Product Information I UK

// Plockmatic Group
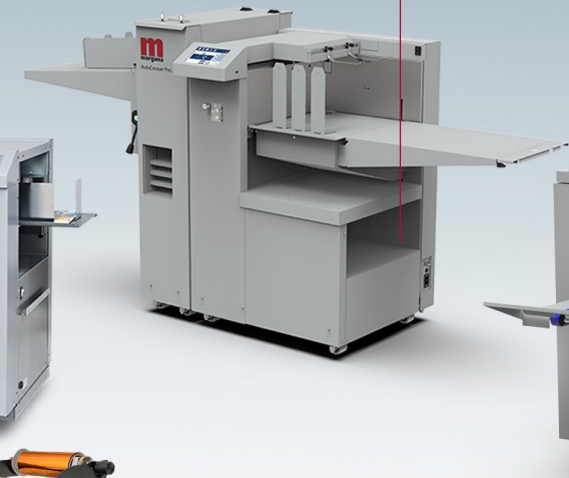
PowerSquare™ 7000
Booklet maker

Autocreaser Pro XL
Creasing machine

Digibook 300 XL Pro
PUR Binder

DigiFold Pro XL
Multiple creasing and folding

AutoCut Pro
Cutting sheets with templates

FB1190-T
Flatbed cutter with tangential tools

CF2500 Pro
Automatic feeding laminator/foiler

FB9500
Automated digital die cutter
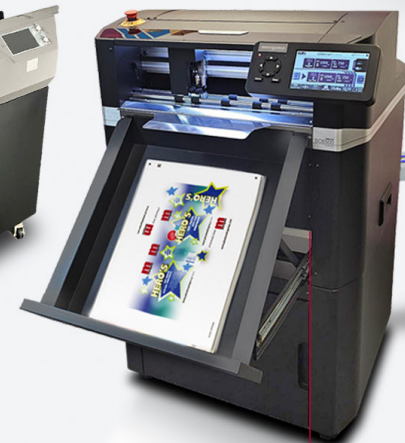
SC7000 Pro-T
Digital die cutter

BM4000e Series

Booklet making system

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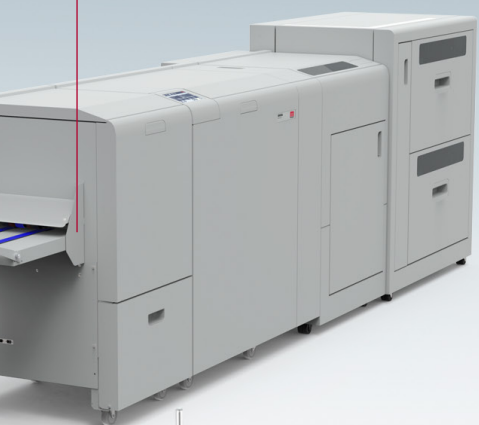
Page number

BM5000 Series

Booklet making system

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

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.

[*]Approximate figures, based on 2 sheet booklets

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 enables 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.
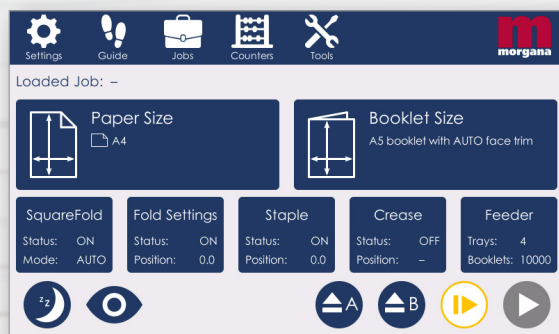
Available as a **hand-fed** device,

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
- Supports hand feeding without undocking when the Hand Feed Bridge Unit is included in the configuration

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 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.

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 (Optional): 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!

SMALL BOOKS

105 x 206mm with staple

105 x 120mm with stitch

*Size will change with ST module

LARGE BOOKS

320 x 305mm with 5mm face trim

50 sheets | 200 pages

35 sheets | 140 pages

Morgana BM5035/BM5050 Series

FM5000 Finishing module : FM5000 includes the face trimmer and SquareFold assembly in one required 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.

Waste transport (Optional): Takes the trim waste from the face trimmer and lifts it up so it can be dumped in to a larger waste container allowing long unattended runs.

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

Waste Transport

BM5035 equipped with CST unit and VFX Feeder

Morgana PowerSquare™ 7000

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

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.

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.

Morgana PowerSquare™ 7000

Produce books with our **signature square folded** finish to **A4 landscape or larger 320 x 320mm format**

Recognizing the diversity of booklet making requirements, the PowerSquare 7000 is offered with a range of optional modules and features. This allows for a tailored approach to meet specific production demands, whether it's enhanced productivity, improved finish quality, or extended unattended operation capabilities.

With configurations ranging from the most straightforward setup to those including advanced features like rotation, side trimming, and crease options, the PowerSquare 7000 is ready to evolve with your production needs. It's more than just a booklet maker; it's a comprehensive solution designed to offer flexibility and scalability.

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.

A new standard in booklet making

Building on the foundation laid by the PowerSquare 224, the PowerSquare 7000 introduces enhancements that significantly increase its productivity, especially for thinner booklet sets. It also expands its capabilities with support for longer sheet sizes, enabling popular landscape booklet formats and offering optional features like the Crease Station and Gutter Cut to further enhance the finished product.

Designed with the user in mind

We've thoughtfully designed the PowerSquare 7000 to ensure it not only meets but exceeds the practical needs of its users. Whether it's the simple setup, the automatic adjustments for book thickness, or the durability that allows it to handle high monthly volumes, every feature contributes to a more efficient and reliable booklet production process.

PST7000, Two-Knife trimming

The optional PowerSquare™ Two-Knife Trimmer 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 trimmer can be equipped with a gutter cut option to enable efficient 2-up production of smaller format books.

Plockmatic VFX Feeder

High capacity **Vacuum feeder** for the **4000, 5000** and **PowerSquare** 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.

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

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.

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
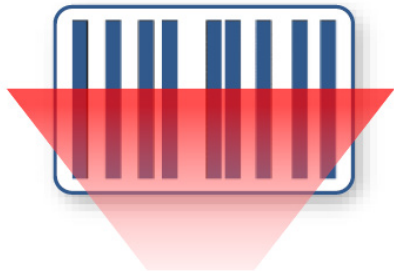
Morgana PL104

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

Morgana SquareFold PL104

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 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
Square folding modes	3 and by-pass
Booklet size	max. 241 x 325mm
Booklet size	min. 100 x 120mm

SMALL BOOKS 100mm x 120mm

LARGE BOOKS 241mm x 325mm

THICK books... THIN books!

Morgana BM61 & AC510

Morgana BM61 booklet maker

The Morgana BM61 booklet maker is a compact and simple to use machine to make booklets up to 88 pages of 80gsm paper. It is equipped with a side jogging unit and can be connected to the C/AC 510 collator to give more automation to the booklet making process.

These versatile machines are able to saddle staple and fold up to 22 sheets of paper and can also be used to side staple or corner staple documents. Booklets with loop staples can also be produced by simply changing the stapling head.

The BM61 booklet maker can take sheets from 200 x 270mm to 305 x 440mm. Various functions can be engaged or disengaged from the operator panel: manual mode, automatic mode, stapling off, or folding only, or folding off for stapling only. An additional beltstacker can be fitted to the delivery for longer runs of booklets.

Up to 1800 booklets per hour can be produced from this well proven and sturdy machine. The BM60/61 is a market leader with this entry level product.

Morgana AC510 Feeder/Collator

The Morgana 510 Feeder/Collator series are based on a standard 10 station, high capacity bin tower structure with centre registration. Two different models are available in the range; the AC510 Collator with air separation and the ACF510 Feeder/Collator with air separation.

The units equipped with feeder mode are ideally suited to customers who have a range of digital and litho printed work, some of which may need to be collated and some which may come pre-collated from a digital engine. There may also be a need to feed digitally printed work from black and white devices, combining coloured pages or covers

Unlike all other friction feed systems on the market, Morgana 510 Feeder/Collator models offer a unique air separation system. Each bin has fans blowing air into the stack from two sides, radically improving the feeding of statically charged or normally hard to feed stock. The air separation in the 510 Series sets new standards in feeding, ideal for digitally printed media.

Morgana SquareFold Trimmer

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

Morgana SFT

The Morgana SFT (Square Fold Trimmer) 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 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 AeroFold Plus

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

AeroFold Plus

The AeroFold Plus is a belt fed suction feed folder which can fold various types of paper, such as offset, coated, art, digital printed papers plus much more. Optional scoring and perforation module available.

Features

Max sheet size:	330 X 488 mm
Max paper weight:	160gsm (single fold: 230gsm)
Minimum paper weight:	52.3gsm
Folding pattern:	Single, letter, zigzag, double parallel, fold-out
Maximum folding speed:	15,000/hour

Morgana Junior DT Folder

Fold up to 14,400 sheets per hour from A6 up to SRA3, with fully automatic fold type

Junior DT-A Folder

The Junior DT-A is a versatile and easy to operate folding machine that can handle documents up to SRA3. 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/hr, 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 SRA3 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/hr. 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 XL

Crease your digital stock without the **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 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 AutoCreaser S

NO CREASE

Morgana AutoCreaser M

CREASED

Morgana AutoCreasers S & M

Entry level **creasers** with SmartScreen technology, **easy blade change, top feed adjustable*** Tri-suction mechanism*

The Morgana AutoCreaser S is the latest in Morgana range of high-speed creasers designed to eliminate the problem of cracking that occurs when folding digitally printed output. It is equally effective when creasing conventionally printed card, laminated or cross-grained stock.

The intuitive SmartScreen controls all the main functions of the AutoCreaser S & M versions. Simply key in the sheet length (popular sizes are pre-set), touch the fold type for the finished product (letter, gate etc) and press the start button. The Morgana AutoCreasers will automatically calculate where the creases need to be and set them accordingly. Any minor changes to the crease position can be made easily form the smart Screen.

Techincal Specification AutoCreaser S

Feed system:	Top feed vacuum & lead-edge air assisted
Feeder stack capacity:	100mm
Speed:	2500/3000/3500 SPH (A4 SEF 1-crease) in three fixed speed levels
Max paper size (W x L) mm:	330mm x 700mm
Min/Max paper weight (gsm):	100gsm/350gsm
Max # of creases per sheet:	x36
Custom program capacity:	x36 (w naming function)
Options at cost: Cross	Floor cabinet; Linear scoring-wheel; Linear perf-wheel Fine/Coarse
Electrical requirements:	200-240V 50/60Hz
Footprint w table extension:	D560 x H590 (excl cabinet) x L1600 mm
Weight:	~60kg

Techincal Specification AutoCreaser M

Feed system:	Top feed adjustable Tri-suction mechanism
Feeder stack capacity:	100mm
Double feed-detection:	Yes (density sensor system)
Double-strike capability:	Yes
Speed:	Up to 3750 SPH (A4 SEF 1-crease) in 4 levels; Perforation speed subject to media
Min sheet size (W x L) mm:	210mm x 210mm
Max paper Size (W x L) mm:	330mm x 1000mm (Max length subject to reduced stack height)
Max paper weight (GSM):	Crease 400gsm; Perforation 350gsm (subject to media and perforation-TPI)
Min paper weight (GSM):	120gsm
Max # of Creases per sheet:	x32
Custom program capacity:	x30
Options at cost: Cross	"Rocking Perf" Fine/Coarse; Crease Blades Wide/Narrow
Electrical requirements:	200-240V 50/60Hz
Footprint w table extension:	D730 x H1220 x L2220 mm
Weight:	~160kg

* 'M' model only

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

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

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

AeroCut X

A reliable and versatile **multi-functional card cutter** and **slitter**...all in one pass

AeroCut X

The AeroCut X is our basic slitter/cutter/creaser that can change job programs instantly. An ideal solution for finishing especially short-run digitally printed applications, such as business cards - 10,800+ full bleed standard business cards per hour, post cards, invitations, greeting cards, leaflets, tickets and more.

The AeroCut X has an innovative patented feeding mechanism that drastically reduces the risk of double feeds and miss-feeds, this gives you greater productivity, accuracy and finishing every time. It features 2 single blade slitters to trim the top and bottom margins from the sheets, and 2 double blade slitters that remove centre gutter and deflects the waste into a bin. The durable self sharpening slitter and guillotine cuts stocks up to 370 x 750mm - 400gsm, while the air-suction top feed system feeds coated stock precisely, feeding one-by-one from the top of the pile on the feed tray,

The AeroCut X now has detachable rollers, making cleaning and maintenance very easy.

AeroCut X specifications

Stock weight range	120 - 400gsm
Sheet size range	210 x 210mm	370 x 750mm or up to 1600mm in flex-mode
Job memories	266 pre-set	150 customised
Cutting speed	8 sheets per minute, 21-up business cards cut from an SRA3 sheet
Creasing speed	36 sheets per minute based on A4 with one centre crease

AeroCut X Pro specifications

Stock weight range	120 - 400gsm
Sheet size range	210 x 210mm	370 x 750mm
Job memories	266 preset	150 customised or up to 1600mm in flex-mode
Cutting speed	9 sheets per minute, 21-up business cards cut from an SRA3 sheet
Creasing speed	68 sheets per minute based on A4 with one centre crease

Bar-code Reader
Barcode Reader Enabled

750mm

Maximum Sheet Length

AeroCut X Pro

Our most **productive** and versatile **multi-functional document finisher. Slit, cut, crease** and **perforate** all in one pass

AeroCut X Pro

The AeroCut X Pro is the latest in Morgana's range of multifunction finishing devices, designed to automate the key finishing processes in one simple to operate, compact machine. The machine is a highly accurate slitter, cutter and creasing device, that can take your oversized stock up to 370 x 750mm (or up to 1600mm with optional extension) from a digital or litho press and deliver a wide range of finished documents. It can also perforate stocks both across and along feeding direction. The Cross perforation unit enables the machine to perforate sheets across feeding direction, both strike and partial perforation. The jump perforation unit includes 2 perfing wheels, this enables the machine to perforate sheets along feeding direction, both full length and with jump perforation.

The AeroCut X Pro features 2 single blade slitters to trim the top and bottom margins from the sheets, 2 double blade slitters remove the bleed from the centre gutters and deflect wastes into a waste bin. The durable self sharpening guillotine cuts stocks up to 400gsm.

The AeroCut X Pro's air-suction top feed system feeds, precisely and without damage, a variety of weight and quality of stock one-by-one from the top of the ream. The feed tray has a stacking capacity of 100mm.

The AeroCut X Pro is an ideal solution for finishing especially for short-run digitally printed applications such as business cards, cutting 16,000 standard cards per hour and 7,000 post cards per hour from an SRA3 sheet. It will also cut invitations, greeting cards, leaflets, tickets and much more. A bar code reader gives the machine the capability to read a barcode for job changing and to prevent errors.

The AeroCut X Pro has detachable rollers, not only making cleaning easy, but gives better access to components in case of a paper jam.

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.

Summa/valiani flatbed cutters

The **Summa/valiani V Series** of **flat-bed cutters** offer the perfect solution for **prototyping** and short run **packaging**
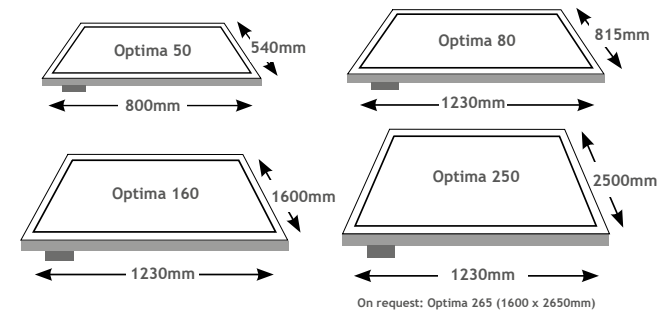
The Invicta

The Invicta series, is available in 3 table sizes.
The Invicta 80 with a cutting area of 820 x 620mm, the Invicta 120 with a cutting area of 1220 x 820mm and the Invicta 150 with a cutting area of 1520 x 1020mm. These machines offer an efficient, flexible, versatile, solution for prototyping and short run packaging, as it can cut material up to 5mm with a standard blade, or up to 20mm with an Oscillating Tool. The Invicta Series is equipped with a vacuum worktable, which offers higher reliability to hold the materials during the cutting process.

The Invicta

The Optima

The Optima series of digital cutting machines ensures a large range of finishing processes such as cutting and creasing, which meets the requirement of many different markets and applications. It's the ideal solution for packaging and apparel industries. Precision, reliability and flexibility are the key features. Simple and intuitive to use, the Optima series incorporates refined cutting technology that can satisfy the most demanding users.

| Optima 50 | 540mm |
| 800mm | |

| Optima 80 | 815mm |
| 1230mm | |

| Optima 160 | 1600mm |
| 1230mm | |

| Optima 250 | 2500mm |
| 1230mm | |

On request: Optima 265 (1600 x 2650mm)

The Optima

Summa/valiani flatbed cutters

Flatbed cutter with automatic feeder and QR code reader.

The efficient solution for high volume cutting

The Omnia

The Omnia has been designed to automatically feed crease and cut material up to 600 x 800mm (B2) without the need for an operator to load and unload the sheets.
A QR Code reader can improve workflow, the camera quickly detects the code, finds the cutting files and executes each project, eliminating cut lists. The cutting arm is equipped with suction cups which lift the materials from the 200mm capacity feeder and places them onto the conveyor belt.

The Omnia

The Integra

The Integra is a cutting system to process materials of greater consistency and thickness typical of the world of signage and packaging industry. Equipped with a 1kW router and a wide range of cutting tools, the Integra guarantees high versatility and quality standards in managing the processing of the most common rigid supports used in the graphics industry. Milling, engraving, cutting and creasing with accurate precision is now possible with the Integra.

Cutting materials for Integra

- Plexiglass
- Aluminium composite/Dibond/Plexiglass
- Acrylic
- Plastic materials
- Foamboard
- Laminates
- Folding and corrugated cardboard

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.

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

LC330 specifications

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

Morgana ColorCut LC700

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

Label finishing at its very best! We are proud to announce the next generation digital label finishing solution. The LCF700 was developed with performance, flexibility and affordability in mind, to provide the perfect finishing solution for your roll labels.
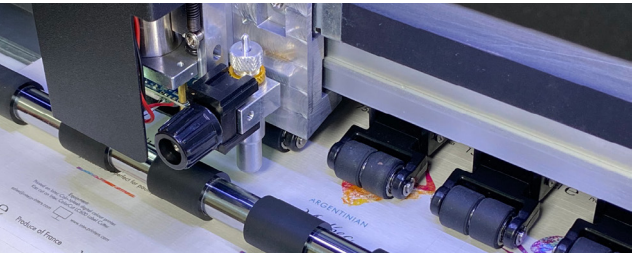
Market leading features

- Digitally cut any shape labels at up to 1060mm/sec

- Digital process means no more costly dies

- Cut closer to media edges with the 'Dual Grip' feed system

- QR code/Job Library retrieves associated cut files – even for mixed job batch sessions

- Auto stacker/feeder takes up to 250 sheets

- Paper stacker holds A3+, SRA3, A3, A4 and custom sizes for a maximum cutting length of 750mm

- SmartMark registration delivers incredible accuracy- enabled via included ColorCut Pro software

- Run jobs from computer or from a USB drive

ColorCut LC700

Morgana LC700 specifications

Media size	Max. 330 x 750mm
	Min. 200 x 150mm
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 × 530 × 450mm W D H

Morgana ColorCut LCF500 Pro Roll-to-Roll Label Cutter

Fully automated, ultra fast **roll-to-roll label** label production, with the ColorCut **LCF500 Pro**

Market leading features

- Digital process means no more costly dies

- Roll widths of 150mm, 215mm up to 320mm wide and up to 300mm diameter

- Select from one to four PageMark registration points, enabling you to set the balance between speed and precision cutting

- Lamination provides your finished labels with surface protection and light fastness

- QR code/Job Library retrieves associated cut files - even for mixed batch production

- Linear cutting speeds up to 10.5m/min dependent on label design and roll width

- Automatic tracking technology continually measures roll position to dynamically adjust for rewind accuracy

- Customisable matrix removal control settings

- Convert rolls with final job slitting - up to 7 rolls

- Run jobs from computer

*see productivity support sheet

The LCF500 Pro system offers an all-in-one on demand label complete finishing solution for volume roll label production.

This incredibly versatile solution provides easy roll loading to cut and finish any shape of label with the option to laminate your label rolls, remove the waste matrix and slit into narrower finished rolls where needed.

ColorCut LCF500 Pro*

Morgana LCF500 Roll-to-Roll specifications

Maximum label frame length:	420mm (16.53")
Mandrel core diameter:	76mm (3")
Maximum input and output roll diameter:	300mm (13.78")
Max speed/Max force:	10 - 1200mm sec / 750gf
Material web width:	150mm up to 320mm
Registration system:	1, 2 or 4 marks with Vision3 - High resolution CCD vision system ARMS 9
Job retrieval:	Direct from PC
Cut position accuracy:	+/- 100 micron
Slitting (*Up to 6 blades*):	7 Rolls, using up to 6 blade slitting - supplied
Lamination:	Inline lamination when required
Rewind mandrels:	One – matrix removal
Weight (*unpacked*):	397kgs
Dimensions:	1,720mm x 930mm x 1,330mm W D H
Power supply:	110~240V AC, 50/60Hz, 350W, 3.4A

*Due to Plockmatic's continual product development this equipment may change from this orginal image.

Morgana ColorCut LCF520 Pro Roll-to-Roll Label Cutter

Fully automated, dual cutting head **roll-to-roll label** production, with the **ColorCut LCF520 Pro**

The LCF520 Pro delivers an all-in-one solution for high-volume roll label production, offering up to 2× faster throughput with its dual cutting heads, enabling simultaneous processing for greater speed and flexibility.

With quick roll loading, it handles lamination, contour kiss-cutting, matrix removal, and slitting to finished rolls for seamless downstream processing and finishing.

ColorCut LCF520 Pro*

Morgana LCF520 Roll-to-Roll specifications

Max. label frame length:	420mm (16.53")
Mandrel core diameter:	76mm (3")
Maximum input and output roll diameter:	300mm (13.78")
Max speed/Max force:	10 - 1200mm sec / 750gf
Material web width:	150mm up to 320mm
Registration system:	1, 2 or 4 marks with Vision3 - High resolution CCD vision system ARMS 9
Job retrieval:	Direct from PC
Cut position accuracy:	+/- 100 micron
Slitting (*Up to 6 blades*):	7 Rolls, using up to 6 blade slitting - supplied
Lamination:	Inline lamination when required
Rewind mandrels:	One – matrix removal
Weight (*unpacked*):	404kgs
Dimensions:	1,720mm x 930mm x 1,330mm W D H
Power supply:	110~240V AC, 50/60Hz, 350W, 3.4A

*Due to Plockmatic's continual product development this equipment may change from this orginal image.

Market leading features

- Dual tools for 2 x throughput for higher-volume roll processing

- Digital process means no more costly dies

- Roll widths of 150mm, 215mm up to 320mm wide and up to 300mm diameter

- Select from one to four PageMark registration points, enabling you to set the balance between speed and precision cutting

- Lamination provides your finished labels with surface protection and light fastness

- QR code/Job Library retrieves associated cut files - even for mixed batch production

- Speed depedent on label design and roll width

- Automatic tracking technology continually measures roll position to dynamically adjust for rewind accuracy

- Customisable matrix removal control settings

- Convert rolls with final job slitting - up to 7 rolls

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

The **SC7000 Pro⁻ᵀ** combines **ultra-reliable feeding** with an **instant job retrieval** system and **high-speed cutting** and **tangential creasing wheel**

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

Max. media size:	340 x 710mm
Effective contour cutting area	330 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
Type of cut	Die-Cut (with tags), Half-Cut (Kiss-cut) & Perf
Max speed	1060mm per second
Weight (unpacked) inc. stand	145kgs
Power supply	100-240v 50/60Hz, 100w average (320w peak)

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 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 SC7000 Pro⁻ᵀ

ColorCut SC7100 Pro⁻ᵀ XL

The **SC7100 Pro⁻ᵀ XL** model combines **ultra-reliable feeding** with an **instant job retrieval** system and **high-speed cutting** and **tangential creasing wheel**

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!

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 545 x 740mm 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 SC7100 Pro⁻ᵀ XL specifications

Max. media size:	520 x 720mm
Effective contour cutting area	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	30kgs
Type of cut	Die-Cut (with tags), Half-Cut (Kiss-cut) & Perf
Max speed	1060mm per second
Weight (unpacked) inc. stand	175kgs
Power supply	100-240v 50/60Hz, 100w average (320w peak)

ColorCut SC7800 Pro⁻ᴿˢ XL

The **SC7800 Pro⁻ᴿˢ XL** model combines **ultra-reliable feeding** with an **instant job retrieval** system and **high-speed cutting** and **tangential creasing wheel**
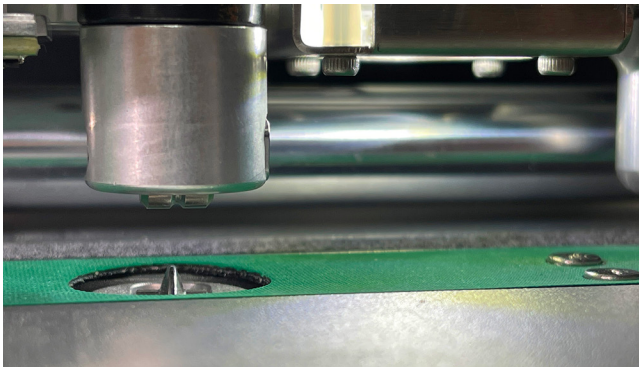
This unique dual tool cutter/creaser combines flatbed, sheet-fed, tangential, and contour cutting technologies—delivering the strengths of each in a compact, affordable, and highly productive unit. At the heart of the system is a revolutionary, patented tangential creasing tool, using male (convex) and female (concave) elements to create sharper, more defined creases. This breakthrough provides effortless folding for a higher-quality finish, giving every job a superior, professional finish, unmatched in its class.

This fully automatic addition to your studio or production line produces point-of-sale items and packaging in virtually any shape, directly from your pre-designed and printed artwork. The advanced dual tool head, featuring the patented tangential crease system, handles paperboard up to 450 microns and a wide range of media, from paper to synthetics.

Combined with a QR code–driven workflow for total unattended automation, the system becomes an exceptionally versatile solution—capable of processing up to 1,000 sheets rapidly and efficiently, even when running multiple mixed jobs within the same stack.

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 545 x 740mm 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

ColorCut SC7800 Pro⁻ᴿˢ XL specifications

Max. media size:	520 x 720mm
Effective contour cutting area	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	30kgs
Type of cut	Die-Cut (with tags), Half-Cut (Kiss-cut) & Perf
Max speed	1060mm per second
Weight (unpacked) inc. stand	175kgs
Power supply	100-240v 50/60Hz, 100w average (320w peak)

Morgana ColorCut Flatbed Range

Digital flatbed cutter for on demand applications, cuts absolutely any shape

Flatbed 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, including lightweight papers, cards, label stock and synthetic substrates.

Cuts a typical SRA3 sheet in just 30 - 60 seconds. This enables users to easily and affordably 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.

FB1190⁻ᵀ
Tangential B1 flatbed cutting table

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**, with an effective cutting area of up to 680 x 1020mm.

Offering a 'Quad Tool Head' with both drag/swivel and tangential capabilities the FB1190⁻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 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.
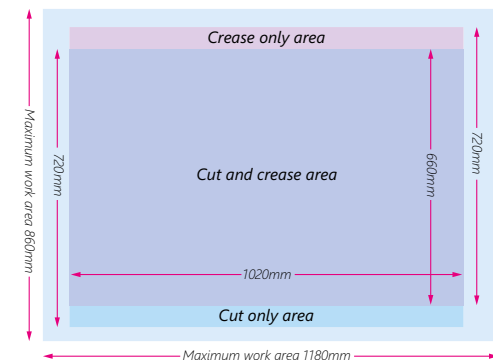

Diagram showing media, cutting and creasing areas with overlap common areas for both

ColorCut FB Range

FB580

FB1190^{-T}

FB780^{-T}

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

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

FB1190^{-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

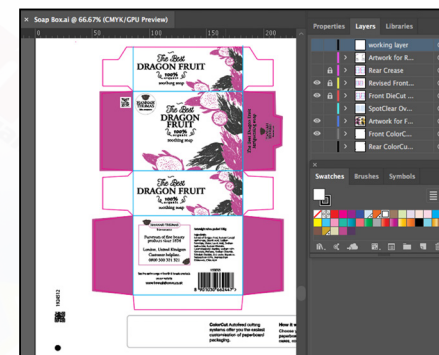|	
Max. cutting area	440 x 580mm
Effective contour cutting area	340 x 480mm
Max. cutting depth	Paper/card up to 600 micron, Low density media 800 micron
Max. cutting speed	1,200mm per second
Machine dimensions	763 x 860 x 1015mm

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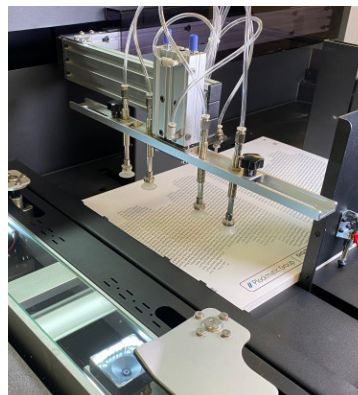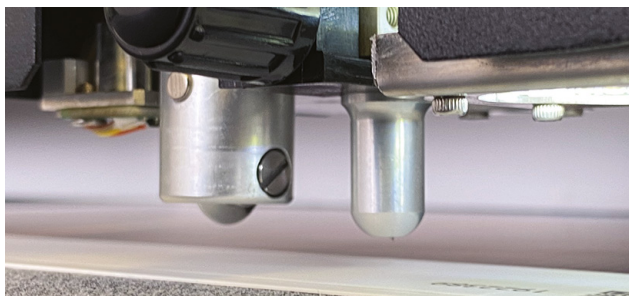
Tangential technology enables the FB9500 Pro^{-T} to lift the tool up from the media, rotate it and lower it back onto the media. Suitable for creasing wheels to enable more defined, smoother precise creases - particularly good for thicker media.

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.

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) and up to 3mm fluted boards with optional tangential knife*
Mountable tools:	Swivel/Drag: Die-Cut (Full cut, Kiss-cut & Perforation) Tangential: Creasing Wheels, Perforation Wheel* & Cut Knife*
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 1225mm W D H (including media catch tray)

Morgana RDC - Rotary Die Cutter

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

Morgana 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.

AeroDieCut

Easy to operate. The **ideal solution** for your in-house commercial **die cutting** requirements

The AeroDieCut die cutter is ideal for short-run digital print finishing. Whether it's for unique shaped cards or boxes, the AeroDieCut gives printers and marketing service providers a new solution for cutting.

Customers require printed materials much faster, personalised, and in the quantity they need. The AeroDieCut is easier to use than traditional large format die cutters and more productive than cutting plotters and laser cutters. The AeroDieCut can process complex cuts, creases, and perforations on printed materials in a single pass.

Safe, intuitive and compact

In the past, die cutters were large, heavy duty devices, and could be used for decades, but they required skilled operators, The AeroDieCut was designed to be used by anyone, anywhere, with a focus on operator safety and minimal mechanical adjustments.

The AeroDieCut utilises traditional platen dies, these are tried and tested, easy to obtain, cost effective and the quality of the finishing is great.

The AeroDieCut turns your printed materials into a variety of applications such as cards, boxes, swing tags, shelf talkers, etc.

Combining both traditional and new technologies, the AeroDieCut transforms your creativity into reality enabling your business to grow.

AeroDieCut specifications

Die board size	350 x 550mm
Die board thickness	18mm
Cutting rule height	23.3 - 23.8
Maximum paper size	365 x 515mm
Maximum finishing size	310 x 485mm
Maximum press speed	1,000 sheets per hour
Multiple-up press	up to 5 times/sheets
Machine dimensions	w2700 x d1070 x h1100mm
Job memory	100 jobs
Stock Weight	120 - 400gsm (depending on quality)
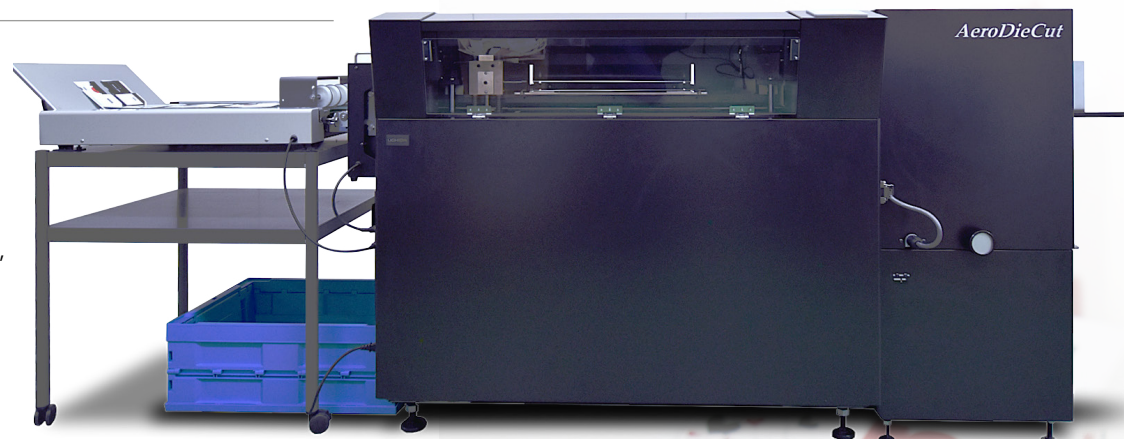
Morgana DigiCoater Pro 400 with VFX or VFL feeder

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

DigiCoater Pro 400 with VFL Feeder

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 400gsm 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**
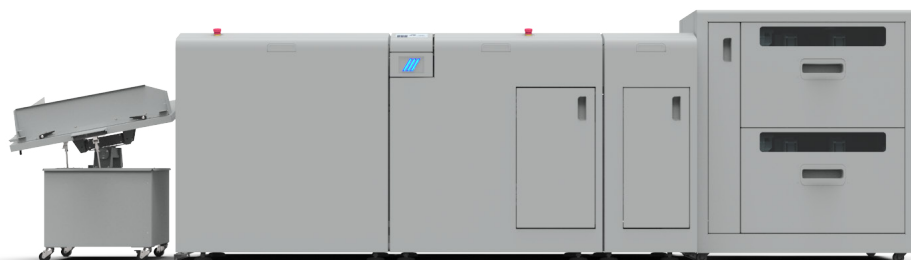
DigiCoater Pro 400 with VFX Feeder

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

THE BEST COATE

Featuring: Morgana Magic Gloss : Morgana Sa
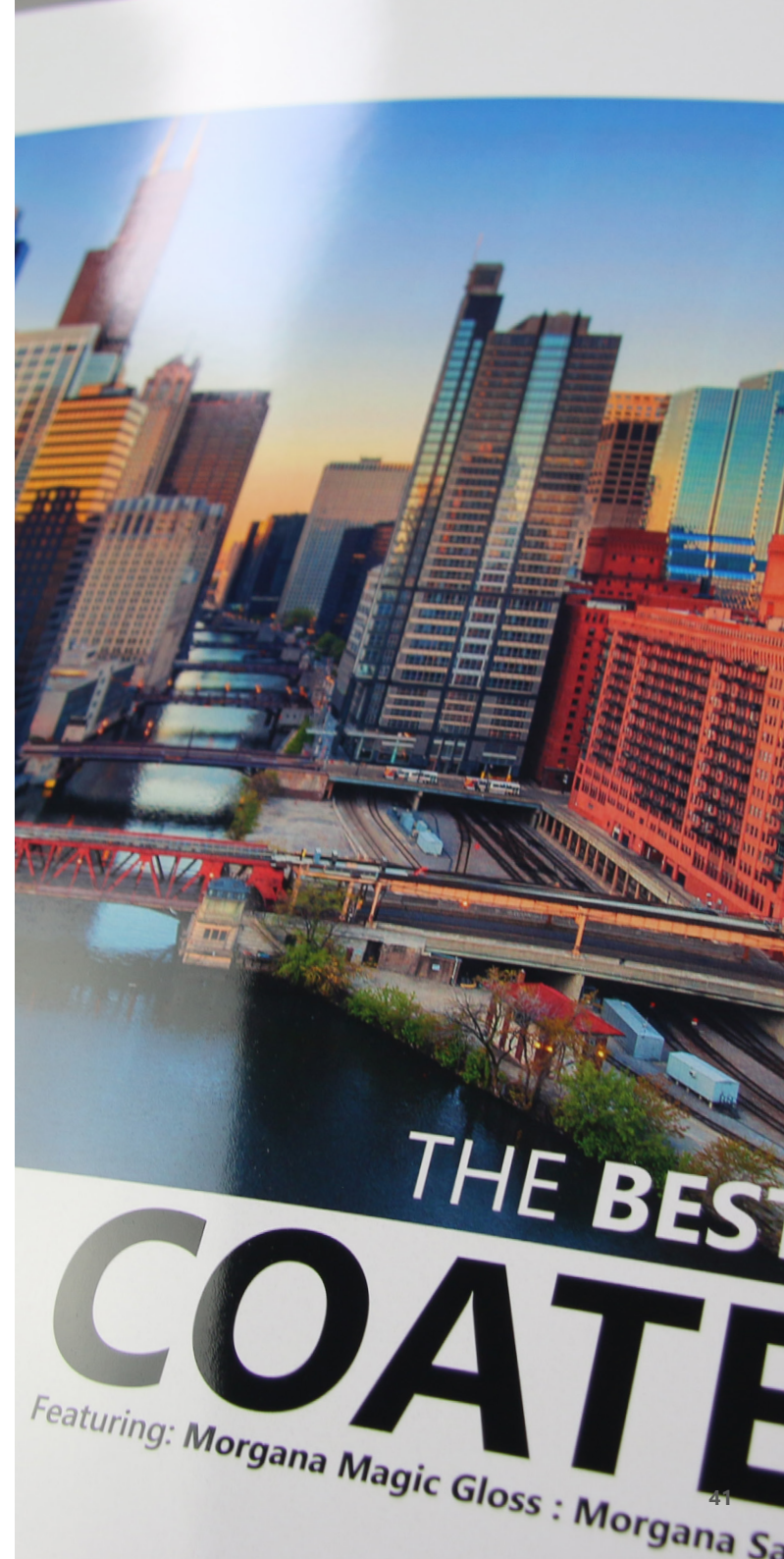
Laminator Pro 550

Easy to use **vacuum fed**, automatic **laminator** for **perfect results** every time

Automatic - Laminator Pro 550

The Laminator Pro 550 is an easy to use, automatic laminator for sheets of up to 550 x 720mm and up to 400gsm in weight. Temperature controlled by sensor, this machine has automatic vacuum feeding functionality. With its easily adjustable de-curling system and pneumatic pressure, this laminator gives the smoothest results on a wide range of stock and lamination finishes.

This machine, with its intuitive user interlace incorporates a unique oil system that improves lamination and reduces energy consumption - and runs at a speed of 2 - 25mtrs per minute. It offers excellent quality output, making it the ideal solution for your in house commercial laminating requirements.

Morgana CF400

Add **stunning decorative effects** to your printed sheets with the ColorFlare **CF400**

ColorFlare CF400

The ColorFlare CF400 model delivers mirror finish metallic foiling, lamination and holographic effects – direct from your desktop! It 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 at class leading affordability.

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

- Dual roll system with input for lamination, film and foil for digital applications including rewind/waste spool roll for recovery of foil and holographic films
- Produce multiple jobs and flaring effects with just 1 machine
- Powerful 240kg, electronic pressure control for a smooth finish
- Semi-auto belt feed tray
- Auto-stop media sensing - prevents waste
- De-curl bar for flat sheet results
- Air blade media cooling for a superior sheet finish
- Media catch tray

Technical specifications

|	
Media sizes	Max: 330mm x 1200mm
	Min: 110mm x 150mm
Media thickness	150gsm to 350gsm
Lamination speed	0.5m/min ~ 6m/min
Laminating temperature	Top roller max: 130ºC
	Bottom roller max: 130ºC
Laminate/Foil thickness	17 - 48 micron
Heating mode	Infrared heater
Roller pressure	120kg to 240kg
(electromechanical)	6 levels electronic adjustment
Laminate/Foil core size	Core: 3" (76mm) and 1" (25.4mm)
	Roll width max: 340mm
Power supply	220~240v 50/60Hz, 3500w
Dimensions W D H	Machine 630 × 895 × 480mm
Optional stand	535 x 540 x 675mm
Weights	Machine: 50kg
	Stand: 14kg

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
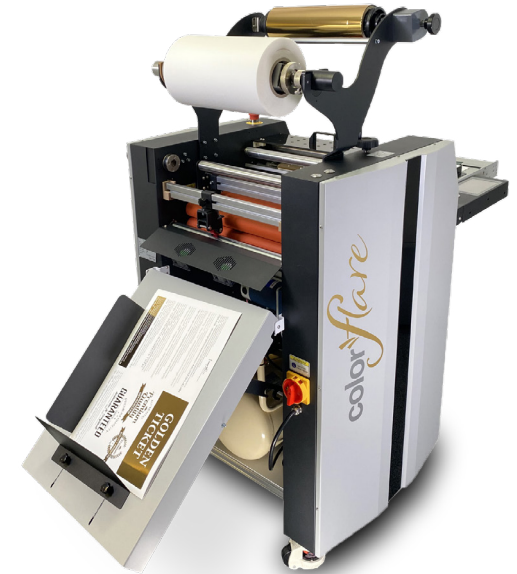
ColorFlare: Raising ordinary print work to 'extra-ordinary'. ColorFlare has been developed to meet specific print finishing requirements and built to exacting technical standards – with fully controllable pressure and heat processes, devised to deliver optimum results with today's digital print output. 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: 140ºC
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 × 760 × 1136mm
Weight (unpacked)	210kgs

* actual reading is 970kgs

Plockmatic Group / WWW.

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/2,000 sheets
Laminating temperature	Max: 130ºC
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

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.
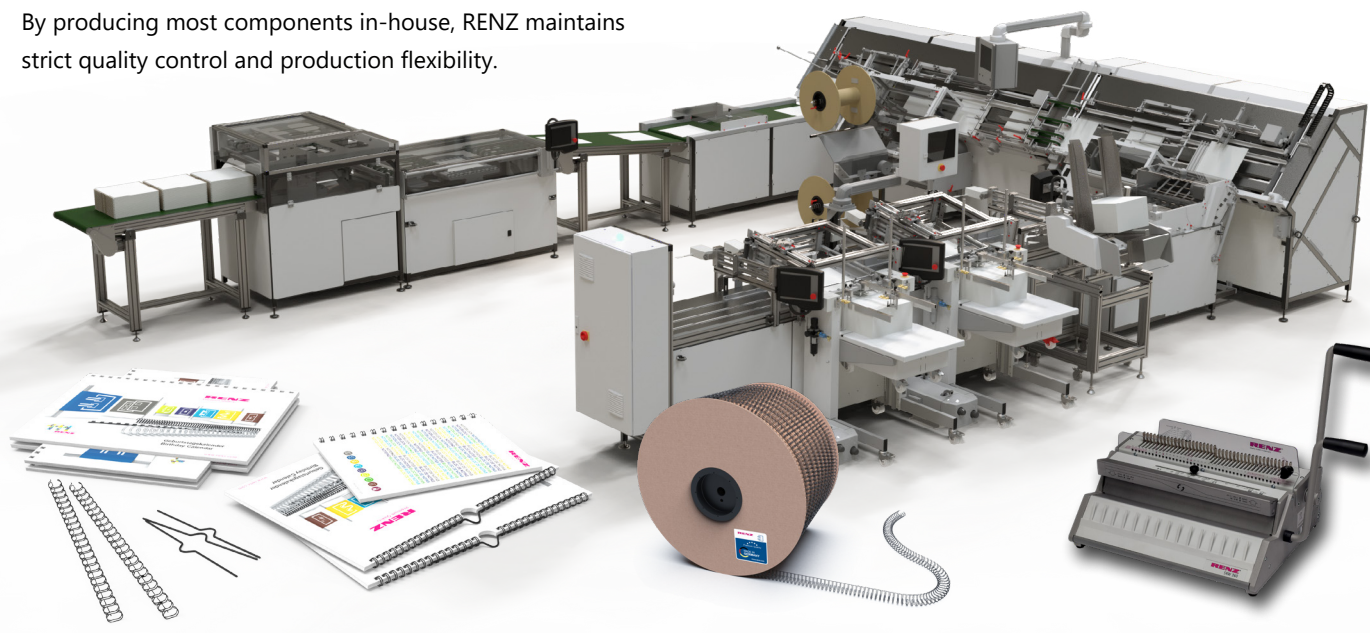
RENZ - AP 360 Digital

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[1]
- 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

Technical Specifications

Mechanical cycles per hour:	up to 7,200
Min./Max. punching width:	100 - 360mm
Min./Max. unpunched length:	85 - 360mm
Max. punching thickness:[1]	2.4mm
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:	2000 x 1200 x 1600mm
Machine weight unpacked/packed:[2]	680kg/960kg
Power requirement:	230V~50Hz / 2.3kW

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

[1] 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:	1 - 26mm
Binding element Ø:	5.5 - 32mm
Min./Max. binding width:	105* - 500mm
Min./Max. unbound edge:	148mm*- 450mm
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:	2200 x 1400 x 2000mm
Machine weight unpacked/packed:	500kg/675kg
Compressed air:	No
Power requirement:	230V~50Hz / 1kW

RENZ - DTP 340 A

Fast and reliable, heavy-duty, semi-automatic, desktop punching machine. Very versatile machine for all types of book and calendar punching production

Market leading features

- Punching dies for all types of ring wire, plastic comb, coil and calendars
- Punch a wide range of mixed stocks
- Fast die changes
- Fastest machine in its class with automatic paper ejection. Up to 3 times faster than a standard bench top machine
- QSA (Quick Size Adjustment) for high flexibility of different paper formats(1)
- Vertical paper feeding for precise punching

Technical modifications may be made without notice. 1 mm = 10 sheets of paper, based on 80 gsm. All performance outputs are based on 80 gsm paper and may vary depending on the product type, the working environment and the operator. For best punching results we recommend a paper thickness of 2.0 - 2.5 mm. [1] Dependent on the die type.

[2] Weight excluding the die.

Technical Specifications

Mechanical cycles per hour	1200
Min. punching width	10mm
Max. punching width	340mm
Min. unpunched length	110mm
Max. unpunched length	800mm
Max. punching thickness	3.5mm
Punching operation	Sensor or foot pedal
Punch dies available	3:1, 2:1 ring wire, calendar, coil, plastic comb
Die types	Standard
Selectable punch pins (QSA)	Yes
Bespoke dies	No
Variable margin depth	Yes[1]
Die changeover time	2 min
Machine dimensions	880 x 640 x 380mm (L x W x H)
Machine weight unpacked /packed	53kg[2]/89kg[2]
Power requirement	230/50Hz / 300W

The 68

SpeedCut®
Version: v1.0.0

EBA Guillotines - The 56 & 68

The latest **programmable** powered **guillotine** for **increased efficiency** and **productivity**

The 56

THE 56

The 56 is the next-generation of programmable powered guillotines – for increased efficiency and productivity, with IR light beam safety curtain and hydraulic clamp drive.

Operation is via 15.6" touch-screen display. The intuitive software with comprehensive features is operated via touch and swipe gestures – just like a tablet or smart-phone. The tilt adjustable display can be ergonomically adapted to body height and lighting conditions.

For maximum operator safety and cutting, the Electronically controlled IR light beam safety curtain on the front table (with status indication in the display and the blade activation buttons) ensure safe two hand cut release.

A cut can be executed safely by means of the EASY-TOUCH blade activating buttons with integrated optical signals indicating the operational status.

The fine manual adjustment of the back-gauge ensures maximum precision – extremely user friendly via the ergonomic control element at the front of the machine.
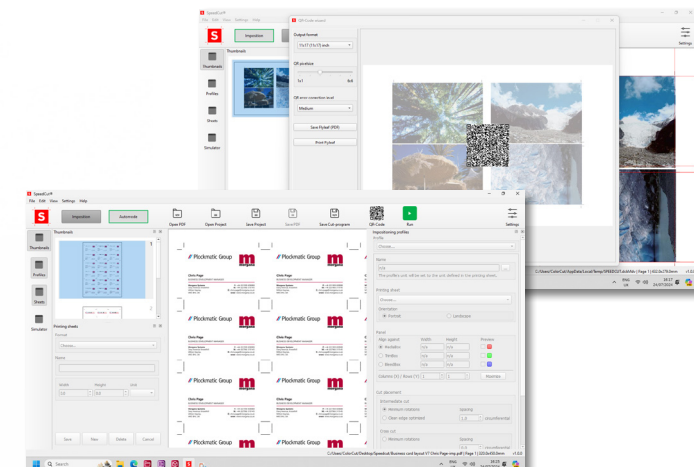
The hydraulic precision drive is very accurate, while the clamping pressure is infinitely adjustable and programmable via the touch control panel.

SpeedCut

Add SpeedCut to your system for imposition and cutting co-ordination from start to to perfect finishing. Speed up your processes with more accuracy with less training for great productivity and higher levels of finishing

EBA Guillotines

Innovative small format **guillotines** available in cutting widths from **430mm** to **720mm**

EBA Guillotines

EBA guillotines are the worlds most popular small format guillotines. Designed and manufactured from the highest quality materials, EBA guillotines are easy and efficient to use and come in a range of sizes.

Starting from the attractively priced entry level model - the EBA 4305. This manually operated office guillotine comes with a 430mm cutting length and 435mm table depth (for formats up to A3).

The largest model in the range, the EBA 7260 has a cutting length of 720mm. This model comes with EASY-CUT, hydraulic clamp, programmable power back-gauge with electronic control module and IR light beam safety curtain on the front table.

Safety is paramount in the design with all hydraulic models fully equipped with either safety covers or the latest in IR safety guard technology.
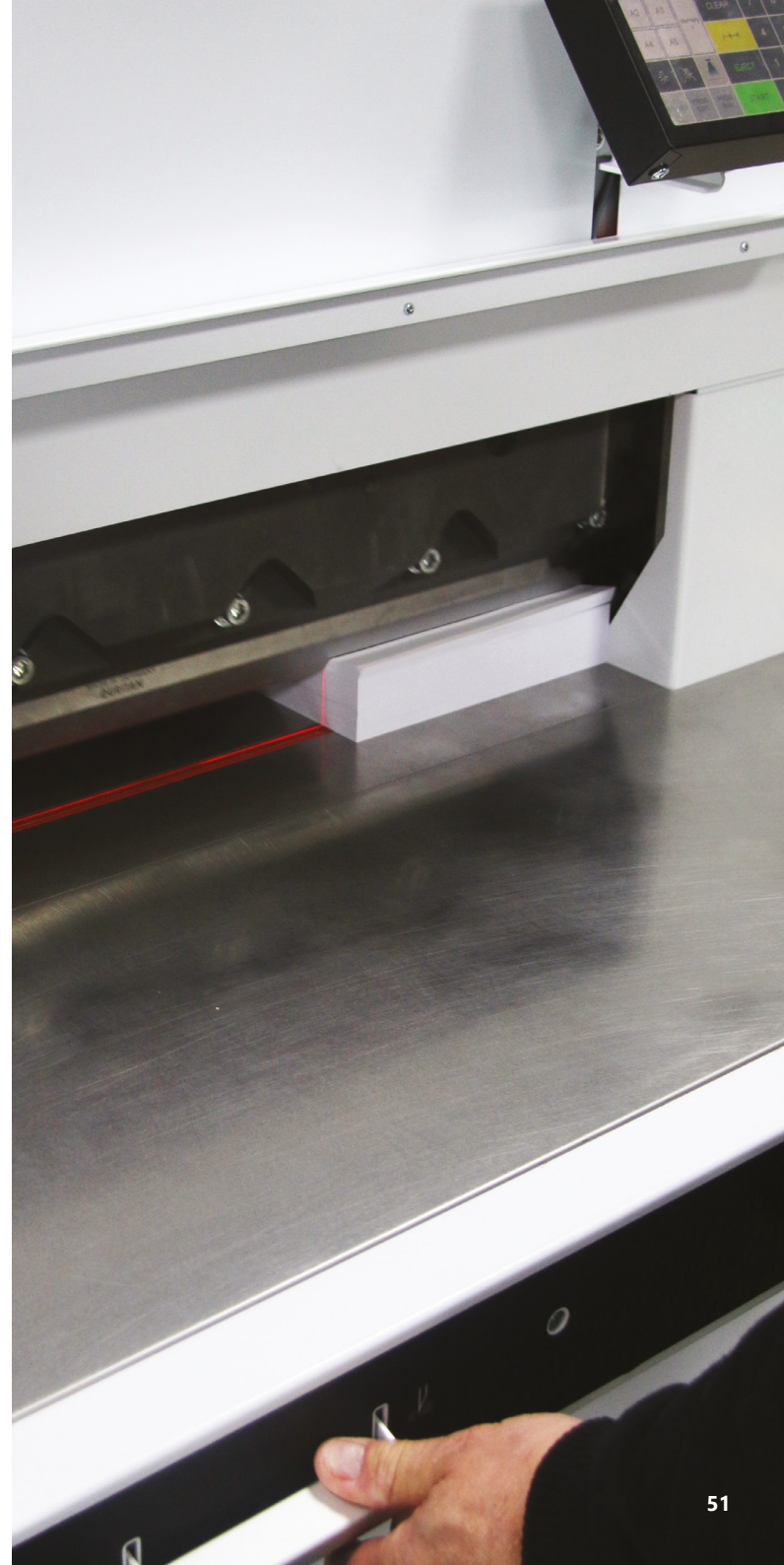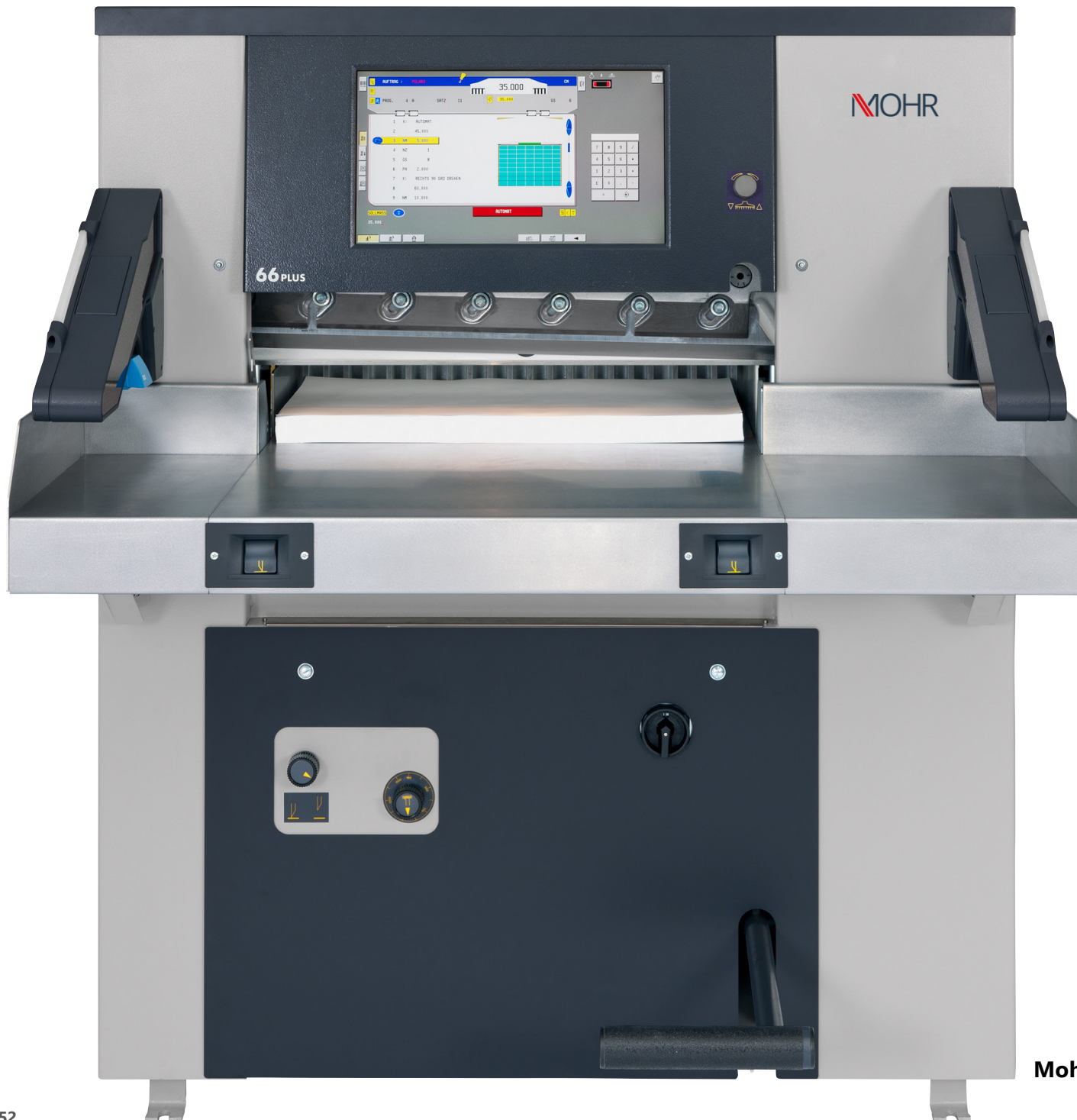
Mohr Guillotines

Designed for **precision** and cutting **accuracy**

Mohr Guillotines

Mohr Guillotines offer precise cutting of sheets sizes up to 66cm and 80cm. Every size is available as the net-workable variant - The Mohr Plus range.

The Mohr Plus range of guillotines are operated via an ergonomically arranged 18.5" colour touch-sensitive display. Repeat sequences can be saved and adapted at any time, the 'Plus' range has 1,998 memory positions available.

In optional digital workflow integrations, Compucut® takes the cutting data supplied as PPF or IDF files direct from the pre-press stage. Compucut® generates the cutting program automatically. To start the cutting program automatically, the machine is equipped with a bar-code reader. This allows set-up times to be reduced to almost zero.

Mohr 66 Plus

Mohr Guillotines Plus

Mohr PLUS key features

- Low-profile keyboard with easy-to-understand symbols
- Menu-driven knife change
- Programming during cutting
- Block programming available
- Format tables
- 1,998 Program memory positions
- Program information with plain text
- Option of digital workflow integration
- Process visualization for a graphic indication of material handling
- Production report for acquiring the machine performance data
- Cutting cycle shown with symbols
- Programmable jogging mark
- Clamping time before cutting
- Programmable ejector
- Copy program / Protect program
- Lubrication interval signal

The machine is operated via an ergonomically arranged 18.5" touchsensitive display. Repeat sequences can be saved and adapted at anytime. To do so, the system has 1,998 memory positions available.

Repeat sequences can be saved in one of 198 available memory positions can even be adapted at any time. The cutting programs are either generated manually or menu-driven via the intuitive block programming method

Compucut® GO

For digital workflow integration, the following options are available:

- Compucut® takes the cutting data supplied as ppf or jdf files direct from the pre-press stage Compucut® generates the cutting program automatically.
- A barcode reader enables the machine to start the cutting program automatically. This allows setup times to be reduced

Process visualization gives the operator a graphic indication of the material handling. This reduces the likelihood of operating errors.

POLAR Compucut® GO is a simple automation solution in the field of cutting. It automatically converts the digital sheet layout into a cutting program which is then transferred to a POLAR cutting machine. This eliminates the programming time spent at the guillotine type cutter.

Compucut® GO epitomizes "Plug and Cut".

POLAR Compucut® is the state-of-the-art software for setting up cutting programs. This software benefits from POLAR's enormous cutting know-how and experience gained over more than 25 years.
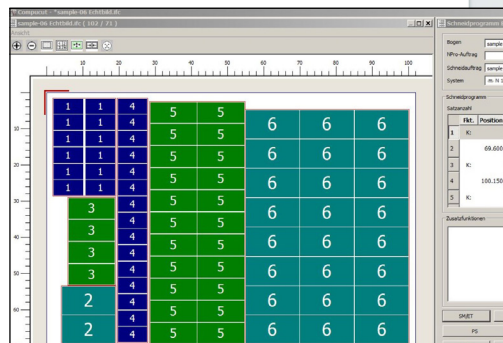
Reflex Mailing Systems

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

Reflex Mailing Systems

Enclosure Feeders (6)
- No thickness or length adjustment
- Feeds virtually any substrate
- Expandable to 12 feeders (opt.)
- Bar Scanning for document integrity (opt.)

Material Bypass (Divert)
- Sets with feeder errors
- Can by programmed in barcode for late pull or QA piece

User Interface
- Simple and intuitive
- Unlimited job storage
- Easy job programming
- Extensive diagnostics

Vertical envelope feeder
- Automatic thickness settings
- Easy material loading
- Increased flexibility to run a wider variety of envelopes

Booklet Feeder (opt.)
- "No Skill Required" setup
- From single sheet of 80gsm up to 8mm thick documents (industry leading)

Second Tower Interface (opt.)
- Automatic size adjustments
- Provides connection to input channel or second tower
- Accumulates sub-sets to 12mm

Compiler
- Automated adjustments
- Up to 10 sheets
- Side & End tamping for high quality folding
- Non-marking supports all color print technologies

Automated Folder
- Automated fold settings
- 3 plate buckle folder
- Slides out for easy access
- UI has fold wizard

Sub-set Accumulation
- Automated size adjustments
- Accumulates sub-sets to 12mm
- Accumulates flats to 90 pages
- Manual loading station

Inserting module
- Automated size adjustments
- Letter to flats - DL to B4
- 12mm filling thickness
- Programmable sealing levels
- Automatically adjusts speed

PLOCKMATIC
International AB

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Stockholm
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BK275436

order no

Truck

y of delivery

EX WORKS

Delivery terms

Shipping date

YYYY-MM-

our VAT no

Customer

Our reference
Donald Duck

Product description
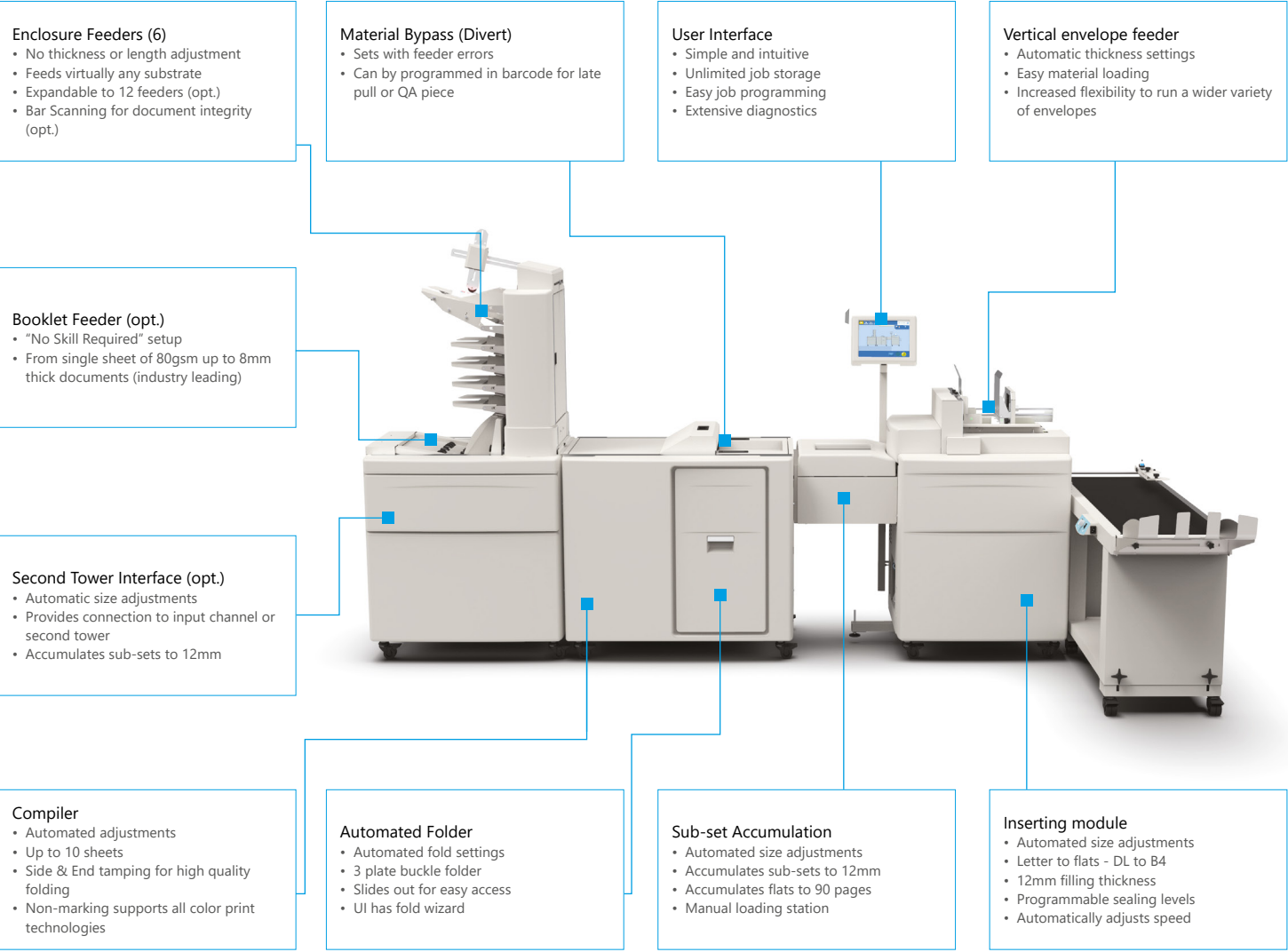
Morgana Band-it P30 & P50

Ensure all of your documents are **stored** and **shipped** neatly

Band-it P30   **Band-it P50 with stand**

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 and P50 make the operation fast and effortless for the user with speeds of up to 20 Cycles per/min.

Key features

- Speed: 18-20 cycles/min
- Strapping capacity:

    Band-it P30   Up to 300 x 200mm

    Band-it P50   Up to 500 x 300mm

- Tape length 150m (optional stand for tapes up to 600m)
- Easy to use operation
- Automatic temperature control
- Three position tension control for light to heavy products

Using the Morgana Band-it 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 what weight of stock and tension required.

ATD30 Auto Tape Dispenser

Make assembly *easier*, *automatic* and not so sticky!

Quick, simple, no fuss or mess design. Delivers rapid square cut tape at your chosen length, so no wastage or miss-cut tape!

Performance and great results

The ColorCut ATD30 Auto Tape Dispenser features automatic cutting of double-sided tape and a range of other tape types for packaging, assembly and many other uses.

ColorCut ATD30 can auto-cut lengths of adhesive tape from 5mm to 999mm!

Set the length and quantity required.

Accepts rolls from 6mm up to 30mm wide
Tape roll inner diameter: 22mm 28mm 74mm
Tape roll outer diameter: 160mm
Max tape thickness: 0.5mm

Dimensions (boxed): W 18cm x D 26cm x H 19cm
Dimensions (unboxed): W 13.7cm x D 23cm x H 15.2cm

Weight (boxed): 2.75kg
Weight (unboxed): 2.5kg

Power: AC220v/50Hz

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.

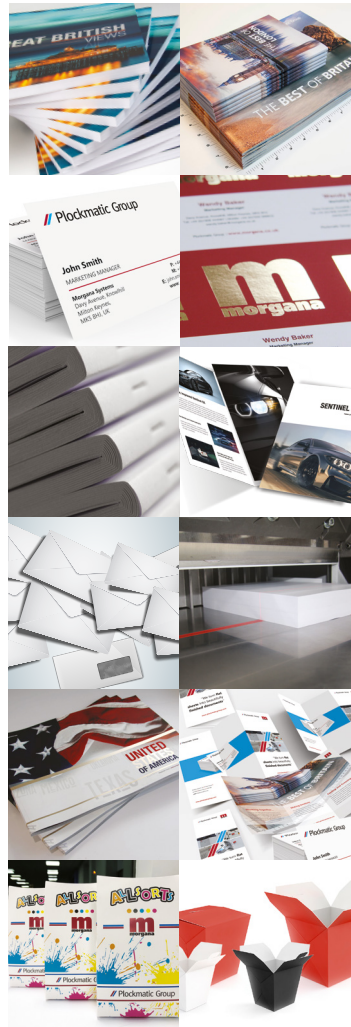Plockmatic can also take care of sharpening knives.

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.

Application matrix

Solution	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	Punching and wire binding	Business card, postcards	Cutting, creasing & perforating	Laminated and foiled documents	Labels, packaging solutions	Die cutting	Mail inserting	Coating	Banding
BM4000e Booklet maker	X	X	X	X															
BM5000 Booklet maker	X	X	X	X															
PowerSquare™ 7000	X	X	X																
DigiFold Pro XL					X	X	X	X											
Ultra range					X	X	X						X						
DocuFold Pro, Junior DT-M / DT-A folders							X												
AutoCreaser Pro range						X		X											
SFT SquareFold trimmer	X	X	X						X										
AutoCut Pro, Uchida AeroCut X / X Pro						X						X	X		X				
DigiBook PUR / DigiBook Pro PO binders	X	X	X							X									
Renz punching and binding systems	X	X	X								X							X	
Digicoater Pro 400												X						X	
Laminator 400 / 450 Pro, ColorFlare CF400 / CF2000 / CF2500 Pro														X	X				
RDC / AeroDieCut die cutters													X		X	X			
ColorCut label cutters LC330 / LC700 / LCF500 / LCF520															X	X			
ColorCut SC6500, SC7000 Pro⁻ᵀ / SC7100 Pro⁻ᵀ XL/ SC7800 Pro⁻ᴿˢ XL					X			X					X		X	X			
ColorCut FB580 / FB780⁻ᵀ / FB9500 / FB1190⁻ᵀ flatbeds					X			X					X		X	X			
Summa/valiani flatbed cutter range					X		X						X		X	X			
Mailing Systems / Pitney Bowes Relay range																	X		
Morgana Band-it																			X

The complete product line-up

Morgana Systems has led the way in developing new and innovative solutions to cope with the special requirements of the digital printer. Whether you need to produce booklets with our comprehensive range of booklet makers, or bind documents with our DigiBook PUR binders to produce perfect bound books...or simply just fold, cut or crease - *we have a solution for all digital applications.*

BOOKLET MAKERS	COATING MACHINES	CREASING MACHINES
CUTTER/CREASER/ SLITTER	DIGITAL & ROTARY DIE CUTTERS	FEEDERS AND COLLATORS
FLATBED CUTTERS	FOLDING MACHINES	GUILLOTINES
LAMINATORS AND FOILERS	MAIL INSERTING SYSTEMS	PAPER COUNTING MACHINE
PAPER DRILLING	PUNCHING & WIRE BINDING	PUR BINDERS
ROLL-TO- ROLL LABEL CUTTERS	SADDLE STITCHERS	SHREDDERS
STACKING & JOGGERS	STRAPPING MACHINES	THERMAL BINDERS

Plockmatic Group

morgana

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