving at the same speed as the material passing through the machine. Rather than the solid deflector used in most folders, the DigiFold 5000P uses another patented device in the form of a dynamic sheet deflector that only comes in contact with the leading edge of the sheet. This allows single or multiple folds to be performed without risk of scratching or marking.

EASY SETUP

The digital print market demands document finishing products that not only overcome the problems associated with new printing technologies but also products which are easy to set-up.

This market very often lends itself to shorter run lengths or variable data. Therefore speed of 'make-ready', minimal wastage and ease of operation are key purchasing criteria.

The Morgana DigiFold 5000P matches these criteria by using advanced electronics. A new menu shown on the 'head-up' display is very intuitive and takes the operator through a step by step setup process to make the experience quick and efficient. Automation then takes over. With any document finisher it may be necessary to make small adjustments.

The DigiFold 5000P allows crease or fold positions to be adjusted by increments of 0.1mm. The position of the delivery stacker and fold rollers can also be adjusted to compensate for substrate thickness.

