



Product Information | EMEA

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Digibook 300 XL Pro
PUR Binder

PowerSquare™ 7000
Booklet maker

Autocreaser Pro XL
Creasing machine

DigiFold Pro XL
Multiple creasing and folding

AutoCut Pro
Cutting sheets with templates



FB1180-T
Flatbed cutter with tangential tools

FB9000
Automated digital die cutter

SC7000 Pro-T XL
Digital die cutter

BM4000e Series
Booklet making system

AutoCreaser Pro XW
Creasing machine



BM5000 Series
Booklet making system

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Morgana BM4035e/BM4050e Series

**Landscape format
books with our signature
SquareFold finish.
Now up to 80% faster.**



The NEW BM4000e series produces booklets of a consistently high quality on all types of media.

- The basic configuration with hand feed capability enables users to make booklets in the offline mode.
- Heavy duty staple mechanism designed for durability.*
- Maintenance free thanks to a patented solution that eliminates periodic service intervals.
- Adjustable staple and fold position, The BM4000e series has a patented "set positioning mechanism" that allows the operator to adjust the staple position in the direction of travel, from the intuitive user interface.
- The BM4000e series is designed for demanding environments that handle an average monthly volume of 30,000 booklets per month.
- Operators can now compensate for skew caused when feeding long sheets, this can easily be adjusted in the color user interface on the fly.

The new system architecture enables customers to produce high quality booklets from A6 to A4 landscape, and has all the key processes needed to produce corner and edge staple, folding, spine forming, and full bleed trimming, all combined in one single, easy to use system.

This new booklet maker offers the ability to produce the all new long sheets applications while maintaining the small and compact size.

Unmatched Speed and Productivity

The new BM4035e/BM4050e series has been enhanced with upgraded hardware and optimized machine cycles, resulting in a substantial boost in overall performance and efficiency. This allows the machine to produce over 1,500 A5 booklets* per hour and more than 1,200 booklets* per hour for longer formats like 660 x 320mm sheets. This powerful combination of speed and efficiency ensures faster turnaround times without compromising on the high-quality finish customers expect.

Deliver high quality applications

The BM4000e series uses the latest patented Plockmatic technologies to deliver top quality output. The base unit folds and staples booklets and corner or edge stapled sets up to 140 pages (35 sheets with the BM4035e) or 200 pages (50 sheets with the BM4050e). The set positioning mechanism enables the operator to easily adjust the staple and fold position on the fly.

Morgana BM4035e/BM4050e Series

Finishing Module

The optional finishing module includes a new face trimmer and square folding mechanism in a single unit. The technology is based on the successful trimmer and book fold modules with added support for longer sheets, while reducing the overall size of the system.

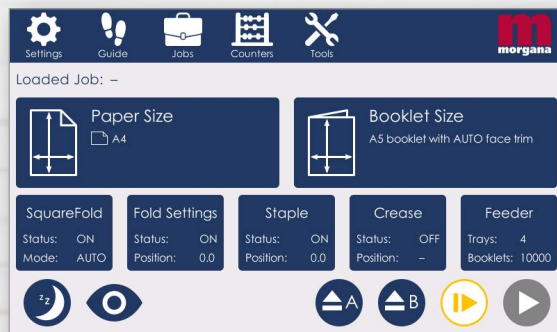
A completely new design, two-in-one square folding and face trimming features in a single compact module. The high performance quality square folding functionality ensures a high-quality booklet on a wide range of media and booklet thickness.

With new trimming capabilities, the new, moving knife can cut down to 99mm long booklets in a single cut, speeding up the process to enable a wider range of trimming inline. This gives the operators booklet size flexibility without the need to handle custom sized paper.

The FM4000e includes a book stacker in its standard version. The stacker can be folded down to allow virtually unlimited stacking capacity.

Easy to use interface

Simple to use 7" touchscreen graphical interface with easy job setup and adjustment of applications.



Available as a **hand-fed** device, or with the **VFX feeder**

Key Features

- Produce square folded booklets from A6 to A4 landscape, or large format 297 x 297mm
- Corner stapled documents in portrait A4
- Edge stapled documents in portrait and landscape A4
- Up to 140 or 200 page booklet capacity
- Supports up to 660mm long sheets without CST or 620mm with CST
- Up to 30k per month with maximum peak volume of 40k





Morgana BM5035/BM5050 Series

A new kind of Booklet Maker that can produce **landscape format books**, 2-up and more. The BM5050S, with optional **4 stitching** heads means **higher productivity and efficiency**



Morgana BM5035/BM5050 BM5035S/5050S

The booklet maker is available in multiple versions to meet your exact requirement. The BM5050 and BM5035 feature two maintenance-free **staple** heads, and the BM5035S and BM5050S come with two or four **stitching** heads. These systems are engineered for mid-to-high volume customers with features exclusive to this class.

The BM5000 series delivers new applications, for example A4 landscape books, by processing sheets up to 620mm long. The BM5035S/5050S, with its optional 4 stitching head configuration, lets you finish jobs that have been imposed 2-up on a sheet. This functionality offers you higher productivity and reduced costs per book.

Modules

VFX Feeder: a high capacity vacuum feeder capable of feeding a wide range of paper types and weights with minimal operator adjustment. The VFX includes two paper trays with a combined capacity of up to 5400 sheets. Feeding has never been so easy and reliable!

Morgana BM5035 and BM5050

The Morgana BM5000 series is engineered for mid-to-high volume customers, with features exclusive to this class. This versatile system can be equipped with an optional CST and VFX Feeder.

The BM5000 series seamlessly delivers professionally finished books with a SquareFold spine. A wide range of booklets, including A4 landscape applications can be produced by processing sheets up to 620mm long.

The BM5050S, with its optional 4 stitching head configuration, lets you finish jobs that have been imposed 2-up on a sheet. This functionality offers you much higher productivity and efficiency.



SMALL BOOKS
105 x 206mm with staple
105 x 120mm with stitch

LARGE BOOKS
320 x 305mm with 5mm face trim

50 sheets | 200 pages

35 sheets | 140 pages

*Size will change with ST module

Morgana BM5035/BM5050 Series

FM5000 Finishing module: FM5000 includes the face trimmer and SquareFold assembly in one unit. The combined unit optimises floor space and will support the larger book formats.

CST Crease side trimmer module (Optional): the crease and side trim unit produces professional looking, full bleed trimmed and creased booklets in a cost-effective, compact module. *(Must be used in conjunction with a feeder)*

ST5000/Side trimming module (Optional): The ST5000 is a high end 2-side trimmer and enables a second option to achieve full bleed booklets. The ST5000 cuts the top and bottom of the book after it is stapled and folded to ensure optimal finish.

Note: The ST5000 cannot be combined with the CST 3.0

Convenience feeder (Optional): with a capacity of up to 800 sheets, it can either feed covers or can be used as an alternative feed point, to make a simple, compact landscape booklet maker without the need for an additional feeder module.

50 Sheet upgrade kit: both models can be upgraded to a 50 sheet - 200 page platform with the addition of this kit.

Stapling: The BM5035 or BM5050 come equipped with 2 easy change, low-maintenance, heavy duty staple cartridges.

Stitching: The BM5035S or BM5050S stitch from wire spools. Each spool contains approx 50,000 stitches depending on the thickness of the book.

The leg length of the stitch can easily be adjusted from job to job without using tools.

Barcode reader kit (Optional): 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.

Available as a **hand-fed** device, or with the **VFX feeder**



BM5035 equipped with CST unit and VFX Feeder

Launch Date Spring 2025

Morgana PowerSquare™ 7000

Production booklet making redefined: blending unmatched durability with **versatile finishing** options, including **large format** and **landscape capabilities**



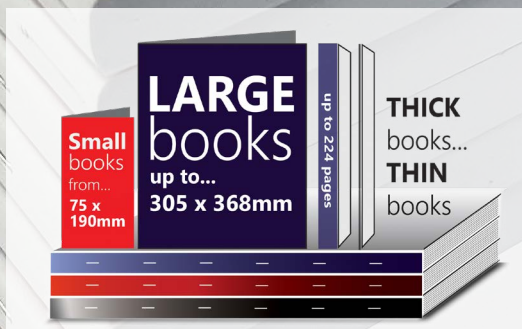
The PowerSquare 7000 is not just a new product; it's a direct response to the evolving needs of print production environments. With the capacity to handle a diverse range of media up to 350gsm, and the flexibility to produce both A4 landscape and Letter-sized landscape booklets, this system is engineered to adapt to various applications from commercial print jobs to in-house publishing tasks.

Key Features

- **Versatile Media Handling:** Supports a wide variety of media, enabling the production of everything from thick cover materials to lightweight papers.
- **Enhanced Stitching:** Incorporates a robust stitch head for high-volume, continuous production without compromising quality.
- **Comprehensive Finishing Options:** Offers unique finishing capabilities including SquareFold, Bleed Trim, and Crease for a professional look and feel.
- **User-Friendly Interface:** Comes equipped with an intuitive color touch UI, simplifying the setup and operation of complex tasks.
- **Adaptive System:** Automatically adjusts to the book thickness, optimizing the process for different booklet sizes and ensuring consistent quality.

Precision and flexibility in every page

Introducing the PowerSquare 7000, a collaborative development that stands at the forefront of booklet making technology. As we approach the launch of this advanced system, we invite you to explore its capabilities designed to cater to a broad spectrum of print finishing needs with a focus on functionality, reliability, and user-friendliness.



PowerSquare™ 224/224VF

The **PSQ224** or **PSQ224VF** is the **professional's choice** for **high volume production** of **SquareBack** books up to **224 pages**

PowerSquare™ 224 and 224VF

This unique and innovative booklet making systems is designed for high production environments. In a single machine, it combines the four processes of stitching, folding, spine forming and trimming to produce SquareBack™ books up to 224 pages. No other booklet making system offers this flexibility.



Two Knife trimming

The optional PowerSquare™ Two-Knife Trimmer (P2T) is a compact module that completes the booklet making process by trimming the top and bottom edges of the book after it's made. This reduces workflow steps by eliminating pre or post press trimming on a guillotine. It's a professional solution for full-bleed printed work, especially important for colour printed applications.

The PowerSquare Book Stacker (PBS) delivers huge efficiency gains by allowing the PowerSquare to run, unattended, for extended periods. With a capacity of 930mm, it can run for up to an hour without operator intervention.

The PBS stacks the finished books vertically which is extremely space efficient; the compact unit requires very little additional floor space.



Plockmatic VFX Feeder

High capacity **Vacuum feeder** for the **7000, 5000** and **4000 series booklet makers**



BM4000 shown with VFX Feeder



BM5000 shown with VFX Feeder



PSQ224 shown with VFX Feeder

VFX Feeder

The Plockmatic 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.

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

- Altogether, the feeder's automated technology allows it to feed a wide range of today's media with little or no operator adjustment

The main sections of the Plockmatic 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, in this configuration with the BM5000 max supported sheet size is 320 x 620mm. Sizes vary with the CST.

APC Sensor Technology

Our new Adaptive Process Control (APC) monitors the sheet feeding, delivering an outstanding reliable feeding performance.



Precise separation of each sheet from the stack is essential for reliable feeding. Plockmatic's patented SP-sensor measures sheet separation in the "float area" and adjusts tray position and airflow. A row of multiple sensors work together with an advanced program to create a self-adjusting automatic mode that will reposition the paper stack while running. This supports reliable feeding for the widest range of media types.

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.

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 enhanced feeding performance, specifically designed to handle media that has curled.

The **barcode** kit enables **variable** page count jobs and ensures **set integrity**

1D and 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 fed 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 personalised.

The following barcodes are supported:

1D Barcode:	2D Barcodes:
Code-39	DataMatrix
	PDF417
	QR code

Reader can handle 10mil resolution on BCR code





Plockmatic PL104

A separate **SquareFold** unit, or an **integrated option available** in all our **booklet making systems**

Morgana SquareFold PL104

The Plockmatic SquareFold PL104 adds increased value to your booklets by giving them a professional, perfect bound look with the security of a stapled finish. Booklets from landscape A4 to A6 size can be produced on this versatile, simple to use machine.

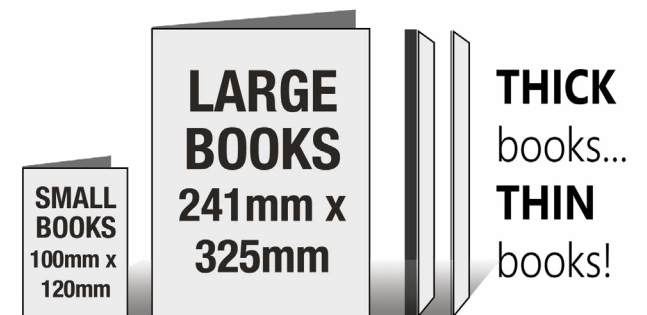
Adding a SquareFold finish to your books means that it is possible to print onto the spine of thicker booklets and makes them much easier to pack and distribute.

This revolutionary device can be used as a hand-fed unit attached to the BM60/61 Booklet maker or linked to a wide range of traditional and digital finishing devices.



Specifications:

Capacity	22 sheets of 80gsm
Speed	Up to 1800 books/hour
Squarefolding modes	3 and by-pass
Booklet size	max. 241 x 325mm
Booklet size	min. 100 x 120mm



Plockmatic SquareFold Trimmer

If you've got another booklet maker, turn your **booklets** into professionally finished square fold books with the **SFT**

Plockmatic SFT

The Plockmatic SFT converts existing books from any booklet maker into a face trimmed, SquareBack book. It has a booklet compatibility ranging by size from A5, through A4 landscape books, up to 320 x 320mm. It processes up to 50 sheets of 80gsm paper stock.

Operator Assisted Three-Side Trimming

Not everyone has access or the time to use a guillotine for short run jobs. The Plockmatic SFT can also process booklets for bleed trimming in a hand feed operator process. Insert the finished booklets, first to trim the top, then a second time to trim the bottom.



Full bleed booklets are now an option for small CRD's and office installations.

The Plockmatic SFT adds two key functions – booklet square folding and trimming. The result is a professionally finished document – with the sharp SquareFold spine and trimmed front edge.



Morgana DocuFold

High Speed suction fed paper folders. **Fold up to 27,000** sheets **per hour**

Morgana DocuFold Pro

The Morgana DocuFold Pro is a fully automatic paper folding machine. Equipped with the latest SmartScreen technology, it enables an operator with minimum training to carry out a variety of folds from an icon driven touch screen. An unlimited alpha numeric memory is available to store all standard and non standard jobs. All Morgana high speed folders are supplied with a scoring and perforation module as standard.

Key to the Morgana DocuFold Pro design criteria was a machine with a high degree of automation. Operation is therefore simplicity itself. Enter the sheet size and fold type on the DocuFold Pro SmartScreen and the machine automatically adjusts the fold plates and delivery rollers electronically.

To control curled paper, and other potentially difficult media, the pressure suction chamber which is built into the feed table, gently pulls down each sheet as it is being fed into the fold rollers.

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.



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.

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.

Morgana Junior DT Folder

Fold up to 14,400 sheets per hour from A6 up to A3, with fully automatic fold type adjustment



Junior DT-A Folder

The Junior DT-A is a versatile and easy to operate folding machine that can handle documents up to A3. The adjustment of the folding plates is done fully automatically, select your application by pressing the start button and the machine starts folding.

The Junior DT-A handles the paper with a maximum speed of 7,200 sheets/h, the automatic feeding station has a maximum capacity of 500 sheets of 80gsm, while the conveyor stacker guarantees an accurate storage up to 300 sheets. Any adjustments, depending on the size and fold type is done automatically.

The Junior DT-A is equipped with a digital pre-counter (count-down-function) with interval mode. This will allow the machine to have a short break after a fixed number of sheets are folded, this enables the operator to remove a fixed number of documents without stopping the machine.



Junior DT-M Folder

The Junior DT-M is an extremely economic solution for folding high volumes of paper fast and accurately. Versatile and easy to use, this folding machine is able to handle sheets up to A3 paper size. The adjustment of the folding plates is done quickly with an easy-to-use interface. Each folding plate is equipped with a fine-tune adjustment to achieve perfect folding results every time.

An integrated conveyor stacker guarantees accurate stacking of up to 300 folded sheets. This conveyor stacker is adjustable according to different paper sizes and fold types and handles the paper with a maximum speed of 14,400 sheets/h. The capacity of the automatic feeding station is up to 500 sheets. A job counter indicates the number of processed sheets. Equipped with a digital pre-counter (count-down-function) with interval mode, this allows the machine to have short break after a fixed number of sheets are folded, this enables the operator to remove a fixed number of documents without stopping the machine.





Morgana AutoCreaser Pro XW

Crease your digital stock without the **cracking**

Most digitally printed work will suffer some degree of toner cracking, more so on coated or heavier weight stock and particularly when work is printed over a fold. The unique creasing rule and matrix in the AutoCreaser range eliminates paper tearing and therefore cracking.

AutoCreaser Pro XW

This option allows 500mm width creasing capability. All AutoCreasers feed 8,500 sheets of A4 per hour and take varying stock weight up to 400gsm and sheets size up to 700 x 500mm, with full width perforation coming as standard. The machine is now equipped with the 'EasyBlade' system, which allows quick, easy, tool free removal and change.

Max. sheet size:	700 x 500mm / 27.5" x 19.7"
Min. sheet size (in automatic mode)	210 x 140mm / 8.5" x 5.5" (100mm / 3.9" wide sheets supported with 'Narrow Sheet Kit')



Morgana AutoCreaser Pro XL

The AutoCreaser Pro XL

The AutoCreaser Pro XL is an easy to use automatic paper creasing system, with a cost efficient vacuum top feeder with load capacity of 200mm.

Running at a maximum of 8,500 A4 sheets per hour, with no loss of accuracy, this is our most productive creaser to date. The AutoCreaser Pro XL takes a sheet size up to **385 x 700 - 1300mm** with the optional extension table, this comes as standard with this machine. This machine is capable of up to 30 creases per sheet and has the optional benefit of a dual creasing module. This allows up and down creasing, or creasing and perforating in a single pass.

The AutoCreaser Pro XL is specifically designed to handle the widest range of media. The Feeder continuously checks the paper float zone and automatically makes adjustments on the fly and ensures highest feed reliability.

Morgana's Adaptive Process Control (APC) monitors sheet feeding in a closed loop process, delivering outstanding reliability and performance.

Max paper size W x L: 385mm / 15" x 700mm / 27.5"*

*385mm / 15" x 1300mm / 51"
with extension table

Min paper size W x L: 93mm / 3.89" x 210mm / 8.25'





Morgana DigiFold Pro XL

Morgana DigiFold Pro XL

Developed from the well proven Morgana DigiFold Pro, the Pro XL is built with our unique, open design, suction feeder that handles stock sizes from 210 - 700mm expanding to 1300mm in length with the optional extension table. This heavy-duty automatic creasing and folding system is designed to work with mid to high volume digital and offset production presses.

The Morgana DigiFold Pro XL is designed to complement the long sheet capabilities of the production printers used today. This opens the door to new applications, such as covers for landscape booklets, book covers for oversized perfect bound books, multi-panel brochures and many other applications created from the long sheets. Equipped with the latest version of Morgana's DynaCrease, the creasing blades can now be easily changed without the use of tools. An additional static crease option can be installed to enable the full range of crease and perforation options, such as tear out coupons and reply cards.

Open design feeder

The system is engineered to simplify the loading and unloading of long "slippery" stacks of paper. The loading and unloading areas are an open design to make it easy to monitor performance and make changing from job to job fast and efficient. The new open feeder design is capable of efficiently feeding a wide range of media types and weights.

Equipped with automated vacuum feed technology, specifically designed to handle the widest range of preprinted media.

The Morgana DigiFold Pro XL comes with a fully automatic belt stacker for folded sheets. It also has a catch tray capable of stacking up to 900mm long sheets in the standard configuration.

The two-in-one stacker combination let's you switch between crease or fold jobs from the user interface, there is no need to reconfigure the machine.

The DigiFold Pro XL can be connected to the BST-4000 Beltstacker for increased stacking capability and easier handling of batch folded sheets.

Max paper size W x L:	385mm / 15" x 700mm / 27.5"*
	*385mm / 15" x 1300mm / 51" with extension table
Min paper size W x L:	93mm / 3.89" x 210mm / 8.25"



Morgana DigiFold Pro XL

Morgana DigiFold Ultra

Creasing and folding with full bleed trim capabilities. **Slit, cut, crease, perforate** and **fold** applications in one pass

Morgana DigiFold Ultra

The DigiFold Ultra is a creasing/folding machine with full bleed trim capabilities. It can slit, cut, crease, perforate and fold applications in one pass and is robustly designed to complement mid to high volume digital and offset production presses.

The DigiFold Ultra builds on top of the capabilities of the DigiFold Pro XL by adding in slitting and cutting functionality for full-bleed trim applications. It can produce everything that the DigiFold Pro XL can, but now with full bleed trim, in a single pass. High quality applications such as full-bleed 6 or 8-panel brochures become an easy task even for A4 (8.5"x11") landscape finished formats.

The Ultra's long sheet trimming capability is a strategic complement to the latest printing presses which now offer duplex printing on longer sheets. Instead of purchasing a standard guillotine that can only process up to 560mm long sheets, the Ultra allows customers to fully leverage the capabilities of their new presses, trimming applications up to 1300mm long.

The DigiFold Ultra comes standard with dual folding knives, one DynaCreaser, two slitting knives and one cross-cut knife. The Ultra maintains the high productivity seen on the previous generation Pro XL platforms. There are also attachments such as the Trim Waste Conveyor Belt and BST-4000 Belt Stacker which make the Ultra suited for longer unattended production runs.

After a sheet is fed, two automatically positioned slitters trim off the top and bottom of the sheet and a cross-cut knife is available to cut the lead and trail edges of the sheet. The top and bottom slitters can trim from 3 to 50 mm from the top and bottom edges of the sheet (max trim capability of 50mm will be dependent on trim strip behaviour / paper properties).

The two-in-one stacker combination lets you switch between folded and non-folded jobs from the user interface, no need to reconfigure the machine. Full bleed trimmed, non-folded jobs will come out on the lower stacker for non-folded sheets.

The optional table extension kit allows for applications made from extra-long sheets all the way up to 1300mm (51.2") in length. This will allow for processing of applications such as full-bleed trimmed extra-long banners and 8-panel A4 brochures.

Key Features

- Full bleed trimming
- Slit, cut, crease, perforate, and fold applications in one pass
- Automated full bleed trimming of applications on sheets up to 1300mm long
- Creases and folds up to 6000 A4 / 8.5" x 11" per hour
- User-friendly UI and highly automated
- Full cross perforation available, plus up to five inline perforation/scoring wheels
- Up to 30 creases per sheet (static crease)
- Equipped with both a belt-stacker for folded sheets and a delivery tray for crease only jobs
- Intuitive user interface
- Open design feeder for loading ease and efficiency
- Can be paired with the BST4000-1 for more production heavy environments



Morgana Digifold Ultra



Creasing and folding styles

Creasing styles

AutoCreaser Pro XL

Creasing on covers for perfect binding

One crease (for a thin book) Two creases (spine only) Four creases (spine and hinge)

Five creases for spine, hinge and flap Four creases for flat spine, hinge and flap Six creases for spine, hinge and double flap

Folding Patterns

Parallel Fold Accordion Fold Short Fold

Letter Fold Double Parallel Fold

Open Gate Fold Open Gate Fold with creased line

Folding & Creasing styles

DigiFold Pro XL

Creasing on covers for perfect binding

One crease (for a thin book) Two creases (spine only) Four creases (spine and hinge)

Five creases for spine, hinge and flap Four creases for flat spine, hinge and flap Six creases for spine, hinge and double flap

Folding Styles

Parallel Fold Accordion Fold Short Fold

Letter Fold Double Parallel Fold

Open Gate Fold Open Gate Fold with creased line

Perforation

Examples of short edge fed perforating with optional perforation blade

*The above perforation pattern requires 2 passes on the DigiFold Pro XL or single pass on the AutoCreaser Pro XL

* Optional second/crease/perforation tool required for some applications

AutoCut Pro

Highly accurate, high speed card cutting, slitting and creasing in one easy to use system

AutoCut Pro

The AutoCut Pro is an extension to our traditional range of creasing machines and delivers the benefits of three functions in one – highly accurate cutting and slitting and high speed creasing in an easy to use system. Especially suitable for automatically producing professionally cut business cards. Whether you are a small business or large corporation, this high performance cutter is capable of producing 1000s of cards a day.

Today's digital presses are more powerful than ever and so the need for finishing technology that turns this power into great applications is essential. The AutoCut Pro's unique capabilities enables you to trim the lead, trail edge, top and bottom from a sheet and crease it.

The AutoCut Pro is equipped with an upper-belt

tri-suction feeding mechanism which can take a wide range of paper stocks, with sheet sizes from 210 x 210mm up to 330 x 700mm with optional long sheet kit - and paper weights from 120 - 350gsm.



The feed table automatically elevates to separate the printed sheets to alleviate mis-feeding and damage, while also preventing roller-marks occurring on the finished products.

For ease of use, the 4" touchscreen enables the user to find any of the 16 pre-set templates, or any of the 40 customised jobs that can be stored and recalled for many applications.

AutoCut Pro specifications

Stock weight range	120 - 350gsm
Sheet size range	210 x 210mm 330 x 490mm
Job memories	16 preset 40 customised
Cutting speed	8 sheets per minute, 21-up business cards cut from an SRA3 sheet
Creasing speed	83 sheets per minute based on A4 with one centre crease





EvaBind Plus



EvaBind Plus

The Morgana EvaBind Plus is ideal for the short to medium run environment, offering a simple but highly effective soft cover book production system. With the professional multi-layer glue assembly, including side glue rollers, up to 240 books can be produced per hour.

The system is controlled and operated through a central operator panel. By pressing the Start button the binding process runs in fully automatic mode. A fume exhauster is integrated and can be connected with a flexible hose to any outlet.



PUR is the strongest, most economical and **flexible binding** adhesive available

PUR is the strongest, most flexible binding adhesive available and offers several advantages over other binding adhesives. When inks, coatings or digital print toners are present in the spine area, these can compromise the strength of typical hot melt perfect binding. PUR is resistant to this and will form a super-strong bond with all weights and finishes of a wide range of substrates, such as synthetics, recycled and bespoke materials.

DigiBook 200, 300 XL Pro and 450 PUR Binders



DigiBook 200

The DigiBook 200 Perfect Binding Machine is suited to traditional and digital printers who require short to medium runs of PUR perfect bound books to a professional standard. The DigiBook 200 is equipped with a patented closed gluing system where the spine and side gluing is automatically applied by a slot applicator for the utmost binding quality and accuracy.



DigiBook 300XL Pro

The DigiBook 300XL opens the door to high value, large format book production, complementing the rise of the long sheet digital production engines. Now you can offer your customers books with a finished size of up to A3 landscape. Applications such as catalogues, photobooks can all be produced more economically and easily than ever before.

All DigiBooks have the same innovative glue application and cleaning system, with the PUR glue being applied on the book spine and on the sides by independent glue slots.



DigiBook 450

The DigiBook 450 is the most productive machine in the range. This innovative machine is equipped with a patented closed tank gluing system where the spine and side gluing are applied by a slot applicator, for the utmost binding quality and accuracy. It offers higher productivity, more speed, more automation, including book delivery and cover feeder.

The DigiBook 300 XL Pro and 450 are equipped with retractable milling systems, allowing for the production of sewn book/folded sections.

ColorCut LC330

Fully automated **Sheet label production** with the ColorCut **LC330**. Kiss-cut any shape!

The new ColorCut LC330 'on demand' digital sheet label cutter is designed to provide automatic sheet label cutting for digital print production users, with NO die's or setup costs.

The LC330 has been created as an entry level cutter, for users wishing to enter into sheet label production. It also provides an excellent progression path for users as they grow, as it uses the standard ColorCut Software and resultant cut files are uniform across the range, providing an excellent upgrade path for users as they grow in their business.

The LC330 combines reliable label-sheet feeding with an instant job retrieval system - this enables effortless, yet precise, kiss-cut label and decal cutting at fast speeds.

LC330 Specifications

Max. media size	330 x 483mm
Min. media size	148 x 210mm
Max. cutting speed	800mm per second
Machine dimensions	670 x 470 x 350mm



Market leading features

- Digitally cut any shape labels at up to 800mm/sec
- Digital process means no more costly dies
- QR code/Job Library retrieves associated cut files - even for mixed job batch sessions
- Auto stacker/feeder takes up to 120 sheets
- Paper stacker holds A3+, SRA3, A3, A4 and custom sizes for a maximum cutting length of 483 x 330mm width
- SmartMark registration delivers incredible accuracy - enabled via included ColorCut Pro software
- Run jobs from computer or from a USB drive



Morgana ColorCut LCF700

Fully automated, **ultra fast label** and **sheet fed label** production, with the ColorCut **LC700 Pro**

Label finishing at its very best! We are proud to announce the next generation digital label finishing solution. The LC700 Pro was developed with performance, flexibility and affordability in mind, to provide the perfect finishing solution for your roll labels.

Market leading features

- Digital process means no more costly dies
- Roll widths up to 330mm wide and 350mm diameter
- QR code/Job Library retrieves associated cut files - even for mixed job batch sessions
- SmartMark registration delivers incredible accuracy
- Run jobs from computer or from a USB drive



Morgana LC700 Specifications

Media size	Max. 330 x 750mm Min. 150 x 190mm
Media thickness	Min. 0.14mm (140 micron/140g/m ²) Max. 0.35mm (350 micron/350g/m ²)
Max. speed/Max force	1060mm/s / 750gf
Weight (unpacked)	40kgs
Machine dimensions	690 x 530 x 450mm W D H



Optional ColorCut Pro Server Station

The ColorCut software seriously enhances productivity. Supplied complete with pre-installed Windows® PC and ColorCut Pro software suite, with a flat screen monitor, mouse and keyboard.

Also includes software user licence for 2 additional seats.



ColorCut SC6500

High-speed cutting and creasing in a 'No Wires' working environment

SC6500 - Automated sheet fed digital die-cutter for sheet card and labels with creasing

Building on the successful SC6000 series, the new SC6500 offers a new 'No Wires' working environment.

The SC6500 is a compact dual tool digital cutter offering a highly advanced and reliable high capacity (1,000 sheets) auto-sheet feeder to cut and crease light sheet card (up to 350micron), or labels, to any shape without any set up costs.

With its unique and reliable vacuum belt feeder, the SC6500 can be left to cut unattended, while the camera registration system automatically retrieves cut files by reading the QR codes on each sheet.

The 'No Wires' working environment allows users to operate the cutter without being connected to a PC or to learn a new software program. This especially suits the production and manufacturing environments, where a fast turn around time is essential.



Easy to use automatic job retrieval

When creating jobs, ColorCut Pro applies an auto-assigned QR code to each design, whilst auto-saving the cutting file to the ColorCut Pro Job Library.

The SC6500 checks the QR code on each sheet, retrieves the associated cut file and proceeds to cut and crease as required - even if the sheet is presented at 180°. Choose to cut a single sheet or thousands sheets on an unattended run.

SC6500 Specifications

Crease capability	750gf max 350micron
Max. media size	340 x 710mm
Contour cutting size	330 x 700mm
Max. cutting speed	1060mm per second
Machine dimensions	w830 x d850 x h1230mm

SmartTags are left in the cut lines to retain the item in the sheet - leaving a tidy and manageable stack of finished complete sheets in the catch tray.

High-capacity auto feeder works in conjunction with air blade separation and automated jog function, to present every sheet perfectly for the cutter, every time.

ColorCut SC7000 Pro^T & SC7000 Pro^T XL

The **SC7000 Pro^T** and **XL** models combine **ultra-reliable feeding** with an **instant job retrieval** system and **high-speed cutting** and **tangential creasing**



ColorCut SC7000 Pro^T

These superb, and unique, dual tool cutter/creasers are a hybrid blend of flatbed, sheet-fed, tangential and contour cutting technologies, designed to deliver the benefits of each technology in a compact, affordable and productive unit.

This fully-automatic addition to your studio or production line, can produce point of sale, packaging, and kiss-cut labels in absolutely any shape you wish, in a highly productive and totally versatile way - all from your own pre-designed and printed artwork!

Equipped with an amazing dual tool head that incorporates a premium flatbed style active TANGENTIAL creasing wheel,

makes this device completely unique, enabling you to cut and crease paperboard up to 450 micron and handle a diverse range of media, including paper and synthetics inbetween.

Couple all of this easily usable convenience and functionality with the QR code driven workflow for total unattended automation and you have an extremely powerful, flexible system at your disposal, capable of rapidly processing up to 1,000 sheets, even with multiple mixed jobs in the same stack!

ColorCut SC7000 Pro^T/ Pro^T XL Specifications

Max. media size:	340 x 710mm XL Model: 520 x 720mm
Effective contour cutting area	330 x 700mm XL model: 510 x 700mm
Crease capability	Tangential wheel 2.5kgs (2,500gf) Max 450micron
Auto-sheet capacity	105mm stacker height (Up to 1,000 sheets of 80gsm media for auto-sheet feed)
Max weight	15kgs XL model: 30kgs
Type of cut	Die-Cut (with tags), Half-Cut (Kiss-cut) & Perf
Max speed	1060mm per second
Weight (unpacked) inc. stand	145kgs XL model: 175kgs
Power supply	100-240v 50/60Hz, 100w average (320w peak)

ColorCut SC7000 Pro^T XL



Market leading features

- Digitally cut-through any shape on up to 450 micron media, or kiss-cut sheet labels, all at up to 1060mm/sec.
- Digital process means no more costly dies or waiting time
- Auto feeder stacks up to 1,000 sheets. Up to 340 x 710mm and up to 545 x 740mm for the XL model and custom sizes - with self-centring function and air blade separation with extendible paper tray
- ColorCut Pro - Production Studio software included
- QR* code/Job Library retrieves associated cut files - even for mixed job batch sessions or rotated sheets
- SmartMark registration delivers incredible accuracy - enabled via included ColorCut Pro software
- Retractable media tray and integral media storage area

*QR codes and SmartMarks are generated as part of the included ColorCut Pro software plugin which integrates with vector artwork created in Adobe® Illustrator® and CorelDRAW®



ColorCut Flat Bed Range

Digital flat bed cutter for on demand applications, cuts absolutely any shape

Flat Bed Cutting Tables

Perfect for light to medium run production, the ColorCut series offers a range of machines to suit the cutting and creasing of virtually any form of print, from cardboard packaging for high-end products and protective cartons, to synthetic point-of-sale items and kiss-cut adhesive labels. The ability to digitally produce single items on demand, also makes the ColorCut perfect for prototyping.

ColorCut flatbeds come complete with a selection of cutting blades and mats to suit a wide range of materials.

Cuts a typical SRA3 sheet in just 30 - 60 seconds. This enables users to easily produce anything from one to 1,000 sheets per day.

Sheets are held securely in place by a vacuum air pump. Suction passes through the perforated hold down table and the mat, keeping sheets flat and secure.

FB1180-T Tangential B1 flatbed cutting table

This new addition to the FB1100 Series is designed to handle media 800 x 1100mm. Introducing the ability to cut a wider range of media with its tangential cutting and creasing tool with an effective cutting area of up to 680 x 1020mm.

Offering a new QUAD TOOL HEAD with both drag/swivel and tangential capabilities, the FB1180^T has increased cutting and creasing forces. This offers outstanding results on FBB and SBB packaging boards and provides a wider range to include N, E and F fluted boards, suitable for packaging and point of sale applications.

The larger info-control panel provides a 'No Wires' working environment for remote locations; view and display your job to cut on the LCD screen, select by name or simply press scan to direct the cutter to auto-select the cut file.

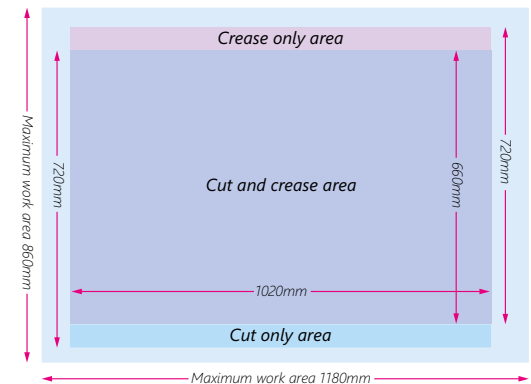
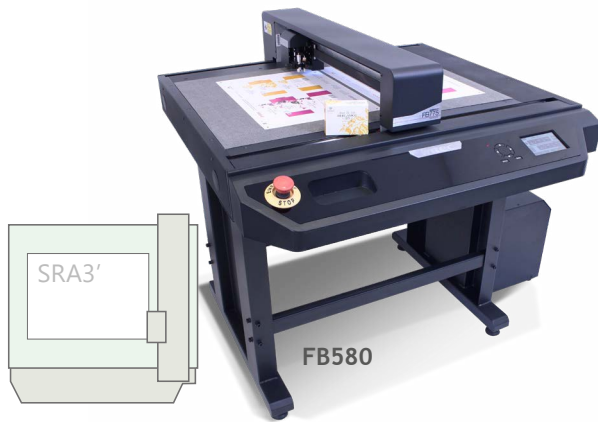


Diagram showing media, cutting and creasing areas with overlap common areas for both

ColorCut FB Range



FB580



FB1180-T



FB780-T

FB780-T Specifications

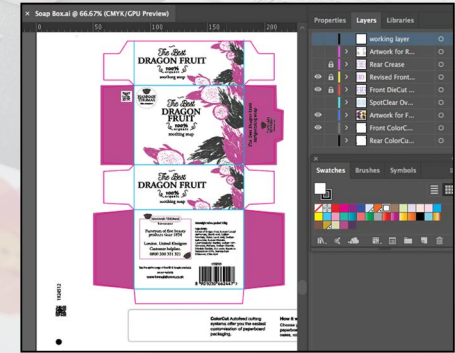
Max. cutting area	480 x 660mm
Max. cutting depth	1000 micron
Max. media area	580 x 800mm
Max. cutting speed	1200mm per second
Machine dimensions	1065 x 915 x 1105mm

FB1180-T Specifications

Max. cutting area	720 x 1020mm
Max. crease area	720 x 1020mm
Max. cut and crease area	660 x 1020mm
Max. cutting depth	3mm / 3000 micron
Max. media area	860 x 1180mm
Max. cutting speed	1,200mm per second
Machine dimensions	1350 x 1360 x 1098mm

FB580 Specifications

Max. cutting area	440 x 580mm
Effective contour cutting area	340mm x 480mm
Max. cutting depth	Paper/card up to 600 micron, Low density media 800 micron
Max. cutting speed	1,200mm per second
Machine dimensions	763 x 860 x 1015mm



The easy to use ColorCut Illustrator plug-in makes file setup fast and easy without compromising on functionality.





Morgana ColorCut FB9000 Pro

Creative digital print finishing for **production** and **prototype packaging**

ColorCut FB9000 Pro

Morgana's advanced, fully automated digital die cutter delivers lightning speed performance, unparalleled media control and highly sophisticated, but user-friendly production functionality.

This premium build system has a high capacity rapid auto feeder, paired with a large format continuous belt cutting table and media collection tray, which together offer synchronised auto-feed/load and eject for fully unattended operation and exceptional productivity.

Tactile controls and immersive touch screen driven software provide an intuitive user experience, ensuring you operate the FB9000 Pro with the simplest daily operation - and virtually no learning curve.

Key features

- Dual tool head for clean cutting, crisp creasing, scoring and perforation - with up to 1.2kg cutting force and 1.5kg crease force
- Cut up to 1,000 micron media
- Auto sheet feeding for high productivity
- High-capacity stacker accepts up to 2,000 sheets (25kg) of printed media
- Adjustable pneumatic suction media pick up
- High-speed synchronised feeding
- Continuous belt cutting table for high productivity
- Optical camera for accurate registration
- Portrait and landscape sheet fed orientation
- Mixed jobs can be loaded and cut
- Media choices - cut your project from thick Folding Box Board, card, synthetics or kiss cut label media
- Ease of set-up and use with no requirement for dedicated operators/previous knowledge or specialised expertise
- Driven by ColorCut Pro software
- QR coded Job Library for file retrieval
- Optional ColorCut Pro Server Station

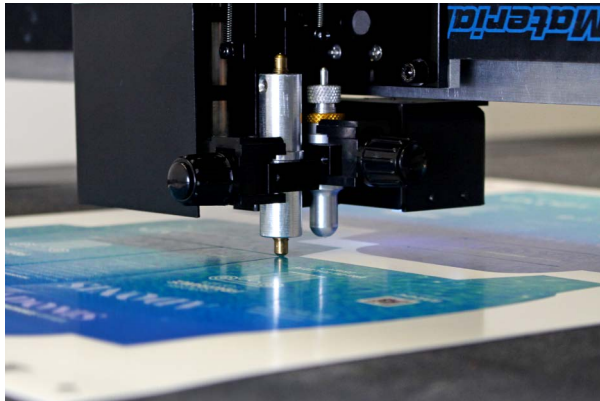
FB9000 Pro Specifications

Max. cutting area	480 x 720mm
Max. media thickness	1000microns/800gsm
Max. media size	480 x 720mm
Min. media size	196.85 x 284.98mm
Max. cutting speed	1,200mm per second
Machine dimensions	w2850 x d1095 x h1600mm

Morgana ColorCut FB9000 Pro

Digital die cutting with high levels of productivity

The FB9000 Pro series of digital die cutters from Intec Printing Solutions use high resolution, digital cutting technology to cut, score, perforate or crease your printed sheets. The brochure speed reflects maximum linear speed the cutter can achieve, but this may not be easily equated into real life jobs. Therefore, the guide below can be used to identify your typical type of work. Each example shows the production time required to create a single or a production batch (typical to that style of work) using the FB9000 Pro Digital die cutter.



Examples of productivity

Tab Dividers

Average time per Tab Divider	14 secs
Tab Dividers/per hour	267/hour
Time for 100 Tab Dividers*	22m 30s
<i>(Based on 2 TAB Dividers per SRA3 sheet in Standard Speed mode)</i>	

Custom Die Cut Folded Brochures

Average time/Custom Brochure	18 secs
Custom Brochures/per hour	200/hour
Time for 100 Custom Brochures*	30m 00s
<i>(Based on 2 Custom Brochures per SRA3 sheet in Standard Speed mode)</i>	

Custom cut Promo Cards/Business Cards

Average time per Individual Card	5 secs
Custom cards/per hour	690/hour
Time for 250 Custom Cards*	21m 46s
<i>(Based on 18 Cards per SRA3 sheet in Standard Speed mode)</i>	

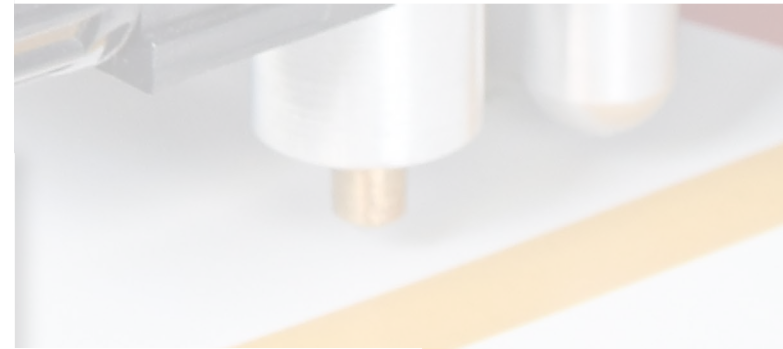
Promotional Tent cards

Average time/Promotional Tent cards	14 secs
Tent cards/per hour	252/hour
Time for 100 Tent cards*	23m 53s

Door Hangers

Average time/Door hanger	11 secs
Door Hangers/per hour	320/hour
Time for 100 Door hangers*	18m 45s
<i>(Based on 4 Door Hangers on an SRA3 sheet in Standard speed mode)</i>	

*Time taken is based upon Standard Speed Mode, each sheet is ejected simultaneously as the next sheet is loaded. Individual sheets may take 7 secs longer for separate eject function.





Morgana ColorCut FB9500 Pro-T

Fully **automated**, ultra fast, **unattended** production, with the ColorCut **FB9500 Pro-T** digital-die **cutter/creaser**

Morgana FB9500 Pro-T for creative, on-demand digital print finishing!

Developed with performance and flexibility in mind, to provide the perfect production and prototyping, finishing solution for your packaging, P.O.S.

This premium build system has a high capacity rapid auto feeder, paired with a large format continuous belt cutting table and media collection tray, which together offer synchronised auto-feed/load and eject for fully unattended operation and exceptional productivity.

Tactile controls and immersive touch screen driven software provide an intuitive user experience, ensuring you operate the FB9500 Pro-T with the simplest daily operation - and virtually no learning curve.

Key features

- Digitally cut any shape at up to 1200mm/sec
- Digital process means no more costly dies
- QR code driven workflow - QR code/Job Library retrieves associated cut files - even for mixed job batch sessions
- Faultless feeding system - multiple feed procedures and customisable options for advanced sheet separation, enabling the feeding phase of production to be optimised to your needs
- Scans and cuts at the same time!
Concurrent task processing - *Scans and feeds subsequent sheets while cutting/creasing the previous, all in one smooth, synchronous operation
- Up to 20% faster output - typically, a verified, 20% faster than its nearest competitor
- Unique and Patented Rear Mark Scanning System - automatically scans the underside of the sheet, and cuts and creases from the unprinted top, enabling an optimised crease on certain media
- Superb 2.5kg crease with tangential wheel creasing tool
- SmartMark registration delivers incredible accuracy - enabled via included ColorCut Pro software



Morgana ColorCut FB9500 PRO^T

High-capacity and ultra-reliable feeding

The FB9500 Pro^T has been designed to provide unattended operation. The feeding system ensures class-leading performance for card, vinyl labels or even tricky laminated sheets. The auto feeder accepts up to 2,000 sheets, which automatically raises and lowers as required, to prevent sheets curling as a result of a constant air flow to the sides.

Dual tool power - digital accuracy

The digital dual tool head, includes passive contour/drag cut, with active tangential creasing wheel and applies force, individually, for both the cutting and creasing tools.

This combination of tools provides a much wider media handling capability and more defined, smoother crease for thick card up to 1,000 micron. The individual tool actions are controlled via the included ColorCut Pro 5 Production Studio software.

FB9500 Pro^T Specifications

Media sizes - sheet fed	Max: 500 x 710mm Min: 150 x 190mm
Media thickness	0.14mm (140 micron/140g/m ²) - 1mm (1,000micron/800g/m ²)
Auto-sheet capacity	25kg / 217mm
Max speed/Max force	Crease: 2.5kg, Cut: 1.3kg. Speed: 1200m/s
Registration system	Vision3 - High resolution CCD vision system ARMS 9
Cut position accuracy	+/- 100 micron
Power supply	220-240V AC 50/60Hz, 700W average 6.8A
Weight (unpacked)	461kg (FB9500 Table: 249kg, Feeder: 214kg)
Dimensions	3140 x 1095 x 1225 W D H (including media catch tray)

Tangential technology enables the FB9500 Pro^T to lift the tool up from the media, rotate it and lower it back onto the media. Suitable for creasing wheels to enable more defined, smoother precise creases - particularly good for thicker media.

Ai control for automatic job retrieval and optimisation of production processes

The FB9500 Pro^T is built on the foundation of our next generation of Ai based ColorCut Pro software delivering new features, functionality, control and automation, redefining how automated cutters can be used.





Morgana CF2000

ColorFlare is a compact laminator and foil-flaring device

ColorFlare

The CF2000 is a compact, dual laminator and foil flaring device, designed to offer an in-house decorative effects solution for short-run, on demand digital applications, as well as lamination for traditional litho output too! With the ability to laminate and foil flare straight out of the box, this high-quality production unit will soon start earning its keep, and you, a great reputation!

Market leading features

- Advanced dual roller process for digital lamination, film and foil technologies for digital applications
- Produce multiple jobs and flaring effects with just 1 machine
- No need to have traditional UV coating for special effects
- High hydraulic pressure for a smooth professional finish
- Semi auto feeding with overlap feature
- De-curl bar for flat sheet finish

ColorFlare: Raising ordinary print work to 'extra-ordinary'. ColorFlare has been developed to meet specific print finishing requirements and built to exacting technical standards – with fully controllable pressure and heat processes, devised to deliver optimum results with today's digital print output. Both lamination and flaring-film rolls are available in a choice of widths and lengths to deliver great value for cost-effective production.

Technical Specifications

Media sizes	Max: 390 x 1200mm Min: 200 x 300mm
Media thickness	150gsm to 400gsm
Lamination speed	1m/min ~ 15m/min
Laminating temperature	Max: 140°C
Heating mode	Oil heating
Roller pressure - hydraulic	1 metric tonne*
Laminate/Foil core size	3" (76mm)
Power supply	220~240v 50/60Hz, 3500w
Dimensions W D H	643 x 760 x 1136mm
Weight (unpacked) and crated	210kgs

* actual reading is 970kgs

ColorFlare CF2500 Pro

Automatic feeding for volume production and **premium decorative effects** of your printed sheets



The Morgana CF2500 delivers an all in one automatic feeding solution for both lamination and foiling. With its unique oil roller heating system providing consistent temperatures, lamination results are improved and energy consumption is reduced. Its simple to set up process offers faultless feeding and speedy production – with fully controllable pressure and heat processes, devised to deliver optimum results with today's print output.

Market leading features

- Automatic feeding with frontal air suction
- Pneumatic auto sheet separation
- Dual process for lamination, film and foil finishes
- High hydraulic pressure for a smooth professional finish
- Electronically adjustable speed and temperature via touchscreen
- Easily adjustable de-curling system
- Auto stop function for stack re-loading

Technical Specifications

Media sizes	Max: 390 x 715mm
Media thickness	130gsm to 400gsm
Lamination speed	1m/min ~ 15m/min
Laminate/Foil thickness	20-250 micron
Automatic feeding	Yes
Feeding mode	Dual air suction
Pile height	Max: 280mm/1400 sheets
Laminating temperature	Max: 130°C
Roller pressure	Hydraulic - 1 metric tonne*
Heating mode	Oil heating
Laminate/Foil core size	3" (76mm)
Laminating rollers	Upper: High gloss chromium. Lower: silicon rubber
Power supply	220~240v 50/60Hz, 3200W
Weight (unpacked)	380kgs
Dimensions W D H	1730 x 800 x 1480mm

*Actual reading is 970Kgs



Plockmatic RDC - Rotary Die Cutter

This revolutionary **RDC** combines speed, easy operation and quality. It's the ideal solution for your **commercial die cutting** requirements

Plockmatic RDC

The RDC is the ideal machine for the production of high volumes of boxes, labels and personalised items, such as business cards, kiss-cut labels and postcards. It guarantees a professional quality and has a fast working speed. It is designed to meet the needs of today's digital print applications, including short, medium and long run custom shaped products.

The RDC has an easy to use touch screen that has various setting adjustments for fine tuning the die location to the image, as well as adjustments for waste separation, job change and job storage.



The cutting accuracy can be controlled by working from the lead edge or a printed registration mark of the sheet, adjustable side guide register ensures that accuracy is repeated every time.

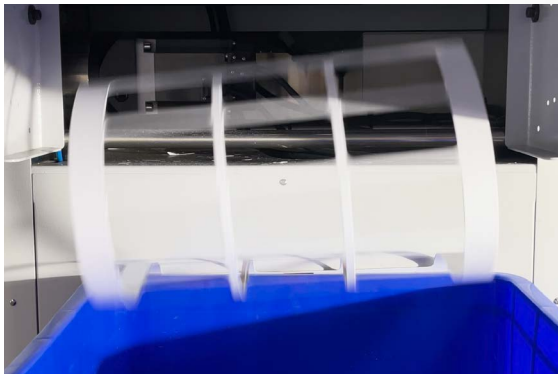
Its intuitive settings enable you to produce up to 4,500 sheets/hour, enabling you to quickly meet any finishing requirement.

The RDC is supplied with automatic waste stripping and removal as standard, allowing perfect delivery of the finished items on the motorised delivery conveyor.



Key Product Features

- Die cut, kiss cut, score and perforate in one pass
- Flexible dies for custom shaped products
- 4,500 sheets per hour
- Top sheet, air suction, deep pile feeder
- Simple and quick die changeover
- Sheet separator
- 368 x 508mm max. sheet size
- 120 - 400gsm stock
- Flexible cutting dies
- Die registration system
- Inline waste stripping
- High capacity feeder
- Delivery conveyor
- Mark or edge registration
- Quick change stripper assemblies
- Batch delivery
- Parameter storage and retrieval



Morgana DigiCoater Pro 400 with VFX or VFL feeder

UV coating gives the perfect finish that **enhances, protects and adds value** to your printed sheets

DigiCoater 400 Pro

UV Coating is rapidly being adopted as a means to enhance, protect and add value to your digital and litho printed documents. The application of a gloss UV Varnish enhances the print quality, colours appear richer, as well as offering protection for documents.

UV Coating is widely considered as being a more environmentally friendly alternative to lamination as virtually no waste is produced in the production process. Unlike laminated stocks, which normally should be treated as plastic waste, UV coated stocks can be disposed of, or recycled as normal printed paper would be.

Unique curing process

Morgana HD LED & Cold UV coaters have removed the risk involved with high temperature conventional UV coaters, eliminating the risk of scorching any substrates. The 'sleep mode' brings the power consumption of the lamps down by 70%. All unpleasant odours on the substrate or the machine are eliminated. The large diameter rollers and optional fluid pre-heating provide a superior finish.



Once coated, the stock is delivered at room temperature - so there is limited distortion or shrinkage of the sheets.

VFX Feeder

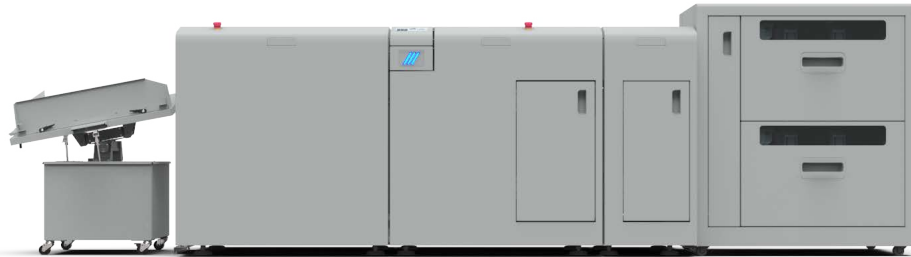
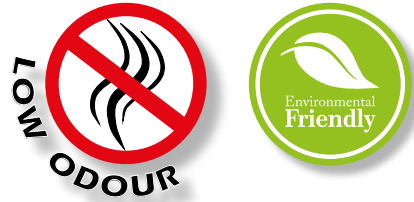
- Up to 5400 sheet capacity
- Two tray configuration allows for uninterrupted job production
- Advanced double sheet detection with infrared and ultrasonic sensors
- Max sheet size 356 x 660mm
- Supports media up to 350gsm

VFL Feeder

- Up to 2000 sheet capacity
- Max sheet size 385 x 1300mm (380 x 720mm when connected to the DigiCoater Pro 400)
- Up to 400 gsm dependant on machine configuration and stock. (For stocks from 400 - 600gsm, these can be hand fed directly into the coating unit, bypassing the VFL feeder).

Morgana DigiCoater Pro 400 HD-LED-UV

LED-UV Coaters are up to **16 times** more cost effective than traditional **lamination**



DigiCoater Pro 400 HD-LED-UV

The Morgana DigiCoater Pro 400 HD-LED-UV is available as an offline coating solution and can be combined with either the Morgana VFX or VFL feeders.

Lowest cost per page in the industry with varnish consumption as low as 2-4 gram/m² dependant on stock to be coated

- Environmentally friendly
- Suitable for food packaging
- Fluid pre-heating enables superior surface finish
- **Automatic Power Sleep** - The LED lamps activate only when a sheet is present. This can reduce power consumption by up to 50%

- **Cold process** - with this cold curing technology, all unpleasant odours on the substrate itself or in the environment around the machine are eliminated making the working environment better for the operator
- **Zero ozone emission** - unlike traditional UV equipment
- **Up to 20,000 hours lifetime on LED Diodes** - this up to 13 times longer than the life of traditional UV lamps
- **Room temperature sheet delivery** - Finished Coated output is delivered at room temperature - no wrinkling or shrinkage and the sheets are ready for further finishing immediately



Reflex Mailing Systems

Mailing with the widest application range in the industry, with a **duty cycle** up to **500,000** inserts per month

Reflex Mailing Systems

This mid range inserting system is ideal for short run job. With a simple and intuitive operation system, its easy automated job change-over makes it suitable for the widest range of applications.

The user interface is both simple and intuitive to use with an easy job programming function. The stock is placed in the inserting module which then adjusts to the sheet size.

Capable of running from DL to portrait and landscape C4 applications, with a document thickness up to 12mm (0.5").

- Automation of manual inserting
- Reprints processing
- Fast turn-around times
- Control reader
- OMR, 1D and 2D
- High capacity feed bin 700 page capacity
- 180cm shingling output conveyor
- Output reading sequence verification
- ADF Integration



Plockmatic DocuBind Pro

DocuBind Pro VFX is an innovative solution for all your **mechanical** binding needs, providing you with greater productivity

The Plockmatic DocuBind Pro VFX is an innovative solution for all your mechanical binding needs giving much greater productivity than hand fed manual solutions, and much more flexibility than running inline with your digital print engine – allowing it to continue to print at full production speed.

This method of twin wire binding is widely used where there is a need for a book to lay completely flat, for example in education and training materials, notebooks, and calendar production where customers need a quick turnaround of the documents.

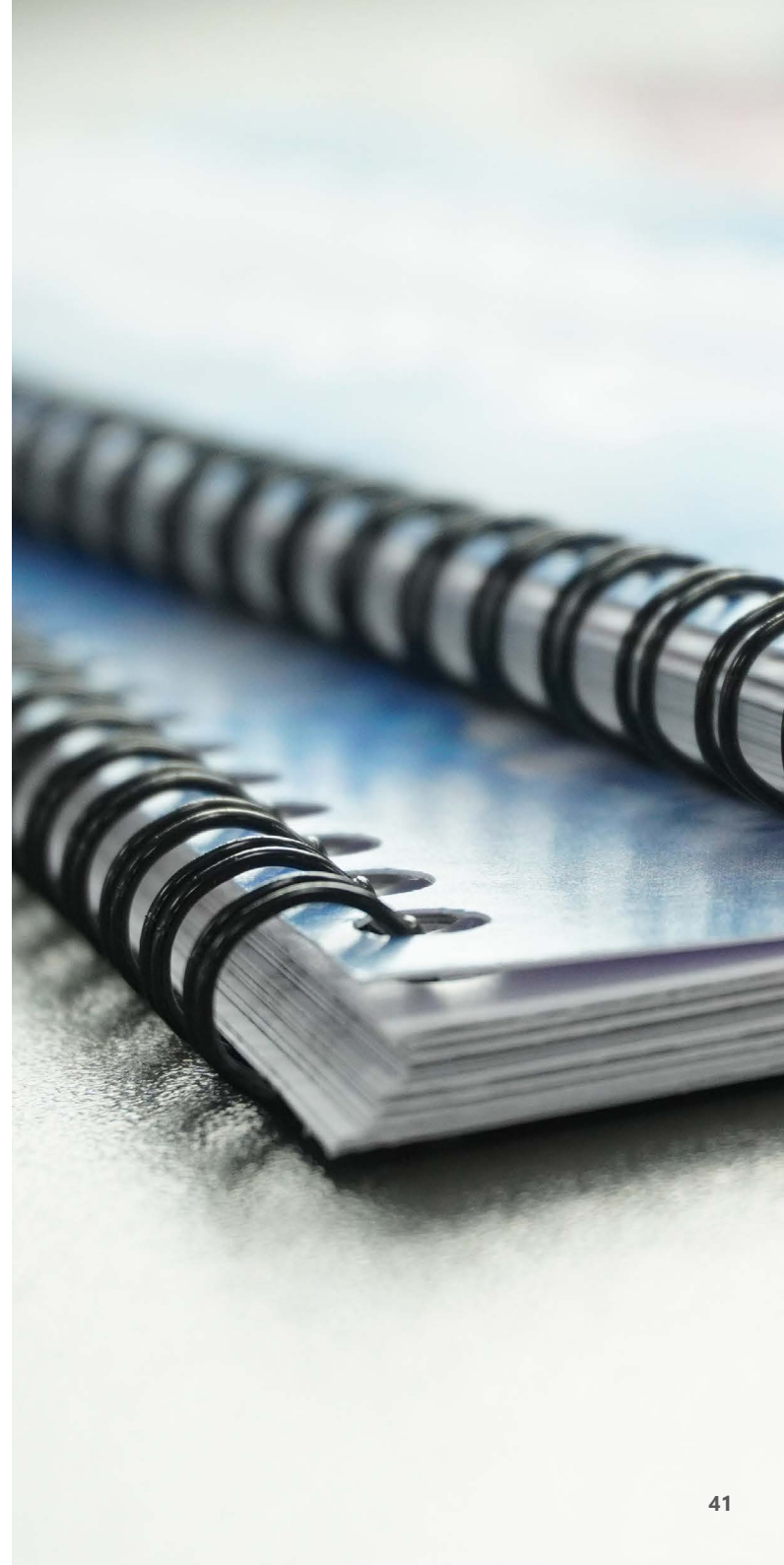
The key elements of the DocuBind Pro are the high speed Plockmatic VFX vacuum feeder running at up to 140 pages per minute, the StreamPunch VFX heavy duty punching and creasing module and the innovative eWire VFX twin wire automatic binding solution engineered by GBC.

The Plockmatic VFX Vacuum Feeder is the latest feeder platform from Plockmatic Group, offering increased ease of use for the operator and enhanced feed reliability.



The StreamPunch VFX is a fully automatic hole punching unit which utilizes a wide range of die sets for multiple hole types including wire binding, coil binding, plastic comb binding or even for basic creasing of printed sheets. Pages can be punched to be automatically bound in the eWire system or can bypass the eWire to exit onto a delivery tray for other applications. The dies are heavily engineered for long life and durability. Sheets up to SRA3 can be punched in stock weights up to 300gsm.

The eWire VFX completes the binding process feeding the wire from spools conveniently located inside the main cabinet of the machine. The wire is fed and cut to length for the required document, closed automatically and the finished book is delivered into a catch stacker. Wire is available in 6 different spool sizes for documents up to 10mm thick or approximately 100 pages. The wire is also available in white, black and silver to match the required finish of the document.



Morgana FSN II

High volume suction feeding numbering machine

FSN II Numbering machine

The FSN II is a heavy duty, high volume, suction feed numbering machine featuring electronic pulsing and feeding from the bottom of the stack so that loading can be done 'on the run.' Positive control of paper from feed to delivery ensures consistent register throughout every run. The FSN II takes up to 8 parallel or convex numbering heads.

This machine can also be used as a very useful perforating unit, ideal for lighter weight stock. Optional extra perforation wheels allow up to 5 continuous perforations down the sheet. Options include micro perfining, and other multiple perfining grades.

Optional perforating wheels:

20, 28, 56 and 96 tooth perforation wheels

- Precision-feeding and sheet control
- Up to 8 parallel or convex heads
- High power vacuum and air pump
- Fast, simple make-ready
- Micro-porous ink roll system
- Perforates and numbers anywhere on the sheet in one pass
- Adjustable platen pressure
- 2 perforators and a scorer as standard
- Electronic sheet spacing
- Continuous operation
- Feeds carbonless sets with open and closed edge leading



Morgana Band-it

The perfect **solution** for **fast, easy strapping**

Morgana Band-it P30 / P50

An automatic strapping machine is a fast and effective way of ensuring your finished documents are kept neatly in order for storage and shipping. The P30/P50 make the operation fast and effortless for the user with speeds of up to 20 Cycles per/min.

- Easy to use operation
- Automatic temperature control
- Three position tension control for light to heavy product

Using the P30/P50 couldn't be made any easier, simply load your stock and adjust the magnetic guide plate to suit. You can choose between three modes to operate. Either manual, automatic or foot pedal depending on which option suits the operator's needs. There's no need to make any adjustments in tape length, so switching from one size job to another is a seamless operation. The operator can also choose from three pressure settings depending on the weight of stock and tension required.



Consumables

Results are always **better** with **quality accessories**

Performance and great results

The best way to get the most out of the machines you buy is to use high quality accessories.

They guarantee good performance and always give the best and most attractive result.

All our accessories are carefully selected and tested to be durable for a long time.

Many of our accessories are also suitable for machines of other brands

Laminate

Plockmatic have both laminate pockets in the most common formats and surface finishes.

When it comes to roll film, we also have the most common types for single-sided lamination and usually in widths of 315 and 420mm.

We also have roll film for double-sided lamination in widths from 305 up to 1400mm

Foil

For foiling, in addition to gold and silver, we offer a number of different colors.

With our foil, you can easily increase the value of the digitally printed media, you can also achieve an effect similar to "spot varnishing"

Wire

We have wire in finished lengths for A4/A5 format 3:1 and 2:1

Plockmatic can also supply spools

Knives and cutting-sticks

We have all knives and cutting sticks in stock for EBA, Ideal and Challenge cutting machines.

Plockmatic can also take care of sharpening knives.

Staples

We have staples for our own and most commonly used staplers on the market

Adhesives

Our range also includes glue for automatic glue binders, both EVA (hot melt) and PUR.





1620250 1 UNIT
Cassette RW92C 30cs High Performance
0-024
No. 60474977
1370015

TECHNOMELT
Adhesive for the graphic industry
CONTENT (kg net) 2
BEST BEFORE 07.01.2025
DATE OF MANUFACTURE 01.08.2024

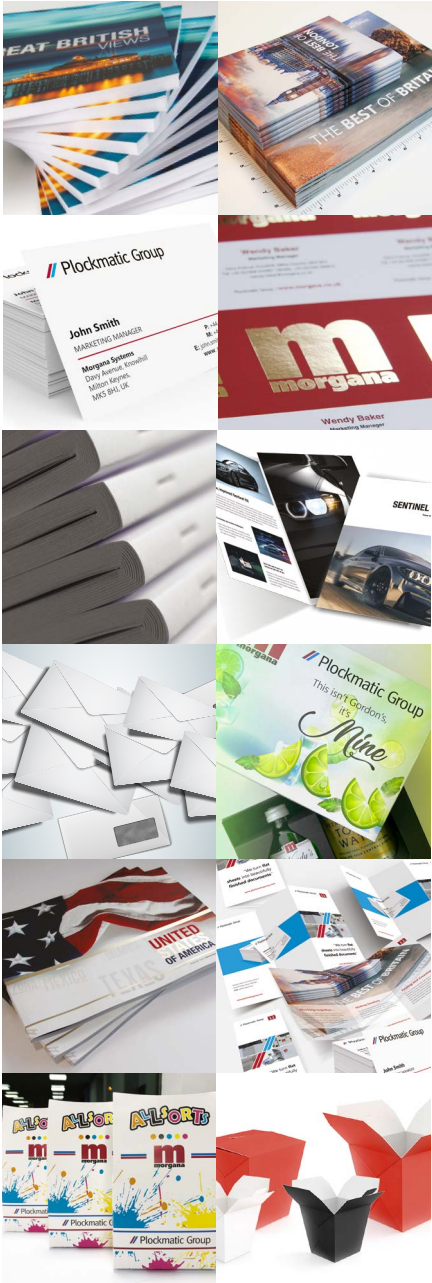
TECHNOMELT
Adhesive for the graphic industry
CONTENT (kg net) 2
BEST BEFORE 07.01.2025
DATE OF MANUFACTURE 01.08.2024
Henkel
Marksheet description
Observe technical information
Przeznaczony do użytku profesjonalnego
Nie używać w miejscach niedopuszczalnych
Do niebezpiecznych kontaktów z żywnością
Chronic przed wilgocią
Henkel AG & Co. KGAA
40758 Düsseldorf, Germany
Phone: +49 (0)211 797-0
Fax: +49 (0)211 797-4039

PLOCKMATIC
International AB
STAPLES Chisel Pointed
For Stapler/Folder
PLOCKMATIC 88
Case Cartridge of 1000 staples
Part No. 000001

PLOCKMATIC
International AB
STAPLES Chisel Pointed
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PLOCKMATIC 88
Case Cartridge of 1000 staples
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Plockmatic Group
1-99-41
56T ROTARY
PERFORATOR BLADE

1620250 1 UNIT
Cassette RW92C 30cs High Performance
0-024
No. 60474977
1370015



Solution

	Application																		
	A4 Portrait books	A4 Landscape books	A5 Landscape books	High page count books (max.224)	Folding and creasing	Creasing	Folding	Perforating	SquareFold documents	PUR binding up to A3 landscape	Business card, postcards	Cutting, creasing & perforating	Laminated and foiled documents	Labels, packaging solutions	Die cutting	Mail inserting	Numbering	Coating	Banding
BM4000 Booklet maker	■	■	■	■															
BM5000 Booklet maker	■	■	■	■															
PowerSquare™ 7000 / PowerSquare™ 224	■	■	■	■															
DigiFold Pro XL					■	■	■	■											
DigiFold Ultra					■	■	■	■				■							
DocuFold Pro, Junior DT-M / DT-A folders							■	■											
AutoCreaser Pro range						■													
SFT SquareFold trimmer	■	■	■	■					■										
AutoCut Pro	■	■	■	■				■		■	■	■	■	■					
DigiBook PUR / EvaBind / Hotmelt	■	■	■	■						■									
Digicoater Pro 400																		■	
ColorFlare CF2000 / CF2500 Pro /													■	■					
RDC Rotary Die Cutter												■	■	■	■				
ColorCut label cutters CF330 / CF700												■	■	■	■				
ColorCut SC6500, SC7000 Pro ^T / SC7000 Pro ^T XL						■		■				■	■	■	■				
ColorCut FB580 / FB780 ^T / FB9000 / FB1180 ^T flatbeds						■		■				■	■	■	■				
Mailing Systems																■			
Morgana Band-it																			■



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