



Product Information

| North America

[www.plockmaticgroup.com](http://www.plockmaticgroup.com)



# Plockmatic Group

Digibook 300 XL Pro  
PUR Binder



DigiFold Pro XL  
Multiple creasing and folding



PowerSquare™ 7000  
Booklet maker



AutoCut Pro  
Cutting sheets with templates



Autocreaser Pro XL  
Creasing machine



FB1190-T  
Flatbed cutter with tangential tools



CF2500 Pro  
Automatic feeding laminator/foiler



FB9500 Pro-T  
Automated digital die cutter



SC7000 Pro-T XL  
Digital die cutter

AutoCreaser Pro XW  
Creasing machine

BM4000e Series  
Booklet making system



BM5000 Series  
Booklet making system

## Contents

## Page number

BM4000e Series	6 - 7
BM5000 Series	8 - 9
VFX Feeder/Barcode reader	10 - 11
PowerSquare™ 224/224VF	12 - 13
PL104/SFT SquareFold Trimmer	14 - 15
DocuFold	16
AutoCreaser Pro XW/Pro XL	17
DigiFold Series	18 - 19
Creasing and Folding patterns	20
AutoCut Pro	21
DigiBook 200/300 XL Pro/450	22 - 23
Morgana ColorCut LC330	24
Morgana ColorCut LC600	25
Morgana ColorCut LCF700	26
Morgana ColorCut SC6500	27
Morgana ColorCut SC7000 Pro <sup>T</sup> & Pro <sup>T</sup> XL	28 - 29
Morgana ColorCut FB Range	30 - 31
Morgana ColorCut FB9500 Pro <sup>T</sup>	32 - 33
Morgana ColorCut CF2000 & CF2500 Foil and Laminators	34 - 35
Renz Punching and Binding Systems	36 - 39
Reflex Mailing System	40
FSN II	41
DigiCoater 400 Pro	42 - 43

FOLDERS AND CREASERS // BOOKLET MAKERS // PUR PERFECT BINDERS // CARD CUTTERS // MAILING SYSTEMS



# It starts with the application



## Application

	BM4000 Booklet maker	BM5000 Booklet maker	PowerSquare™ 224/224VF	DigiFold Pro XL/Ultra Range	AutoCreaser Pro range	AutoCut Pro, AeroFold	DigiCoater Pro 400	DocuFold Pro	Plockmatic PL104	SquareFold Trimmer SFT	Laminator & Foiling Range	RDC Die Cutter	LC330, LC600, LC700	SC6500, SC7000Pro/Pro XL	FB780 <sup>†</sup> /9500/1190 <sup>†</sup>	AP 360/Punch 500 ES/Mobi 500	Reflex Mailing System	DigiBook Binders	FSN II
Oversized books																			
A4 portrait books																			
A4 landscape books																			
A5 landscape books																			
High page count books																			
Creasing and folding documents																			
Creasing documents																			
Folding documents																			
SquareFold documents																			
Cutting/Stripping documents																			
PUR/Perfect binding books																			
Punching and wire binding																			
Laminating and foiling																			
Pre-formed die cutting																			
Label cutting																			
Short run packaging and prototyping																			
Creation with thicker media for packaging, POS and signage																			
Mail inserting																			
Coating documents																			
Numbering/Perforating																			

## Morgana BM4035/BM4050 Series

**Robust and reliable.**  
**Landscape format books**  
with our **signature**  
**SquareFold finish**



The BM4000 series produces consistently high booklet quality on all booklet sizes and media types

- 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 BM4000 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 BM4000 series is designed for demanding environments that handle an average monthly volume of 20,000 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 half letter to letter landscape, or

8.5" x 11" and above 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.

### **Deliver high quality applications**

The BM4000 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 BM4035) or 200 pages (50 sheets with the BM4050). The set positioning mechanism enables the operator to easily adjust the staple and fold position on the fly.

### **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

# Morgana BM4035/BM4050 Series

face trimming features in a single compact module. 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 3.89" 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 FM4000 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 half letter to letter landscape, or large format 11.96" x 11.96"
- Corner stapled documents in portrait Letter
- Edge stapled documents in portrait and landscape Letter
- Up to 140 or 200 page booklet capacity
- Supports up to 25.98" long sheets without CST or 24.4" with CST
- Up to 20k 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 and BM5050

The Morgana BM 5000 series is the latest member of the Plockmatic Group booklet making family, 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 11" x 8.5" landscape applications can be produced by processing sheets up to 24.5" 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.



### 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 11" landscape books, by processing sheets up to 24.5" 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!

**FM5000 Finishing module:** FM5000 includes the face trimmer and SquareFold assembly in one unit. The

## Morgana BM5035/BM5050 Series

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.

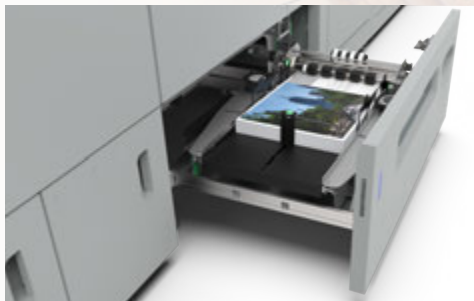
**Stapling:** The BM5035 or BM5050 come equipped with 2 easy change, low-maintenance, heavy duty staple cartridges.

**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.



**BM5035 equipped with CST unit and VFX Feeder**

## Morgana VFX feeder

### 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.

#### 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 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 (20lb bond paper) for a total machine capacity of 5400 sheets, and is capable of feeding stock up to 26" long and 14" wide. With the BM5000 the max supported sheet size is 12.6" x 24.4" and with the BM3000 the maximum supported sheet size is 12.6" x 18". Sizes vary with CST.

#### APC Sensor Technology

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



BM3000 shown with VFX Feeder



BM5000 shown with VFX Feeder



PSQ224 shown with VFX Feeder

## Barcode reader

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



### 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 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.

### 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.

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 personalized.

### 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 following barcodes are supported:

#### 1D Barcode:

Code-39

*Reader can handle 10mil resolution on BCR code*

#### 2D Barcodes:

DataMatrix

PDF417

QR code



## Morgana PowerSquare™ 224/224VF

The **PSQ224** or **PSQ224VF** is the **professionals 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 36.5", 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.



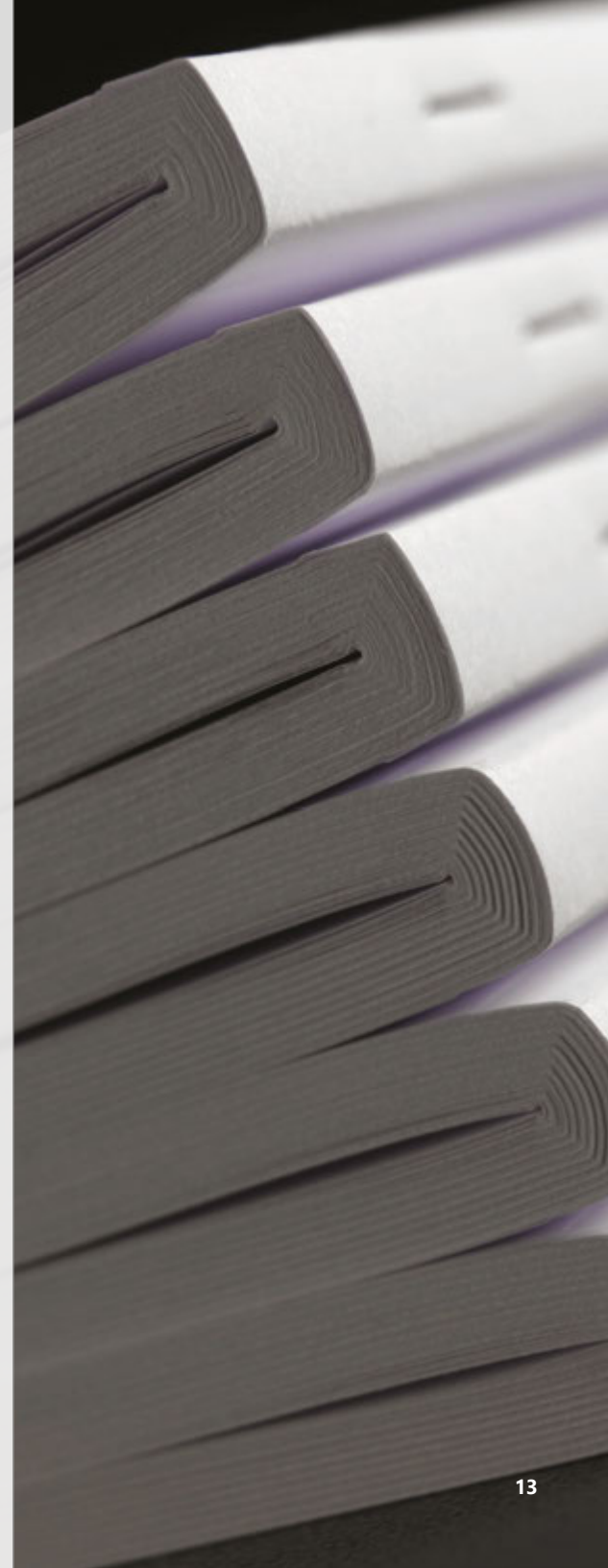
## Morgana PowerSquare™ 224/224VF

Complete the booklet making process by trimming the **top** and **bottom edges** of a **small book** using the **2 knife trimmer**



### Market leading features

- Automatic staple-to-fold tracking gives improved quality with consistent and accurate staple position on the spine
- Integral face trimming produces a professional finish by removing the shingle-edge caused by folding multiple sheets
- Full bleed two knife trimming is available as an option
- Makes books from 4 - 224 pages
- Produces high quality SquareBack™ Books
- Inserts 1 - 6 stitches





# Morgana PL104

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

The Morgana 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 Letter to 1/4 Letter 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 20lb bond
Speed	Up to 1800 books/hour
Squarefolding modes	3 and by-pass
Booklet size	max 9.5" x 12.8"
Booklet size	min 4" x 4.72"



## Morgana SquareFold Trimmer

If you've got a booklet maker, turn your **booklets** into professionally finished **SquareFold** books with the **SFT**

### Morgana SFT

The Morgana SFT converts existing books from any booklet maker into a face trimmed, SquareFold book. It has a booklet compatibility ranging by size from half letter, through 8.5" x 11" landscape books, up to 12" x 12". It processes up to 50 sheets of 20lb bond paper stock.

### Operator Assisted Three-Side Trimming

Not everyone has access or the time to use a guillotine for short run jobs. The Morgana 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 Morgana 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 AutoCreaser Pro XL | 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.

### 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 8".

Running at a maximum of 8,500 letter 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 **15" x 51"** with the table extension, this comes as standard with this new 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.

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

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. This is an industry first for a product of this class and ensures highest feed reliability.

### AutoCreaser Pro XW

This option allows 19.6" width creasing capability. All AutoCreasers feed 8,500 sheets of letter size per hour and take varying stock weight up to 150lb cover and sheets size up to 35.5 x 19.5" with perforation coming as standard.

The machine is now equipped with the Morgana EasyBlade system, which allows easy, tool free removal and change.

The quick release mechanism enables the blade to be easily removed or changed between jobs. This is useful, for example, when changing between a perforation job and a creasing job and can now be done (without tools) in less than 30 seconds.

Max paper size W x L: 15" / 385mm x 27.5" / 700mm\*  
\*15" / 385mm x 51" / 1300mm with extension table

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



# 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 8.27" - 27.56" expanding to 51.2" 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 35.4" 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:	15" / 385mm x 27.5" / 700mm*
	*15" / 385mm x 51" / 1300mm with extension table
Min. paper size W x L:	3.89" / 93mm x 8.25" / 210mm



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 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. The Ultra allows customers to fully leverage the capabilities of their new presses, trimming applications up to 51.2" long and potentially reducing the need for further investment in a larger format guillotine.

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.

## Key Features

- Slit, cut, crease, perforate, and fold applications in one pass
- Automated full bleed trimming of applications on sheets up to 51.2" long
- Creases and folds up to 6,000 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

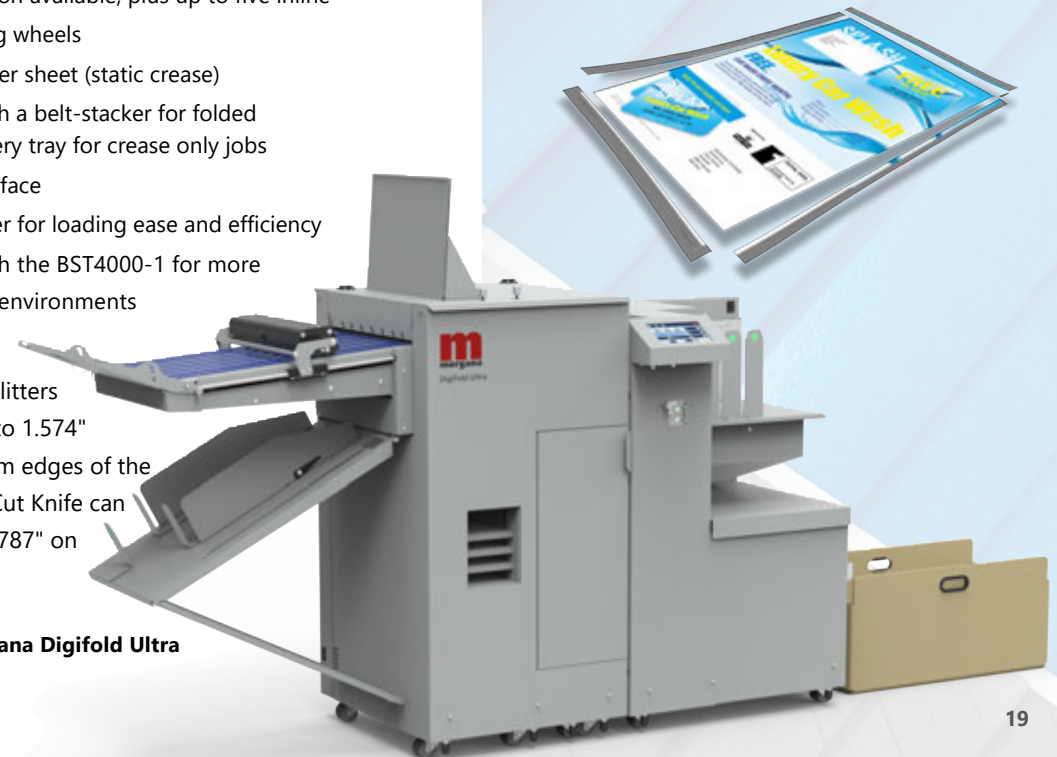
The top and bottom slitters can trim from 0.196" to 1.574" off the top and bottom edges of the sheet and the Cross-Cut Knife can trim from 0.196" to 0.787" on

lead and trail edges (unlimited trim on lead edge with multiple cuts).

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 51.2" in length. This will allow for processing of applications such as full-bleed trimmed extra-long banners and 8-panel Letter brochures.

Morgana DigiFold Ultra




# Creasing and folding styles


## Creasing styles

### AutoCreaser Pro XL

Creasing on covers for perfect binding

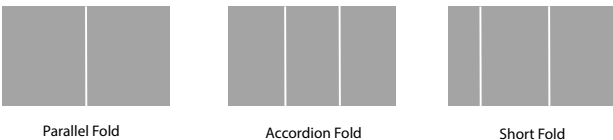


One crease (for a thin book)      Two creases (spine only)      Four creases (spine and hinge)




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

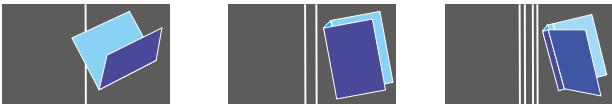


Open Gate Fold      Open Gate Fold with creased line


## Folding & Creasing styles

### DigiFold Pro XL

Creasing on covers for perfect binding

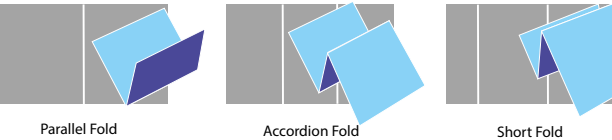


One crease (for a thin book)      Two creases (spine only)      Four creases (spine and hinge)

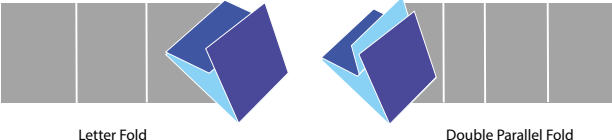


Five creases for spine, hinge and flap      Four creases for flat spine, hinge and flap      Six creases for spine, hinge and double flap


Folding Styles



Parallel Fold      Accordion Fold      Short Fold

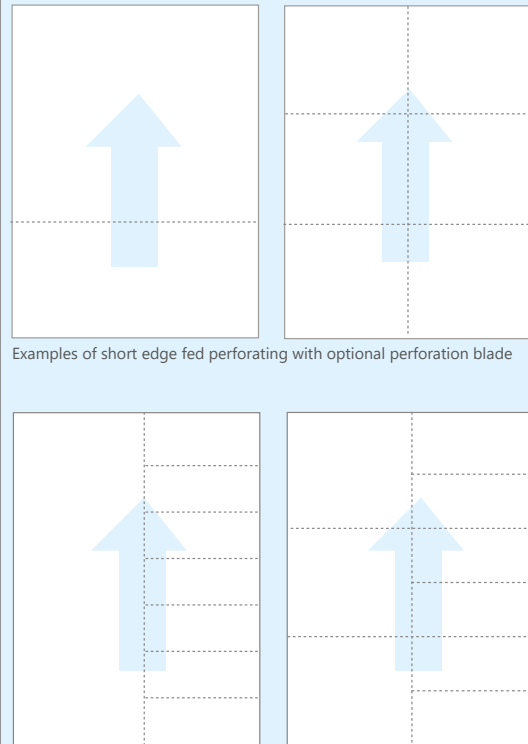


Letter Fold      Double Parallel Fold



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 8.3" x 8.3" up to 13" x 27.56" with optional long sheet kit - and paper weights from 44lb - 130lb (Cover).



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	44lb - 130lb (Cover)
Sheet size range	8.3" x 8.3"   13" x 19.3"
Job memories	16 preset   40 customised
Cutting speed	8 sheets per minute, 21-up business cards cut from an Tabloid sheet
Creasing speed	83 sheets per minute based on Letter size with one centre crease



## Morgana DigiBook 200 PUR Binder

**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.

The systems innovative glue application system, with no less than 7 international patents, is easy to use. Operated via a touch screen panel, programming of all the operations takes just a few seconds.

The PUR applicator is direct and hermetically sealed, without odour or toxic fume emissions, therefore does not require any extraction. It is possible to set different temperatures for the glue melting tank and the applicator, giving greater flexibility and glue life. Another feature of this applicator is it can be cleaned and sealed automatically from the touch screen allowing for minimum glue waste. This offers significant running cost savings compared to competitive technology.



### DigiBook 200

The DigiBook 200 is an entry level PUR binder ideally suited to traditional and digital printers who require short runs of perfect bound books to a professional standard.

The PUR glue is applied on the book spine and on the sides by independent glue slots, each of which can be adjusted to give the best possible spine and side glue results.

## DigiBook 300 XL Pro and 450 PUR Binders

Create unique and stunning  
**18" x 12" landscape**  
**books with the**  
**DigiBook 300 XL Pro**

### DigiBook 300 XL Pro

The DigiBook 300 XL 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 18" x 12" 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/folded book 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	13" x 19"
Min. media size	5.82" x 8.27"
Max. cutting speed	800mm per second
Machine dimensions	26.4" x 18.5" x 13.78"

### 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 Tabloid, Legal, Letter and custom sizes for a maximum cutting length of 19" x 13" width
- SmartMark registration delivers incredible accuracy - enabled via included ColorCut Pro software
- Run jobs from computer or from a USB drive

# Morgana LC600

## Ultra fast, auto feed kiss-cutting for sheet labels

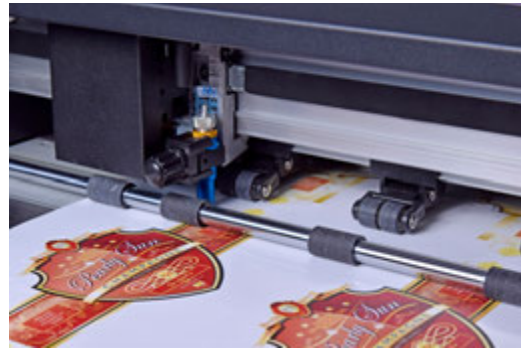
### LC600

The entry level automated solution, the LC600 is a single tool automated cutter for label based applications. Enabling users to turn their digital printing press into a high volume sheet label printer. The LC600 will accept up to 250 sheets of label media in the friction feed auto-sheet feeder. It will load the sheets automatically, reading a QR code on the top of the sheet to automatically kiss cut any shape of label from sheets of 8.5 x 11" up to 12 x 18" and even up to 29.5" long using ColorCut Pro Vision3 plug in for Adobe Illustrator or CorelDRAW.

The QR code system enables users, to load batches of jobs, or even mixed batches and leave the cutter to run - unattended for longer label cutting jobs. Each individual cut files will be retrieved instantly using a printed QR code on sheet.

### LC600 Specifications

Max. media size	12.9 x 29.5"
Min. media size	8.5 x 11"
Max. cutting speed	37.8" per second
Machine dimensions	26.3 x 18.5 x 13.7" (W,D,H) (+32.3" for stand H)



## Morgana ColorCut LCF700

Fully automated, ultra fast **roll-to-roll label** and sheet fed label production, with the ColorCut **LCF700 Pro**

Label finishing at its very best! We are proud to announce the next generation digital label finishing solution. The LCF700 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 13" wide and 13.78" diameter
- Automatic tracking technology that continually measures roll position to dynamically adjust for cutting accuracy
- Linear cutting speeds up to 10.5m(34.44')/min dependent on label design and roll width\*
- QR code/Job Library retrieves associated cut files - even for mixed job batch sessions
- SmartMark registration delivers incredible accuracy
- Laminate rolls to provide surface protection and light fastness
- Convert rolls with final job slitting - up to 5 rolls
- Run jobs from computer or from a USB drive



### Morgana LCF700 Specifications

Media size	Max. 19" x 29.5" Min. 5.9" x 7.5"
Media thickness	Min. 0.0055" (140 micron/51.7lb) Max. 0.0137" (350 micron/130lb)
Max. speed/Max force	1060mm/s 750gf
Weight (unpacked)	88.2lb
Machine dimensions	27.1" x 20.86" x 17.7" W D H

### Morgana LCF700 Roll-to-Roll Specifications

Max. label size	16.5"
Min. label size	None
Material web width	13"
Mandrel core diameter	3"
Slitting	Up to 6 blade slitting
Weight (unpacked)	640lb
Dimensions	63" x 29" x 47.4" W D H



# 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 0.0137"), 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 0.0137"
Max. media size	13.38" x 28"
Contour cutting size	13" x 27.56"
Max. cutting speed	1060mm per second
Machine dimensions	w32.67" x d33.46" x h48.42"

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

### 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 SC7000 Pro<sup>T</sup> & XL

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

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 0.0177" 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<sup>T</sup> XL

The **SC7000 Pro<sup>T</sup> XL** model - Same features and high speed cutting and **Tangential** creasing, but handles sheets up to **20.4" wide**



## Market leading features

- Digitally cut-through any shape on up to 0.0177" 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 13.38" x 28" and up to 20.47" x 28.34" for the XL model and custom sizes - with self-centring function and air blade separation with extendable 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

## Technical Specifications - Morgana ColorCut SC7000 Pro<sup>T</sup> & Pro<sup>T</sup> XL Auto Sheet Cutters

Max. media size:	13.38" x 27.9"   <b>XL Model:</b> 20.47" x 28.34"
Effective contour cutting area	13" x 27.55"   <b>XL model:</b> 20" x 27.56"
Crease capability	Tangential wheel 5.5lb (2,500gf) Max 0.0177"
Auto-sheet capacity	4.13" stacker height (Up to 1,000 sheets of 20lb bond media for auto-sheet feed)
Max weight	33lb   <b>XL model:</b> 66lb
Type of cut	Die-Cut (with tags), Half Cut (Kiss-cut) & Perf
Max speed	1060mm (42") per second
Weight (unpacked) inc. stand	320lb   <b>XL model:</b> 386lb
Power supply	100-240V 50/60HZ, 100W average (320W peak)

\*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 Tabloid 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 31.5" x 43.3". 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 26.7" x 40.16".

Offering a new QUAD TOOL HEAD with both drag/swivel and tangential capabilities, the FB1180<sup>T</sup> 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.

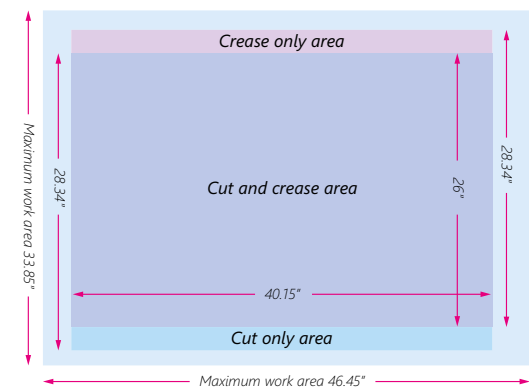
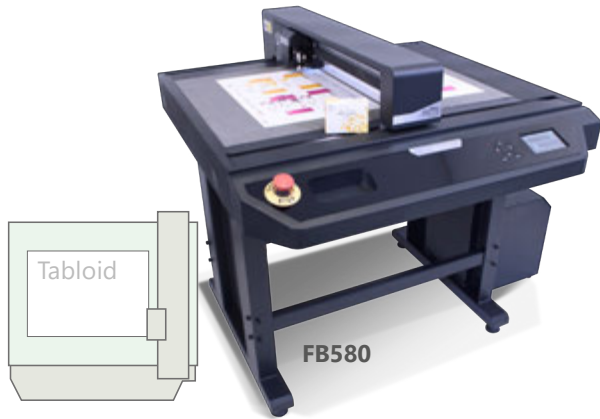


Diagram showing media, cutting and creasing areas with overlap common areas for both

# ColorCut FB Range



### FB580 Specifications

Max. cutting area	17.32" x 22.83"
Effective contour cutting area	13.38" x 18.9"
Max. cutting depth	Paper/card up to 0.0236", Low density media 0.0314"
Max. cutting speed	1,200mm (47") per second
Machine dimensions	30" x 33.85" x 40"

### FB1180-T

### FB780-T Specifications

Max. cutting area	18.9" x 26"
Max. cutting depth	0.039"
Max. media area	22.8" x 31.5"
Max. cutting speed	1200mm (47") per second
Machine dimensions	41.9" x 36" x 43.5"

### FB1180-T Specifications

Max. cutting area	28.34" x 40.15"
Max. crease area	28.34" x 40.15"
Max. cut and crease area	26" x 40.15"
Max. cutting depth	0.118" (3mm / 3000 micron)
Max. media area	33.85" x 46.45"
Max. cutting speed	1,200mm (47") per second
Machine dimensions	53.14" x 53.54" x 46.45"



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



## Morgana ColorCut FB9500 Pro<sup>T</sup>

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

### **Morgana FB9500 Pro<sup>T</sup> 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<sup>T</sup> with the simplest daily operation - and virtually no learning curve.

### **Key features**

- Digitally cut any shape at up to 1200mm (47")/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 5.5lb crease with tangential wheel creasing tool
- SmartMark registration delivers incredible accuracy - enabled via included ColorCut Pro software



# Morgana ColorCut FB9500 Pro<sup>T</sup>

## High-capacity and ultra-reliable feeding

The FB9500 Pro<sup>T</sup> 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 0.0393". The individual tool actions are controlled via the included ColorCut Pro 5 Production Studio software.

## FB9500 Pro<sup>T</sup> Specifications

Media sizes - sheet fed	Max: 19.68" x 28" Min: 5.9" x 7.5"
Media thickness	0.0055" (140 micron) - 0.0393" (1,000micron)
Auto-sheet capacity	55lb / 8.54"
Max speed/Max force	Crease: 5.5lb, Cut: 2.86lb, 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)	1016lb (FB9500 Table: 548lb, Feeder: 472lb)
Dimensions	123.62" x 43.11" x 48.22" W D H (including media catch tray)

Tangential technology enables the FB9500 Pro<sup>T</sup> 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<sup>T</sup> 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!

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.

#### 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



#### Technical Specifications

Media sizes	Max: 15.35" x 47.24" Min: 7.87" x 11.81"
Media thickness	55lb to 147lb Cover
Lamination speed	39"/min ~ 590"/min
Laminating temperature	Max: 284°F
Heating mode	Oil heating
Roller pressure - hydraulic	2138lb
Laminate/Foil core size	3" (76mm)
Power supply	220~240v 50/60Hz, 3500w
Dimensions W D H	25.3" x 30" x 44.72"
Weight (unpacked) and crated	462lb

## 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: 15.35" x 28.15"
Media thickness	48lb to 147lb Cover
Lamination speed	39"/min ~ 590"/min
Laminate/Foil thickness	0.000787"-0.00984"
Automatic feeding	Yes
Feeding mode	Dual air suction
Pile height	Max: 11"/1400 sheets
Laminating temperature	Max: 266°F
Roller pressure	Hydraulic - 2138lb
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)	838lb
Dimensions W D H	68.11" x 31.5" x 58.26"





## RENZ - Punching and Binding Systems

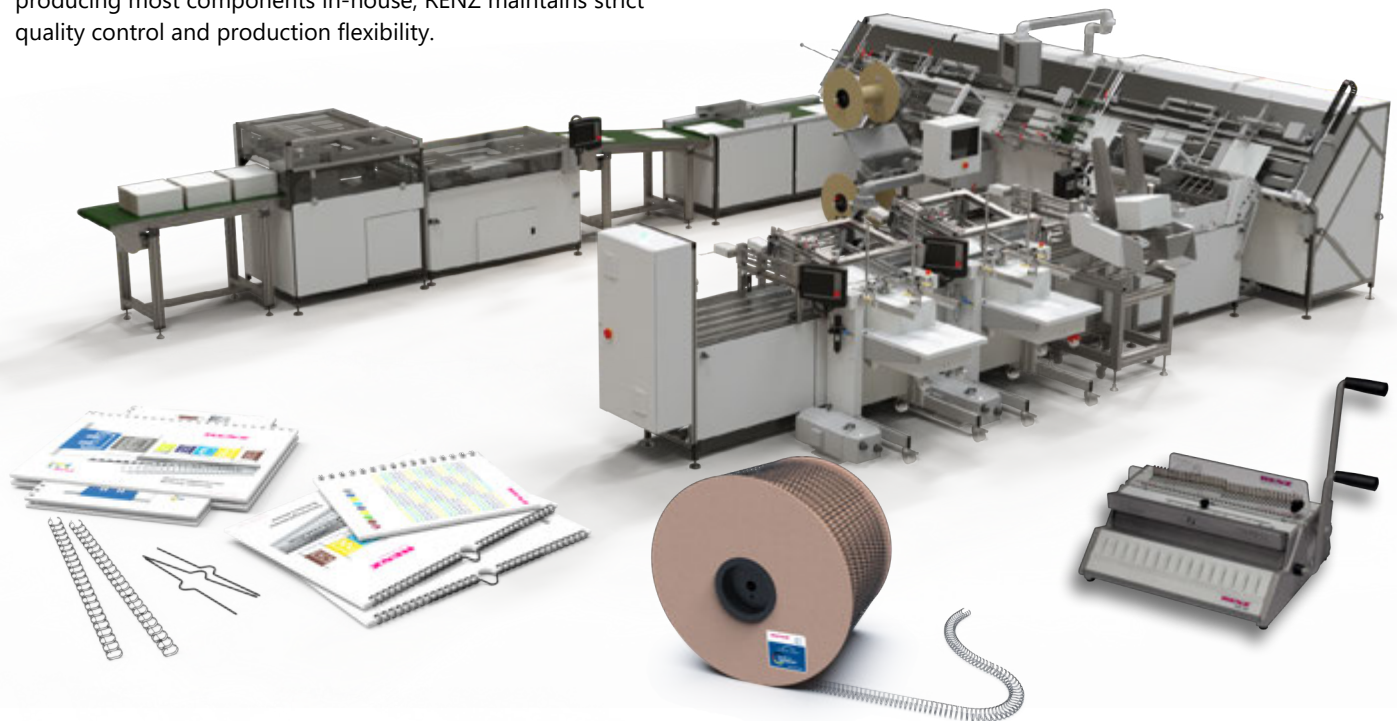
**RENZ** is a globally trusted brand of high-quality punching and binding systems, supported by an international network

With decades of expertise in designing and manufacturing punching, binding, and laminating equipment, RENZ has established itself as a global leader in the industry. Based in Heubach, South Germany, RENZ is supported by a network of international subsidiaries and agents, with products now sold in over 80 countries worldwide.

Recognised for continuous innovation, RENZ invests heavily in advanced technologies, including state-of-the-art CAD software and CNC manufacturing systems. This commitment to precision and efficiency ensures high-quality production and enables RENZ to develop proprietary techniques, particularly in the manufacturing of wire binding systems. By producing most components in-house, RENZ maintains strict quality control and production flexibility.

The RENZ product range includes punching and binding systems - from compact desktop units to high-output automated inline solutions. Machines are categorised into three product groups: Office Line, Semi-Professional Line, and Professional Line, catering to a wide spectrum of business needs.

RENZ also produces a full line of premium consumables, including RENZ RING WIRE®, plastic spirals, plastic combs, and a wide range of binding accessories. All products are designed for ease of use, durability, and complete customer satisfaction—making RENZ a trusted name in book and calendar production worldwide.



# RENZ - AP 360 Digital

## Heavy-duty, high speed, automatic, auto-punch machine, for versatile book and calendar punching production

### Market leading features

- Punching dies for all types of ring wire, plastic comb, coil, calendars and bespoke dies are available
- Two finger paper pick up system which can handle a range of mixed stock
- Fast die changes
- Optional 2-part split dies for book and calendar work
- Optional manual or digital format setup available
- Touch screen assisted set-up process with job memory
- Wheels allow the machine to be moved
- QSA (Quick Size Adjustment) for high flexibility of different paper formats<sup>(1)</sup>
- Horizontal paper feeding for easy product loading
- High-speed output of up to 120 cycles per minute
- The integrated paternoster system supports continuous running, while an output jogger ensures neatly aligned stacks ready for finishing or binding



All performance outputs are based on 80 gsm paper and may vary depending on the product type, the working environment and the operator.

<sup>(1)</sup> Dependent on the die type.

### Technical Specifications

Mechanical cycles per hour:	up to 7,200
Min./Max. punching width:	3.93"/14.17"
Min./Max. unpunched length:	3.34"/14.17"
Max. punching thickness: <sup>(1)</sup>	0.094"
Punching operation:	Automatic
Punch dies available:	3:1, 2:1 ring wire, calendar, coil, plastic comb, tear-off.
Die type:	Professional
Selectable punch pins (QSA):	Optional
Bespoke dies:	Yes
Variable margin depth:	Optional
Die changeover time:	3 min
Machine dimensions L x W x H:	78.74" x 47.2" x 62.99"
Machine weight unpacked/packed: <sup>(2)</sup>	1499lbs/ 2116lbs
Power requirement:	115V~60Hz / 2.3kW or 230V~50Hz / 2.3kW





## RENZ - Punch 500 ES

A **heavy-duty, professional punch** machine designed for **high-volume book and calendar** production



### Market leading features

- Punching dies for all types of ring wire, plastic comb, coil and calendars
- Bespoke professional dies are available on request
- Fast die changes
- 2-part split dies for book and calendar work enabling both book block and calendar punching with a single die-eliminating the need for multiple tooling investments
- QSA (Quick Size Adjustment) for high flexibility of different paper formats<sup>(1)</sup> allowing users to quickly disable punching pins without removing the die, streamlining format changes
- Punch a wide range of mixed stocks
- Horizontal paper feeding
- Includes eccentric shafts, supporting all standard and professional Punch 500 dies, which can be re-sharpened multiple times for extended use
- Equipped with a micro switch sensor, automatically activating the punch when paper is inserted into the die slot



### Technical Specifications

Mechanical cycles per hour	3,000
Min. punching width	2.36" with foot pedal 4.13" with micro switch
Max. punching width	19.68"
Min. unpunched length	2.75" with foot pedal 4.33" with micro switch
Max. unpunched length	31.5"
Max. punching thickness	0.157" <sup>(1)</sup>
Punching operation	Micro switch or Foot pedal
Punch dies available	3:1, 2:1 ring wire, calendar, coil, plastic comb
Die types	Standard, Professional
Selectable punch pins (QSA)	Standard dies: Yes Professional dies: Optional
Bespoke dies	Standard dies: No Professional dies: Yes
Variable margin depth	Standard dies: No Professional dies: Optional
Die changeover time	3 min
Machine dimensions (L x W x H)	26.37" x 17.71" x 15.74"
Machine weight unpacked /packed	246.9lbs/383.6lbs <sup>(2)</sup>
Power requirement	3/PE~200/115V 60Hz / 3,5kW



All performance outputs are based on 80 gsm paper and may vary depending on the product type, the working environment and the operator.

<sup>(1)</sup> Dependent on the die type.

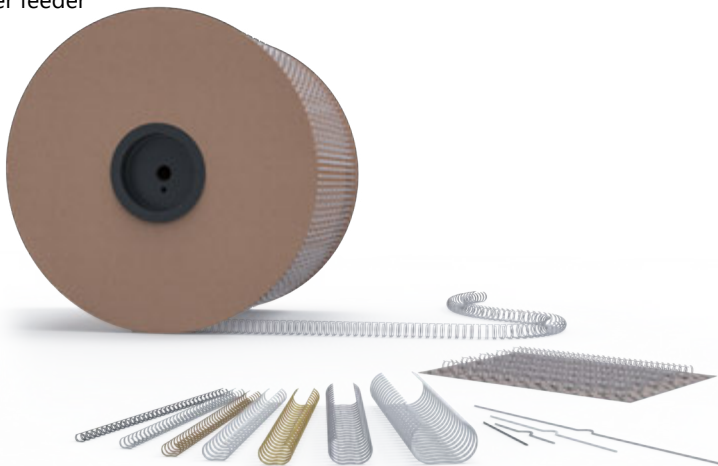
# RENZ - MOBI 500



## User friendly, **flexible, semi-automatic** RENZ RING WIRE binding machine for **books, calendars and skip binding**

### Market leading features

- Semi-automatic ring wire binding machine for books, calendars and skip binding
- High flexibility of different paper formats
- Ability to bind oversized covers
- Touch screen assisted setup process
- Short setup times, no tools required
- Binds up to 260 sheets
- Product is easily loaded by hanging it on to the element
- Wheels allow the machine to be moved easily
- Efficient & Operator-Friendly Binding
- Optional extra:
  - Shingle conveyor
  - KA calendar hanger feeder



### Technical Specifications

Mechanical cycles per hour:	1,000
Pitch:	3:1, 2:1
Binding thickness:	0.0393" - 1.023"
Binding element Ø:	3/16" - 1 1/4"
Min./Max. binding width:	4.13"/19.68"
Min./Max. unbound edge:	5.83"/17.71"
Binding operation:	Foot pedal
Time required for diameter change:	4 - 10 min
Format change without diameter:	2 min
Calendar hangers:	Optional
Machine dimensions L x W x H:	86.61" x 55.11" x 78.74"
Machine weight unpacked/packed:	1102lb/1488lbs s
Compressed air:	No
Power requirement:	115V~60Hz / 1kW

## 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 'Tairy Greene' to Catalogue applications, with a document thickness up to 0.5" (12mm).

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



## 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 perforating, and other multiple perforating 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 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

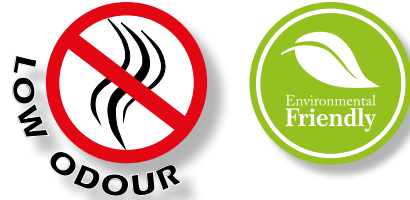
- Up to 5400 sheet capacity
- Two tray configuration allows for uninterrupted job production
- Advanced double sheet detection with infrared and ultrasonic sensors
- Max sheet size 14" x 26"
- Supports media up to 129lb Cover

### VFL Feeder

- Up to 2000 sheet capacity
- Max sheet size 15.15" x 51.18" (15" x 28.34" when connected to the DigiCoater Pro 400)
- Up to 147lb Cover dependant on machine configuration and stock. (For stocks from 147lb - 221.5lb Cover, 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**



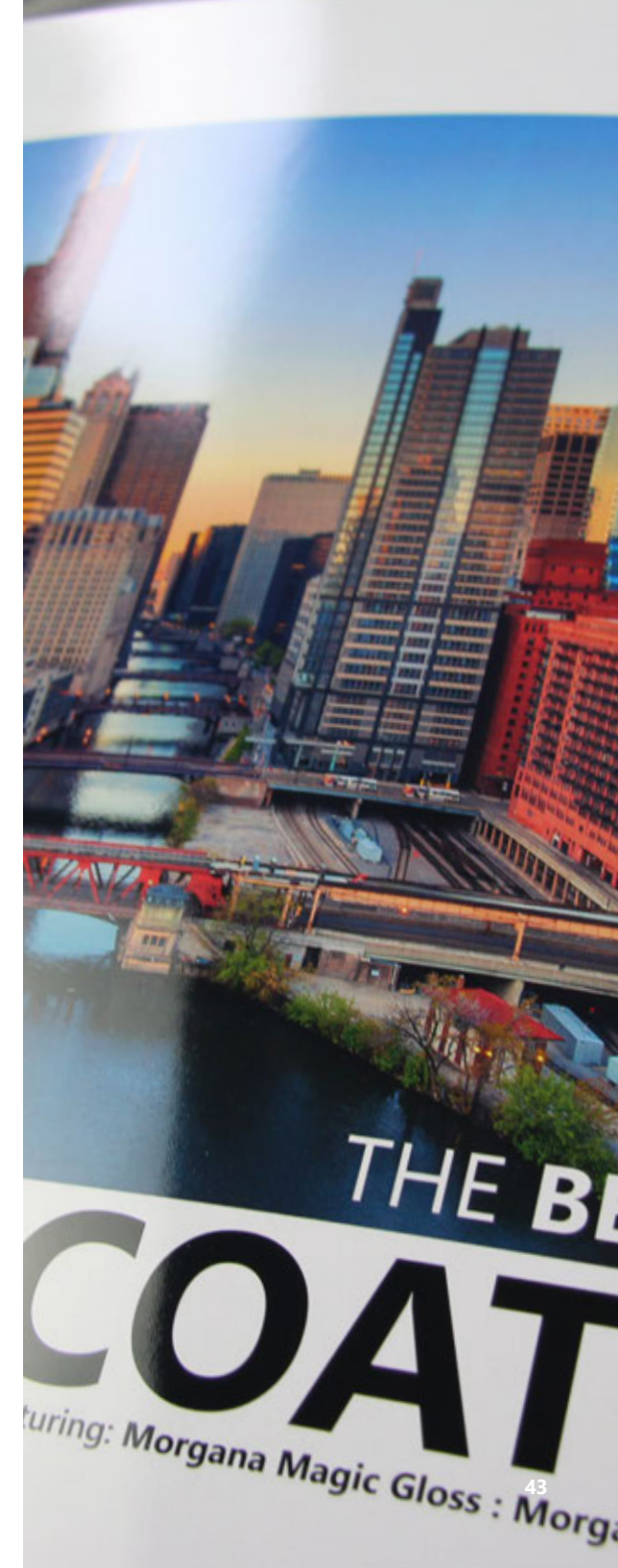
### DigiCoater Pro 400 HD-LED-UV

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/m<sup>2</sup> 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





**844 462 3036**

Plockmatic Document Finishing Inc. |  
7911 Lehigh Crossing | Victor | NY 14564 | USA  
**email:** [sales@morganausa.com](mailto:sales@morganausa.com) | [www.plockmaticgroup.com](http://www.plockmaticgroup.com)



\*Disclaimer 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, temperature, RH and print engine used. Specifications quoted were measured on uncoated and unprinted stock. E & OE. All products are subject to availability