Plockmatic Group

Product Information | UK

www.plockmaticgroup.com

Plockmatic Group

NovaBind™ 300
Hot Melt Binder

DigiFold Pro XL
Multiple creasing and folding

PowerSquare™ 7000
Booklet maker

ColorFlare CF2500 Pro
Automatic feeding laminator/foiler

Morgana BM4000e Series
Booklet making system

Autocreaser Pro XL
Creasing machine

ColorCut® FB1190-T
Flatbed cutter with tangential tools

ColorCut® SC7800 Pro-RS XL
Digital die cutter

ColorCut® FB9550
Automated digital die cutter

Renz AP 360 Digital

Auto-punch machine

Morgana BM5100 Series

Booklet making system

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Morgana BM4035e/BM4050e Series

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

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

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

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

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

Unmatched speed and productivity

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

Deliver high quality applications

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

*Approximate figures, based on 2 sheet booklets

+Based on 80gsm stock

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 BM5135/BM5150 Series

A new kind of Booklet Maker that can produce **landscape format books,** 2-up and more. The BM5150S, with optional **4 stitching** heads means **higher productivity and efficiency**

Morgana BM5135 and BM5150

The BM5100 Series is a second-generation booklet maker, building on the proven first-generation platform with improved performance, stability and reliability. A new standard anti-static device enhances feeding in static-prone environments, while the latest-generation user interface delivers a simpler, more intuitive operator experience.

Mechanical and software enhancements, informed by customer feedback, help reduce downtime and provide more consistent operation without adding unnecessary complexity or significantly increasing costs.

Compatibility with the new VFX+ vacuum feeder further enhances flexibility, allowing the BM5100 Series to be configured to meet individual production requirements.

Morgana BM5135/BM5150 BM5135S/5150S

The booklet maker is available in multiple versions to meet your exact requirement. The BM5150 and BM5135 feature two maintenance-free **staple** heads, and the BM5135S and BM5150S come with two or four **stitching** heads. These systems are engineered for mid-to-high volume customers with features exclusive to this class.

The BM5100 series delivers new applications, for example A4 landscape books, by processing sheets up to 620mm long. The BM5135S/5150S, 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 3,500 sheets. Feeding has never been so easy and reliable!

Morgana BM5135/BM5150 Series

FM5100 Finishing module : FM5100 includes the face trimmer and SquareFold assembly in one required unit. The combined unit optimises floor space and will support the larger book formats.

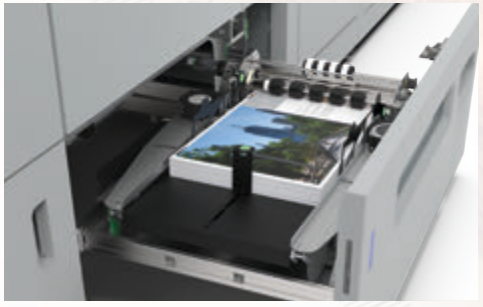
CST Crease side trimmer module (Optional): the crease and side trim unit produces professional looking, full bleed trimmed and creased booklets in a cost-effective, compact module. *(Must be used in conjunction with a feeder)*

ST5000/Side trimming module (Optional): The ST5000 is a high end 2-knife 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 BM5135 or BM5150 come equipped with 2 easy change, low-maintenance, heavy duty staple cartridges.

Stitching: The BM5135S or BM5150S 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

BM5135 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.

Key features

- Up to 3500 sheet capacity High-Capacity Vacuum Feeder *(for the single unit configuration)*
- Additional capacity of up to 640 sheets with the third air assisted, friction-fed pick point
- Utilizes latest technologies from Plockmatic Group vacuum and air assisted, friction-fed technology
- Adaptive Fan Control automatically adjusts air flow for varying media sizes and weights
- Advanced double sheet detection with ultrasonic sensors
- Two or three tray configuration allows for loading paper during jobs and uninterrupted production
- Enhanced performance on thin media
- Enhanced performance on difficult curled media
- Enhanced performance on special media (transparent media, tabbed media)
- Stable performance in high humidity environments
- Stable performance in high static environments
- Significantly improved overall general feeding reliability
- Automatic sheet size detection
- Improved usability
- Widened paper support
- 100% guaranteed set control with use of barcode technology

Morgana VFX+ Vacuum feeder

High capacity **vacuum feeder**

Morgana VFX+

The Morgana VFX+ is Plockmatic Group's next-generation vacuum feeding platform, designed to deliver improved productivity, flexibility, and ease of use. Building on the proven VFX feeder, it supports a wider range of media sizes and performs reliably in demanding environments, including high-humidity and high-static conditions.

Suitable for light to mid-volume production, the VFX+ can be configured for varied workflow requirements. Enhanced feeding technology improves mixed-media handling, while support for speciality substrates such as transparent sheets and tabbed paper expands application possibilities.

Automatic paper size detection uses integrated sensor arrays within the vacuum trays to identify media on loading, simplifying setup and reducing operator input. Combined with intuitive controls, improved jam clearance, and reduced setup times, the VFX+ delivers efficient, reliable, and user-friendly operation.

Overall, it provides a stable, automated feeding solution designed for seamless integration with modern finishing systems.

Automatic Tray Switching

Maximum productivity for longer jobs is achieved through Automatic Tray Switching, which enables long unattended runs and the loading of empty trays during a run.

Adaptive Feed Settings

The VFX+ is equipped with a highly automated vacuum feed technology specifically designed to handle the widest range of pre-printed media.

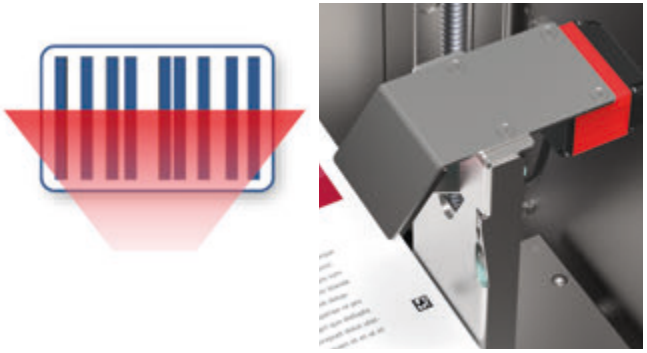
Thin and curled media

The VFX+ is equipped with completely redesigned geometry in the vacuum feed area to improve performance on thinner media. Curled media is a challenge for any feeding system. The VFX+ has an enhancing feeding performance, specifically designed to handle media that has curled.

Morgana VFX+ Vacuum feeder

Barcode Reading Technology

Morgana's Barcode Reading (BCR) technology uses a high-resolution camera system to read both 1D and 2D barcodes with exceptional accuracy. Unlike traditional barcode scanners, the camera-based system can capture and process greater amounts of data, improving reliability and workflow automation.



BCR is ideal for variable data booklet production, where content and page counts may differ from one booklet to the next. It also ensures complete set integrity, making it particularly valuable for applications such as insurance documents, financial statements, and personalised communications.

By integrating BCR technology into a Morgana booklet-making system, users can benefit from:

- Personalised document production using variable data 100% set integrity verification
- Greater production control and workflow automation

The result is a more efficient, accurate, and secure booklet production process.

VFX+ – *Single tray configuration*

The single-tray configuration provides a cost-effective entry-level solution while retaining the proven performance of the VFX+ platform. The vacuum feed tray holds up to 1,750 sheets of 80gsm paper and supports the full range of media sizes, delivering reliable feeding and efficient production.

VFX+ – *Two-tray configuration*

The dual-tray system supports uninterrupted production by allowing one tray to be reloaded while the other is running. Each tray holds up to 1,750 sheets of 80gsm paper, providing a total capacity of 3,500 sheets.

Two independent pick points make it ideal for booklet production, where covers and content often require different media types and weights.

Multi-Purpose Tray *(MPT)*

The Multi-Purpose Tray (MPT) adds a second or third feeding station to the VFX+, increasing flexibility and media capacity. It can be used as a dedicated cover feeder for booklet production or to add up to 640 sheets of 80gsm capacity.

Its air-assisted friction-feed system reliably handles coated and uncoated stocks up to 450gsm, ensuring consistent performance across a wide range of applications.

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

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 AC510 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 SquareFold Trimmer

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.

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.

AeroFold Plus

High Speed suction fed paper folder. **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** adjustment

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 S

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

The Morgana AutoCreaser S is a new affordable addition to Morgana range of highspeed creasers, handling format up to 330 x 900mm (13 x 35"). With its compact size, crease-depth adjustment feature "on-the-fly", intuitive SmartScreen controls of all main functions together with cost-competitive options such as combined cross- & inline-perforation kit, the AutoCreaser S truly throws punches well above its weight.

The AutoCreaser S is ideally suited for a wide array of short-run jobs facing a service provider in any print finishing environment. Paired with the market-leading Morgana support and service offering, the feature-packed, intuitive and efficient finishing solution that is the AutoCreaser S is bound to impress.

Morgana AutoCreaser S

Techincal Specification AutoCreaser S

Feed system:	Top feed vacuum belt & lead-edge Air separation
Feeder stack capacity:	100mm
Speed:	3000/4000/5000 SPH SEF 1-crease A4
Max paper size:	330mm x 700mm (w x l)
Min/Max paper weight:	100gsm/350gsm
Max # of creases per sheet:	x32
Options (additional cost):	Cabinet/Stand; Cross Perf Blade; Narrow Crease Blade (0.75mm); Tray Extension Kit (for media up to 900mm)
Electrical requirements:	100-240 VAC; 5-2.5A; 50-60Hz (1-phase)
Footprint inc. table extension:	d560 x h590 (excl. cabinet) x l1650mm
Weight:	Machine: 83kg Cabinet/Stand: 19kg

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:	385 x 700mm*
	*385 x 1300mm with extension table
Min paper size W x L:	93 x 210mm

Morgana DigiFold Pro XL

Morgana DigiFold Pro XL

Developed from the well proven Morgana DigiFold Pro, the Pro XL is built with our unique, open design, suction feeder that handles stock sizes from 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:	385 x 700mm*
	*385 x 1300mm with extension table
Min paper size W x L:	93 x 210mm

Morgana Digifold Pro XL

Morgana DigiFold Ultra

Morgana Digifold Ultra

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 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

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 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.

Morgana AstraCut™ 100 and 300

Automated **slitting**, **cutting**, **creasing** & **perforating** in **one pass**

AstraCut™ 100/300

The Morgana AstraCut™ Series represents the latest generation of automated multi-finishing systems from Plockmatic Group, developed specifically for digital print providers seeking professional-quality finished products with minimal operator intervention. Combining slitting, cutting, creasing and perforating within a single compact platform, the AstraCut™ range streamlines production by transforming printed sheets into finished applications in one efficient process.

Designed around Plockmatic Group's core principles of automation, productivity and ease of use, the AstraCut™ 100 and AstraCut™ 300 deliver fast setup, rapid job changeovers and consistent results across a wide range of applications. Intelligent automation, automated tool positioning and pre-programmed templates reduce manual setup and enable operators of all experience levels to produce professional finished work with confidence.

Ideal for business cards, postcards, greeting cards, brochures, book covers, tickets, vouchers, table tents and other value-added print products, the AstraCut™ Series provides accurate full-bleed finishing and exceptional production flexibility.

With its intuitive touchscreen interface, compact footprint and low cost of ownership, the AstraCut™ range offers a powerful and cost-effective alternative to traditional finishing systems, delivering the performance, reliability and finishing quality demanded by modern digital print environments.

AstraCut™ Key Benefits

- Automated slit, cut, crease and perforate production in a single pass
- Professional full-bleed finishing for a wide range of applications
- Fast setup and job changeover through intelligent automation
- Intuitive touchscreen operation with minimal training required
- Automated tool positioning and application templates
- Compact footprint for space-conscious production environments
- Consistent, high-quality results with reduced operator intervention
- Cost-effective solution for short-run and on-demand print production

AVAILABLE Q1 2027
SPECIFICATION SUBJECT TO CHANGE THROUGH FURTHER DEVELOPMENT

Morgana AstraCut™ 100

Morgana AstraCut™ 300

AeroCut Nano Max

Designed to **maximize** your business card **productivity**

AeroCut Nano Max

UCHIDA AeroCut Nano Max is the high quality, entry-model card cutter that can turn prints into various sizes of cards in one pass. The AeroCut Nano Max is capable of taking paper stock up to 330(W) x 488(L)mm in size, and up to 400gsm in weight. The Nano can produce 500 business cards in less than 3 minutes, really enhancing productivity.

The AeroCut Nano Max is equipped with a patented air suction feeding mechanism, that allows reliable and consistent paper feed, ensuring accurate finishing every time.

The AeroCut Nano Max, the best of all card cutters.

AeroCut Nano Max specifications

Basic functions	Auto-feed, Slit & Cross cut
Infeed paper size	210(w) x 210(l) to 330(w) x 488(l)mm
Stock weight range	120 - 400gsm
Speed	177 full-bleed business cards/min. (21-up cards on a SRA3 sheet)
Dimensions	766(w) x 653(d) x 1012(h)mm
Footprint	1355(w) x 653(d) x 1229(h)mm
Net Weight	96kg

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

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.

AeroDieCut

The *revolutionary* **die cutter** that **cuts**, **creases**, **embosses**, **debosses** and **strips waste** in **one pass**

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.

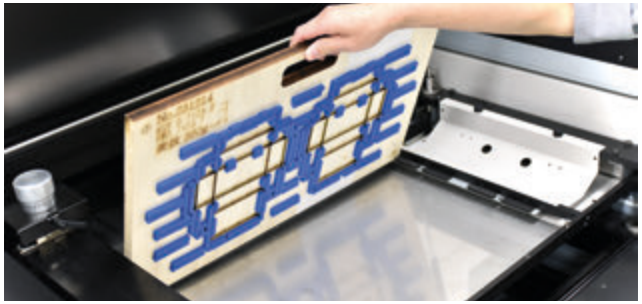
Safe, intuitive and compact

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 RDC - Rotary Die Cutter

The ideal solution for your high volume **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.

Morgana NovaBind™ 100

Morgana NovaBind™ 300

Morgana NovaBind™ 100

Entry level **Perfect Bind** solution for **short to medium** job run lengths of **bound books**

The Morgana NovaBind™ 100 is a feature-rich perfect binder designed for short- to medium-run production. Its small footprint, ease of use, and competitive price make it an ideal entry-level binding solution.

Supporting 1-60mm books and large-format landscape applications, it delivers quality with consistency. Featuring integrated milling-dust extraction, 2-tank system with separate heating, 2-roll set-up with side-gluing & heated reverse spinner, patented trolley clamp support and advanced safety systems for efficient, reliable operation

The NovaBind™ 100 combines quality, productivity, and value in a compact, user-friendly package.

Morgana NovaBind™ 300

The Morgana NovaBind™ 300 is a Perfect Bind best-in-class contender with high-level features, specifications and capabilities. Designed with intuitive ease-of-use and operator safety in mind for busy print environments, it combines premium features with exceptional value.

Delivering professional-quality results with high levels of automation, including smooth vacuum assisted cover feeding with intelligent spine and hinge crease auto-adjustment, all to minimise setup time and maximise productivity.

The intuitive 10" touchscreen provides direct control of all binding functions and settings such as book-block auto-thickness measurement & offset position, glue thickness, square-back, nip-time and nip-pressure. Features including side-gluing, auto-set reverse spinner roller, integrated dust extraction, and advanced safety systems all to ensure reliable and consistent operations.

The NovaBind™ 300 offers outstanding efficiency, automation, and binding quality in a compact, cost-effective solution second to none in its class.

Features NB100 & NB300 *(exclusive to NB300 marked with *****)*

- 1-Clamp; Double Guide Rail; *****Linear Double Guide Rail
- Book Block thickness 1-60mm
- Designed for PO glue and supports EVA glue
- Two-hand Safety Controls & Primary Power EMO
- 7" UI Smart-Screen; *****10" UI Smart-Screen
- Open 2-Tank; Multi-element-heated with Melt-fuse Safety Technology; 2-Roll set-up + Reverse Spinner-roll
- 18-Teeth Mill & Notch w Safety Auto-brake
- 1Cyclone paper dust extraction

- ***** 24-Teeth Mill & Notch w Safety Auto-brake
- ***** Top Hatch Safety with Interlock incl. Fume Evacuation Fan
- ***** Vacuum/Air assisted Cover Feed; Auto adjusting Spine/ Hinge Roll-Crease
- ***** UI controlled nip time; nip pressure; nip offset; nip on/off; mill on/off; glue temperature; block/cover offset; Tri-flex cover/spine registration
- ***** Detachable side-stand on casters with with tiltable storage station for effective cooling of books

Morgana NovaBind™ 1000

Perfect binding solution for **short to medium** job run lengths of **bound books**

The Morgana NovaBind™ 1000 is a professional perfect binder for short-run digital and commercial print production. Its patented closed tank gluing system applies spine and side glue with precision, delivering strong, consistent binding quality. Capable of processing book blocks using either PO hotmelt adhesive as well as PUR adhesive

The intuitive touchscreen interface enables fast setup and simple operation, while the sealed glue application system provides odour-free performance without extraction requirements.

Independent temperature controls optimise glue life and performance, and automatic cleaning and sealing reduce waste and downtime.

Combining high-quality PO or PUR binding, ease of use, and efficient production, the NovaBind™ 1000 PUR is an ideal solution for professional book manufacturing.

Morgana NovaBind™ 1000

	NovaBind™ 100	**NovaBind™ 300**	**NovaBind™ 1000**
Speed: ~	140 Books per hour	220 Books per hour	200 Books per hour
Book size (LoS*) l x w max.:	425 x 450mm	340 x 320mm	380 x 350mm
Book size (LoS*) l x w min.:	70 x 120mm	70 x 120mm	120 x 220mm
Cover size (LoS*) l x w max.:	425 x 1000mm	340 x 660mm	380 x 1000mm
Cover size (LoS*) l x w min.:	100 x 250mm	210 x 300mm (Auto-feed); 100 x 300mm (Man.)	120 x 262mm
Cover Weight:	120 - 400gsm	120 - 300gsm (Auto-feed); -400gsm (Man.)	400gsm (Max.)
Manual Controls:	Cover Position; Spine Glue-thickness; Nip-Offset	Cover Spine Crease Depth controls; Cover Sheet Skew controls; Nip Station Horizontal Balance controls: Cover Sheet Back-stop controls; Trail-Edge glue cut-off control	UI controlled nip time; nip pressure; nip offset; nip on/off; mill on/off; glue temperature; block/cover offset
			Fully Automatic
Dimensions (h/w/d):	1250 x 1550 x 650mm	1265/1420 x 1960 x 800mm	1200 x 1800 x 800mm
Weight:	280kg	420kg	250kg
Power requirements:	10A 220-240V 50/60Hz (1-phase)	10A 220-240V 50/60Hz (1-phase). (Air Compressor not included)	10A 220-240V 50/60Hz (1-phase). (Air Compressor not included)
Auto setup from Book Block caliper:	No	No	Yes

*LoS=Length of Spine

NovaBind™ 4500 PUR Binder

Create unique and stunning **70 x 45cm landscape books** with the **NovaBind™ 4500**

The NovaBind™ 4500 opens the door to high value, large format book production, complimenting the rise of the long sheet digital production engines. Now you can offer your customers books with a finished size of up to 70 x 45cm landscape. Applications such as catalogues, photobooks can all be produced more economically and easily than ever before.

The NovaBind™ 4500 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 NovaBind™ 4500 is equipped with retractable milling systems, allowing for the production of sewn/folded book sections.

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

Technical Specifications

Speed	Up to 450 books per hour
Number of clamps	1
Touch screen	Yes
Spine length:	Max 450mm / Min 100mm
Book block height:	Max 325mm / Min 120mm
Book/spine thickness	2 – 50mm
Cover dimension max	700mm x 450mm
Cover dimension min	242mm x 120mm
Electrical Requirements	16amp, 3 phase, + E + N, 400v 50/60hz
Maximum cover weight	400gsm
Dimensions L x W x H	2585 x 2090 x 1370mm
Product Weight	850kg
Shipping Weight	1155kg

EvaBind Plus

Perfect binding has never been **so easy**

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.

Technical Specifications

Maximum book size	320 x 220mm
Book thickness	2-50mm
Cover size	330mm x 480mm
Warm up time	50-60mins
Books per hour	Up to 240
Binding system	Hot melt (EVA)
Display	LCD
Glue application system	2 application rollers, 1 scrapper roller, side glueing rollers
Dimensions L x W x H	1440 x 510 x 1070mm
Weight	255kgs (net)
Power requirement	240v 50/60hz

Note: the production speed varies according to material size

Features include

- Book or block binding
- Dedicated side glueing
- Adjustable press station
- LCD -Display
- Batch counter
- Air pump
- Fume exhauster
- Dust extractor
- Spine preparation slit (on/off)
- Programmable press time
- Up to 240 books per hour
- Cabinet

Summa/valiani flatbed cutters

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

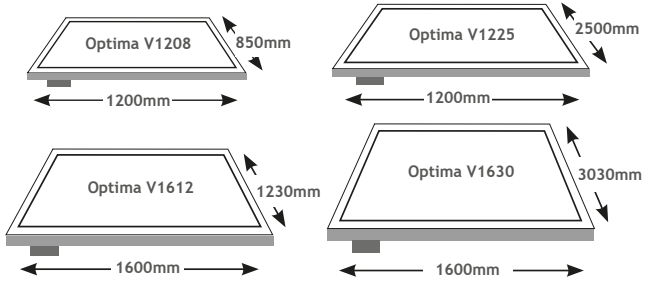
The Invicta

The Invicta series, is available in 3 table sizes.
The Invicta V0806 with a cutting area of 800 x 600mm, the Invicta V1015 with a cutting area of 1000 x 1500mm and the Invicta V1612 with a cutting area of 1600 x 1200mm. 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.



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

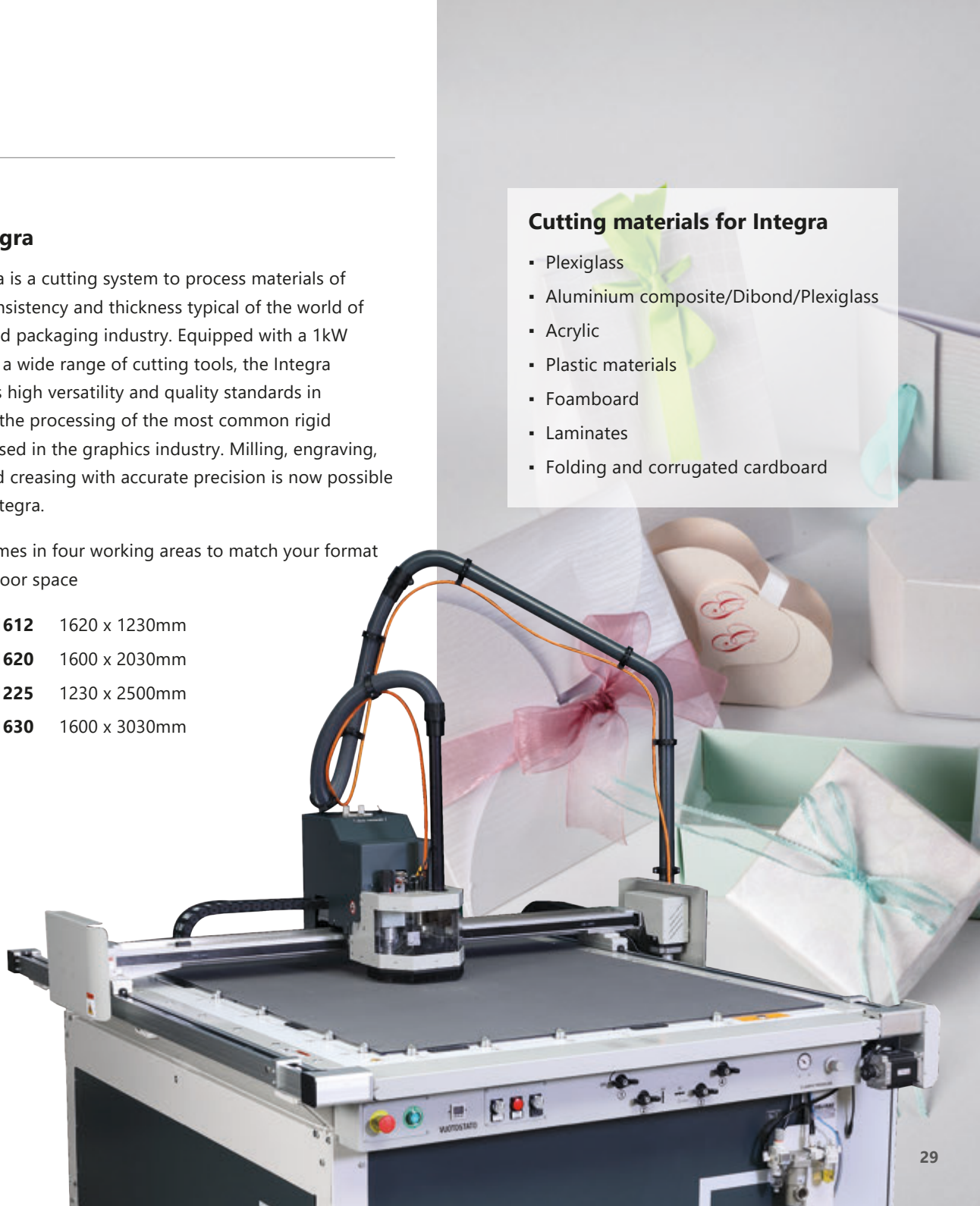
The Integra is a cutting system to process materials of greater consistency and thickness typical of the world of signage and packaging industry. Equipped with a 1kW router and a wide range of cutting tools, the Integra guarantees high versatility and quality standards in managing the processing of the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

Integra comes in four working areas to match your format and your floor space

Integra V1612	1620 x 1230mm
Integra V1620	1600 x 2030mm
Integra V1225	1230 x 2500mm
Integra V1630	1600 x 3030mm

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.

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

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

ColorCut LC700

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

ColorCut LC700

Fully automated for unattended production

The new ColorCut LCF700 '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.

Targeted for busy print departments, seeking complete unattended cutting production, the LC700 combines reliable label-sheet feeding with an instant job retrieval system – this enables effortless, yet precise, kiss cut label cutting at lightning-fast speeds.

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

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 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: (voltage specific)	220~240V AC, 50/60Hz, 350W, 3.4A

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

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 (11.81”)
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 (w,d,h):	1,720mm x 930mm x 1,330mm
Power supply: (voltage specific)	220~240V 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 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

ColorCut LCF840Di Pro Roll-to-Roll Label Cutter

High speed roll-to-roll label **cutter finisher**

The LCF840Di Pro is the flagship roll-to-roll cutter, built for uncompromising speed, precision, and quality. Featuring four digitally controlled cutting heads for simultaneous cutting, delivering up to 4× ultra-fast label production, with automated waste removal to keep workflows smooth and efficient.

At its core is an integrated IN-WEB CCD Camera inspection station, providing real-time quality control. The system feeds live data back to digitally adjust knife pressure and cutting depth across all four heads, ensuring flawless results every time.

With its digital web-tracking infeed table and dual rewind stations, the LCF840Di Pro offers ultimate flexibility in post-slitting roll handling—making it the ultimate solution for high-volume, high-accuracy label production.

ColorCut LCF840Di Pro

Morgana LCF840Di Pro specifications

Device Type:	Roll to roll label cutter finisher
Type of cut:	Half Cut (Kiss-cut) & Half Cut Perf
Technology:	Servo (cut) and ultrasonic (accumulator arms)
Control Center:	Integrated job controller-large 20" command center monitor
Cutting force:	750gf
Cutting force:	4
Maximum roll diameter:	350mm
Material web width:	Up to 330mm
Registration system:	1, 2 or 4 marks with or without QR code
Auto tracking technology:	Yes - roll position and deviation for accurate finishing
Test cut function:	Available
Slitting:	Up to 6 blade slitting - supplied
Lamination:	Inline lamination when required
Rewind mandrels	Two - matrix removal

ColorCut SC6500

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

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

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.

Optional ColorCut Pro Server Station

The ColorCut software seriously enhances productivity. Supplied complete with pre-installed Windows© PC and ColorCut Pro software suite, with a flat screen monitor, mouse and keyboard. Also includes software user licence for 2 additional seats.

ColorCut SC7100 Pro-T

ColorCut SC7100 Pro-T XL

*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 & SC7100 Pro-T XL

The **SC7100 Pro-T / Pro-T XL** combine **ultra-reliable feeding** with an **instant job retrieval** system, **high-speed cutting** and **tangential creasing wheel**

Auto fed sheet cutter/tangential creasers

Automatic sheet cutting and tangential creasing for lightweight card, packaging, P.O.S. materials, and kiss-cut sheet labels — all in a compact, mobile device.

The SC7100 Series features a tangential wheel creaser for producing smooth, well-defined creases in thicker media. It now includes a new universal mount tool system, allowing for quick and easy fitting of tangential tools, along with an enhanced range of optional creasing wheel types to suit a wider variety of applications.

Jobs can be run directly from a computer using the included ColorCut Pro 5 software, or loaded via USB and accessed through the large 7" touchscreen — enabling operation virtually anywhere a power outlet is available, with no other connections required.

Perfect for both cut-through and creasing of lightweight card up to 450 microns, as well as kiss-cutting sheet labels.

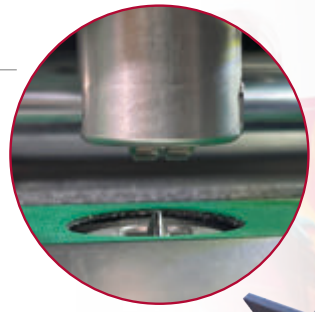
Go wide with the SC7100 Pro-T XL!

XL capability for B2+ printed stock.

	ColorCut SC7100 Pro-T	ColorCut SC7100 Pro-T XL
Max. media size	340 x 710mm	520 x 720mm
Effective contour cutting area	330 x 700mm	510 x 700mm
Max weight of stock	15kgs	30kgs
Weight (unpacked)	145kgs (inc. stand)	175kgs (inc. stand)
Machine dimensions	W 833 x D 882 x H 1256mm (with tray open) x D 1400mm	W 1013 x D 860 x H 1256mm (with tray open) D 1680mm
Common to both models		
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)	
Type of cut	Die-Cut (with tags), Half-Cut (Kiss-cut) & Perf	
Max speed	1060mm per second	
Power supply	100-240v 50/60Hz, 100w average (320w peak)	

ColorCut SC7800 Pro-RS & SC7800 Pro-RS XL

The **SC7800 Pro-RS** & **Pro-RS XL***(*up to **B2**) with **revolutionary tangential creasing tool**; Male and female elements create a **sharper more defined crease**



ColorCut SC7800 Pro-RS XL B2+ Auto feed sheet cutter/ tangential creaser

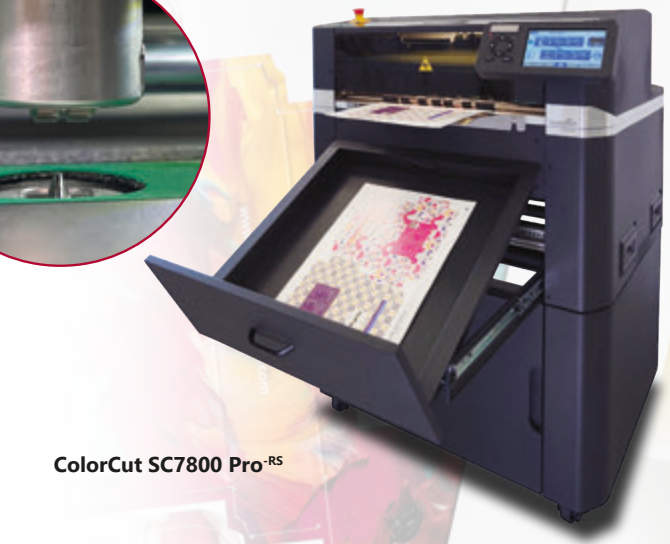
Applications: Folders, Packaging, P.O.S. and wallets – in a compact and mobile device.

The SC7800 Pro-RS XL Triple-tool Digital Die-Cutter, features a tangential wheel creaser (male) and a tangential wheel groove (female) tool – the ultimate digital die cutter ever to be designed! The third tool provides exceptional cutting via a contour drag knife for card, paper and synthetic media.

Run jobs from a computer, with the NEW and included ColorCut Pro 5 software, or from a USB, accessed via the large 7" touch screen, enabling the unit to be operated virtually anywhere there is a power outlet, with no other connections required!

Perfect for both cut-through & creasing of up to 450 microns.

	ColorCut SC7800 Pro-RS	ColorCut SC7800 Pro-RS XL
Max. media size	340 x 710mm	520 x 720mm
Effective contour cutting area	330 x 700mm	510 x 700mm
Max weight of stock	15kgs	30kgs
Weight (unpacked)	145kgs (inc. stand)	210kgs (inc. stand)
Machine dimensions	W 888 x D 791 x H 1250mm (with tray open) x D 1380mm	W 1050 x D 860 x H 1256mm (with tray open) D 1740mm
Common to both models		
Crease capability	Tangential wheel 2.5kgs (2,500gf) Max 450micron	
Auto-sheet capacity	90mm stacker height (Up to 850 sheets of 80gsm media for auto-sheet feed)	
Type of cut	Die-Cut (with tags), Half-Cut (Kiss-cut) & Perf	
Max speed	1060mm per second	
Power supply	100-240v 50/60Hz, 100w average (320w peak)	



ColorCut SC7800 Pro-RS

ColorCut SC7800 Pro-RS XL

*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 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 660 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.

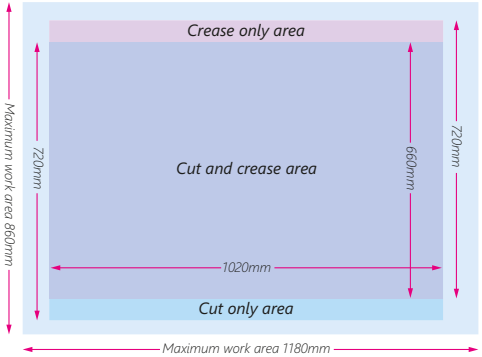


Diagram showing media, cutting and creasing areas with overlap common areas for both

ColorCut Flatbed Range

FB580

FB790-T

FB1190-T

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

FB790-T Specifications

Max. cutting area	545 x 730mm
Max. cutting depth	1000 micron
Max. media area	580 x 800mm
Max. cutting speed	1200mm per second
Machine dimensions	970 x 1080 x 1067mm

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

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

ColorCut FB9550 Pro-T

Automated, **high demand cutting** and **creasing** with exceptional **media control**

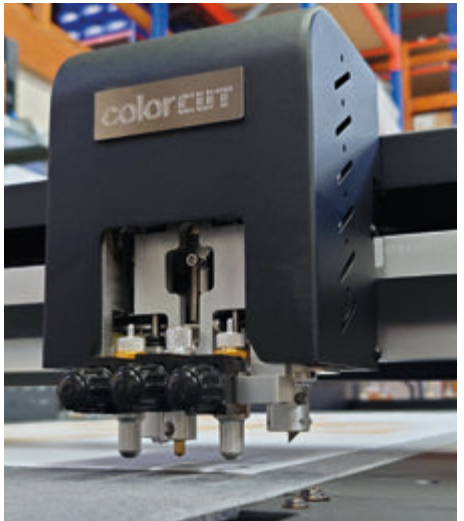
Creative, On-Demand Digital Finishing

The Morgana FB9550 Pro-T is a fully automated digital die-cutter with advanced tangential creasing, delivering fast, precise and versatile finishing. Its unique five-tool head handles applications from labels and packaging to point-of-sale displays, processing media from thin adhesive stocks up to 3mm thick.

Patented rear-mark scanning, QR-code workflow and SmartMark registration provide accurate, automated production with minimal operator intervention.

Key features

- Five-tool head with up to three simultaneous operations
- Cuts, creases, perforates, debosses and kiss-cuts in a single pass
- Up to 2.5kg cutting and creasing pressure
- Handles media from label stock to 3mm fluted board QR-code driven workflow for mixed and batch jobs
- SmartMark registration for precise cutting
- Patented rear-mark scanning for accurate back-side creasing
- High-capacity feeding for reliable unattended production
- Sheet pre-placement reduces feeding time and improves productivity
- ColorCut Pro 5 Production Studio software provides precise control of tool pressure, speed and cut type



ColorCut FB9550 Pro^{-T}

Reliable, High-Capacity Feeding

The FB9550 Pro^{-T} combines five feeding technologies to ensure reliable sheet separation and accurate positioning, even with challenging media. An adjustable suction arm, automatic air blade, separation fingers, feeder positioning and patent-pending reverse jog work together to minimise misfeeds, double feeds and sheet curl.

Flexible Five-Tool Operation

The 5-tool head uses a 2+2+1 configuration, combining tangential and passive tools to perform up to three operations simultaneously. This enables efficient production of labels, packaging, POS and applications using N, G, F and E fluted boards up to 3mm thick.

Tangential technology lifts, rotates and repositions the tool during operation, creating smoother, more defined creases—particularly on thicker media. ColorCut Pro 5 software provides individual control of pressure, speed and cutting parameters for precise, repeatable results.

FB9550 Pro^{-T} Specifications

Media sizes - Manual Placement	Max: 550 x 850mm (520 x 760mm processable area)
Media sizes - Auto Feeder	Max: 530 x 740mm (520 x 720mm processable area)
Media placement	Automatic sheet feeder or manual placement
Media hold-down method	2 zone vacuum bed (high speed 750W vacuum pump included as standard)
Registration system	High speed CCD Camera
Job recognition	Advanced QR code technology for instant file recognition and registration
Cutting Control	
Mountable tools	Tangential tools: Creasing Wheel with interchangeable wheels. Blade holder tool for 5mm blade. Perforation Wheel. Contour / Drag tools: Crease Ball tools. Blade holder tool for a selection of cutting blades
Force / Pressure	Tool 1 (Crease) up to 2,500gf (2.5kg). Tool 2 (Cut) up to 2,500gf (2.5kg). Tool 3 up to 1,300gf (1.3kg)
Recommended media	Paper/card up to 800micron. Max. depth: 3000micron thickness/types (low density substrate i.e., rice paper/softboard and 3mm EFGN fluted boards)
Speed - Three speed modes:	Fast mode 1,200mm/s; SD Standard mode 960mm/s; HD High quality mode 750mm/s
Creasing tools	Tangential wheel crease tool with magnetic assist - variable pressure up to 2.5kg. 5 widths profiles available for different media types. Passive ball creasing tools; narrow and wide. Also used for debossing.
Pen holder	Pen, plotting pen, also used for calibration sensor
Output tray	Adjustable for different sheet sizes, moveable media collection tray
Auto Sheet Feeder	
Maximum/Minimum media size	530 x 740mm / 197 x 285mm
Max. media weight/stack height	25kg or 210mm. 2,100 sheets (based on 80gsm).
Power requirements	Cutter 220 - 240V / 6.8A / 700W Vacuum pump 220 - 240V / 4.5A / 750W ASF Auto Sheet Feeder (supplied by cutter) Compressor 220 - 240V / 3.6A / 750W (supplied with cutter)
Dimensions	
Dimensions	3681.5mm x 1150mm x 1207mm W D H (including media catch tray)
Weight	368.5kg (including media catch tray)

Morgana ColorCut FB15000^{TO} PRO

Versatile **automated** flatbed with **tangential**, **V-Cut** and **Oscillating** technology

ColorCut FB15000^{TO} PRO

Unlock powerful new production capabilities with the ColorCut FB15000^{-TO} - the ultimate in flexibility. This advanced, digital cutting solution is ideal for producing labels, packaging, structural projects and point of sale items.

Combining B0 format handling with a 5-tool cutting head, it delivers exceptional versatility across a broad range of materials. Dual passive tools enable precision kiss-cutting and die-cutting of thin label stocks, while the adjustable V-Cut, high-speed oscillating tool, and tangential wheel system provide accurate creasing, cutting, and perforation for materials ranging from labels and folding box boards to foam board, corrugated card, and structural cardboard up to 10mm thick.

Morgana ColorCut FB15000^{TO} PRO

Intelligent **workflow automation** delivers **outstanding productivity** whilst **reducing manual intervention**

Enhanced by patented rear camera scanning for intelligent workflow control, the FB15000^{TO} can be configured as a powerful flatbed system or upgraded to a fully automated production solution*.

Key Features & Benefits

- **B0 cutting format (1500 x 1040 mm)** for large-format packaging, POS, signage and display production
- **Cuts materials up to 10 mm thick**, expanding application opportunities and revenue streams
- **Handles a wide range of substrates**, including paper, card, labels, corrugated board, foam board, ABS and KT board
- **Fully automated sheet feeding and collection** reduces manual intervention and increases productivity
- **High-capacity pallet feeder** allows direct loading via pallet truck or forklift for extended unattended operation
- **Advanced QR code workflow** automatically identifies jobs and retrieves the correct cutting files
- **Processes mixed-job batches automatically**, eliminating manual job selection and setup errors
- **Patented rear-scanning technology** enables accurate cutting and creasing from either side of the sheet
- **Prevents cracking on printed fluted boards** by allowing creasing from the reverse side
- **Triple-camera registration system** delivers exceptional accuracy on every sheet
- **Five-tool cutting head** provides maximum versatility across multiple applications and materials
- **Dual drag-cut tools** enable fast, precise kiss-cutting and die-cutting of labels and vinyl
- **Oscillating cutting tool** delivers clean, high-speed cutting of thick and demanding substrates
- **V-cutting capability** creates accurate folds and structural elements for packaging and display applications
- **Tangential creasing and perforating system** produces professional, crack-free creases and perforations
- **Integrated CCD vision system** automatically compensates for skew, rotation and scaling variations
- **Automatic laser tool calibration** ensures precise blade depth, improving accuracy while extending cutting mat life

ColorCut FB15000^{TO} PRO – A highly automated digital finishing solution that combines precision, productivity and versatility for packaging, labels, POS displays, signage and short-run production.

FB15000TO PRO Specifications

Format size	B0 (4 x SRA3)/ 8 x SRA4)
Max media size	Manual: 1500mm x 1040mm
Auto-Feed	1200mm x 900mm
Max Effective contour	1290mm x 1000mm cutting area
Minimum Media Size	Manual: >180mm x 180mm AutoFeed: W: 420mm x L: 500mm
AutoFeeder Capacity	Palette Loading capability, with Palette (Supplied) 700mm Stack
Cutting Head	5 Tool Cutting Head, enabling Osciallating tools, Active Tangential Tools, and Passive tools based on tool position.
Mountable tools	5
Supplied Tools	9
Maximum Speed	1,500mm/s (depending on material and mode)
Max. cutting depth	Passive tools: up to 350micron Tangential Tools: up to 6 mm V-Cut: 6mm Oscillating: up to 10mm
Cutting force	Passive tools 1 & 2: 760gf Tangential Tools (0.7Mpa) 8Kg Oscillating Tool: (0.5Mpa) - 5Kg pressure, up to 16,000 rpm, 1mm amplitude
Depth Calibration	Auto Laser Calibration for Pinpoint accuracy*
Dimensions and weight	(L x D x H)
Flatbed cutter	2425 x 1940 x 1315mm 730kg
Feeder	1410 x 1700 x1420mm 785kg
Media Collection Tray	1256 x 1096 x 800mm 56kg

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**

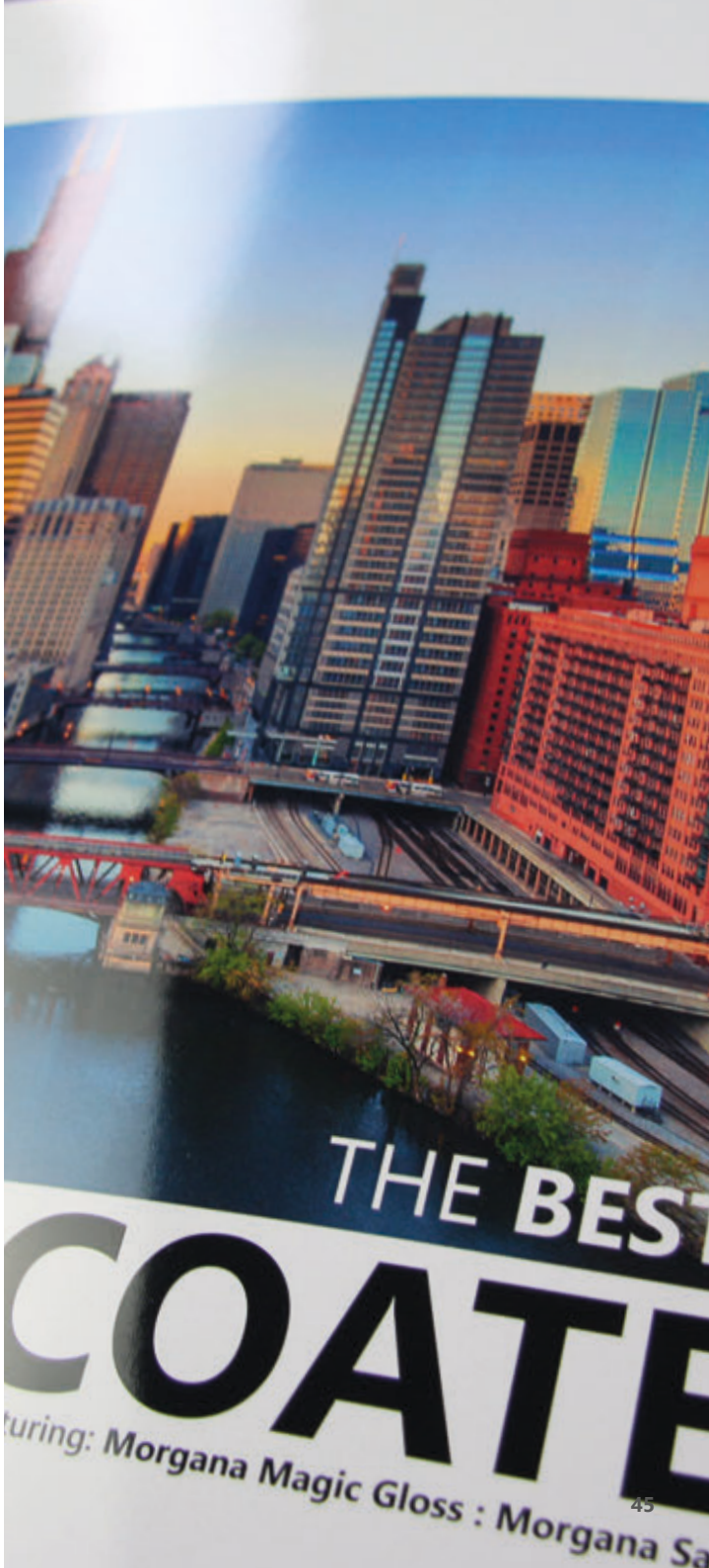
DigiCoater Pro 400 with VFX Feeder

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.

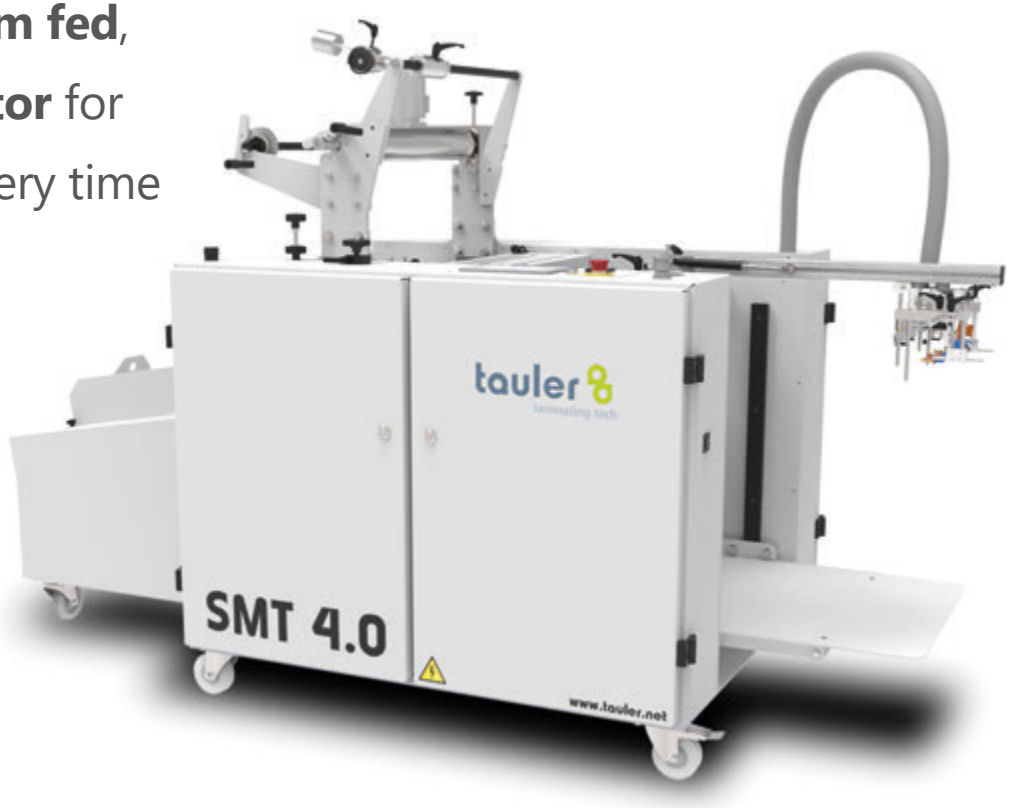
Lowest cost per page in the industry with varnish consumption as low as 2-4 gram/m^2 dependant on stock to be coated

- 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



Laminator SMT 4.0

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



Automatic - Laminator SMT 4.0

The Laminator SMT 4.0 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.

ColorFlare 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: 330 x 1200mm Min: 110 x 150mm
Media thickness	150gsm to 350gsm
Lamination speed	0.5m/min ~ 6m/min
Laminating temp.	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

ColorFlare CF2000

ColorFlare is a **compact laminator** and **foil-flaring** device

ColorFlare

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

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

Market leading features

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

Technical specifications

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

* actual reading is 970kgs

ColorFlare CF2500 Pro

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

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

Market leading features

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

Technical specifications

Media sizes	Max: 390 x 715mm
Media thickness	130gsm to 400gsm
Lamination speed	1m/min ~ 15m/min
Laminate/Foil thickness	20-250 micron
Automatic feeding	Yes
Feeding mode	Dual air suction
Pile height	Max: 280mm/2,500 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 - Autopunch 360-120 | 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**

The semi-automatic MOBI 500 combines ergonomics, user convenience and productivity – ideal for professional applications such as book, brochure and calendar production in finishing operations.

Market leading features

- Semi-automatic ring wire comb binding machine for books, calendars and skip binding
- High flexibility of different paper formats
- Ability to bind oversized products
- 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
- No special training is required
- Wheels allow the machine to be moved easily
- Optional extras: Shingle conveyor, KAS calendar hanger systems

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 - Punch 500 ES

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

The powerful desktop punching machine for the most demanding applications. Fast, precise, and versatile: The RENZ Punch 500 ES offers everything a professional punching machine needs.

Market leading features

- High-performance punching machine with a punching width of 500mm and punching capacity of up to 4mm
- Up to 36,000 sheets per hour
- Optional punching dies for all common binding styles (wire, plastic coil, comb, calendar)
- QSA technology for quick and flexible format adjustments
- Automatic punching cycle triggered by micro-switch
- Alternative foot pedal operation
- High flexibility in the selection of hole patterns and pitches
- Horizontal paper loading system for precise and stable punching
- Handles challenges like thick envelopes, specialty papers, and irregular formats

Technical Specifications

Mechanical cycles per hour	3,000
Min. format (w x l)	60 x 60mm
Max. format (w x l)	500 x 800mm
Max. punching thickness	4mm[1]
Punching operation	Micro switch or Foot pedal
Punch dies available	3:1, 2:1 ring wire, calendar, coil, plastic comb
Die types	Standard, Professional
Selectable punch pins (QSA)	Standard dies: Yes Professional dies: Optional
Bespoke dies	Standard dies: No Professional dies: Yes
Variable margin depth	Standard dies: No Professional dies: Optional
Die changeover time	3 min
Machine dimensions (L x W x H)	670 x 400 x 450mm
Machine weight	112.0kg
Power requirement	400V, 3PH/N/PE, 50Hz, 3.5kW

All performance outputs are based on 20lb bond paper and may vary depending on the product type, the working environment and the operator.

[1] Dependent on the die type.

RENZ - DTP 340 A

Fast. Flexible. Semi-automatic.

Unique in this machine class!

The RENZ DTP 340 A is a powerful semi-automatic tabletop punching machine designed for professional print finishing. It precisely punches paper in preparation for wire comb, plastic comb, coil or calendar binding – ideal for copy shops, commercial printers and bookbinders. With a wide range of optional punching dies, a variety of hole patterns and pitches can be achieved. The proven QSA technology enables individual punch pins to be deactivated directly on the tool – allowing fast format changes and custom sizes without removing the die.

The machine supports a punching width of up to 340mm. Ease of use is key: An electronic control panel allows quick paper size setup. Punching is triggered automatically via an optical sensor, with the option to switch to manual mode if needed. Once punched, sheets are automatically transported into the side-mounted stacking tray – ready for immediate binding.

With a punching speed of up to 36,000 sheets per hour, the DTP 340 A is one of the fastest machines in its class – delivering top performance, flexibility and reliable results in everyday production.

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

Market leading features

- Punching system for preparing wire comb, plastic comb, coil and calendar binding
- High output: up to 36,000 punched sheets per hour
- Wide selection of optional punching dies for various hole patterns and pitches
- QSA technology for quick deactivation of individual punch pins without removing the die
- Maximum punching width: 340mm
- Electronic control panel for size selection
- Automatic or manual punching via optical sensor
- Automatic paper transport into side stacking tray
- Quick die change with vertical locking system

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.

RENZ - SRW360

Precision in every format – the **reliable** and **ergonomic** manual 3:1 wire comb binder.

Manual 3:1 wire comb binding machine with two-handle operation, QSA technology and 360mm working width – ideal for binding reports, presentations, documents and calendars.

Market leading features

- Binds up to 135 sheets
- Punching capacity: up to 20 sheets per stroke
- 360mm working width – via open punching and closing slot (punched and closed in two passes)
- 3:1 pitch
- QSA technology: quickly deactivate individual hardened punching pins – ideal for A5, A4 and A3 sizes
- Adjustable punching margin: 2mm - 4.5mm
- Diameter setting for accurate closure
- Parallel adjustment for consistent results
- Optional electric motor upgrade (Comfort Plus)
- Durable metal construction with integrated measuring scale

Technical Specifications

Punching capacity sheets per hr	12,000
Min. punching width	10 mm
Max. punching width	360 mm
Min. unpunched length	50 mm
Max. unpunched length	500 mm
Max. punching thickness	2.2 mm
Punching operation	Manual
Punch dies available	Square 4 x 4 mm
Pitch	3:1
Selectable punch pins (QSA)	Yes
Variable margin depth	Yes
Binding thickness	1 - 13.5 mm
Binding element Ø	5.5 - 16 mm
	3/16" - 5/8"
Min. binding width	10 mm
Max. binding width	360 mm
Binding operation	Manual
No. of books output per hr	200
No. of calendars output per hr	160
Machine dims. L x W x H	330 x 560 x 180 mm
Machine weight	13 kg
Machine packing dims. L x W x H	620 x 480 x 345 mm
Machine weight with packing	15.5 kg-

Technical modifications may be made without notice.
1 mm = 10 sheets of paper, based on 80gsm.

*All performance outputs are based on 80gsm 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 1.5 - 2.0 mm.

RENZ - ECO360 comfort plus

Convenient and **precise** – the electric wire comb binder for **professional 2:1 bindings**

Electric 2:1 wire comb binding machine with foot pedal punching and manual binding up to 360mm – for blocks, brochures, documents and calendars up to 340 sheets.

Market leading features

- Binds up to 340 sheets
- Electric punching via foot switch – up to 25 sheets per stroke
- Manual binding using ergonomic closer
- 360mm working width – via open punching and closing slot (in two passes)
- 2:1 pitch
- QSA technology: quickly deactivate individual hardened punching pins – ideal for A5, A4 and A3 and custom sizes
- Adjustable punching margin: 2mm – 4.5mm
- Diameter setting for accurate closure
- Parallel adjustment for consistent results
- Adjustable side lay and integrated measuring scale
- Durable metal housing and compact footprint

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 1.5 - 2.0 mm.

Technical Specifications

Punching capacity sheets per hr	16,000
Min. punching width	10 mm
Max. punching width	360 mm
Min. unpunched length	50 mm
Max. unpunched length	500 mm
Max. punching thickness	2.5 mm
Punching operation	Electric
Punch dies available	Oblong 5.5 x 3.5 mm
Pitch	2:1
Selectable punch pins (QSA)	Yes
Variable margin depth	Yes
Binding thickness	1 - 34 mm
Binding element Ø	6.9 - 38 mm
Min. binding width	10 mm
Max. binding width	360 mm
Binding operation	Manual
No. of books output per hr	250
No. of calendars output per hr	180
Machine dims. L x W x H	430 x 560 x 180 mm
Machine weight	26.0 kg
Machine packing dims. L x W x H	620 x 480 x 345 mm
Machine weight with packing	28.5 kg
Power requirement	230/250V / 50Hz / 180W

EBA Guillotines - The 56/56LT & 68/68LT

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

The 56 with stand cladding panels and side tables

THE 56/56LT

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**

4860

The 68LT

4815

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.

EBA LT Models

EBA LT models have air tables to allow the accurate and smooth positioning of bulky stock ensuring perfect alignment and reducing user fatigue.

Mohr 66 Plus

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 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:

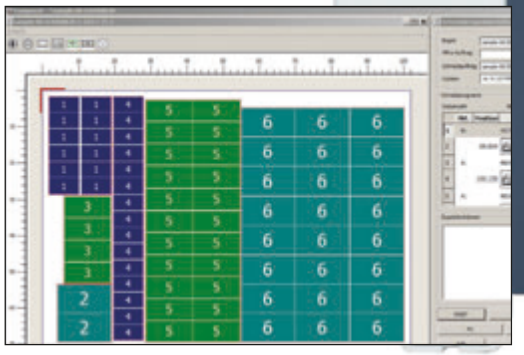
- Compucut® takes the cutting data supplied as ppf or jdf files direct from the pre-press stage Compucut®generates the cutting program automatically.
- A barcode reader enables the machine to start the cutting program automatically. This allows setup times to be reduced

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.

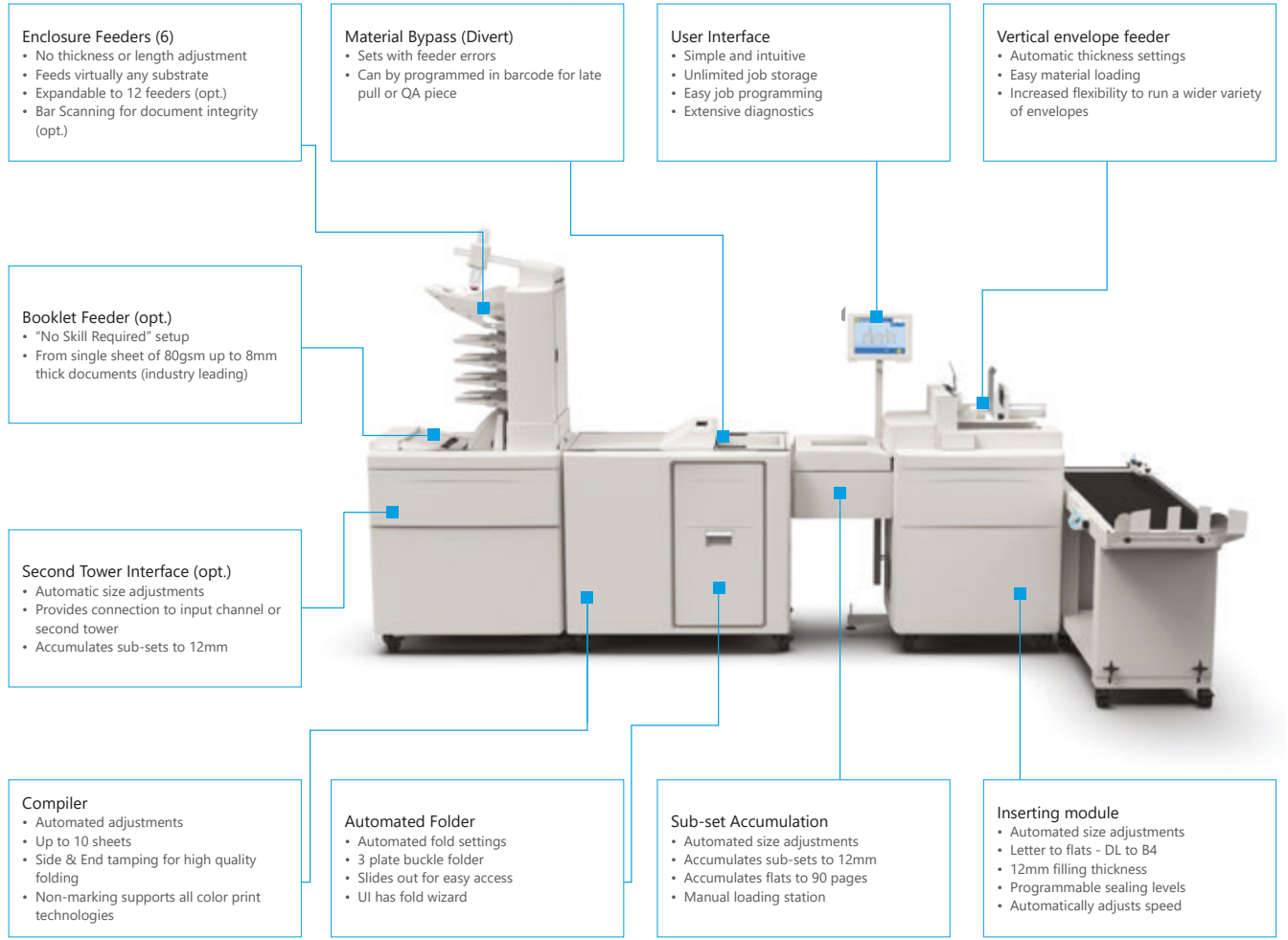
Compucut® GO epitomizes "Plug and Cut".

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

Shredders

Protect your business with proven **quality** and **security**

Customers all over the world rely on the durability and well-known EBA quality. The longer a product is used, the more sustainable it becomes. That is why EBA shredders do not have a built-in ”expiry date“.

Deskside shredders

Shredcat 8200* NEW | 1126 | 1128 | 1624 | 1824

Office shredders

2127 | 2326 | 2331 | 5131 | 3240 | 3340 | 5141

High capacity shredders

5346 | 6340 | 7050

EBA SHREDCAT 8292

Countron - Paper Counting

High speed **precision counting** on demand

Countron Touch is the most popular model with a touch panel. Accurate, High-speed counting is assured for various qualities and thicknesses of paper such as offset paper, coated paper, digitally printed paper, and thin invoices etc.

An optional built-in thermal printer adds the machine's capability to print each count record and error, helping secure count record management.

Features

- Pin & blade counting system
- Wide range of paper quality from 22 to 256gsm
- Count speed up to 2,500 sheet/min.

Technical Specifications

Machine type	Standalone, with touch screen
Counting mechanism	Pin & blade system
Counting speed	0 to 2,500 sheets/min.
Countable paper quality	22 to 256 gsm
Countable paper size	100 x 150mm to 546 x 788mm
Stacking capacity	Up to 300mm
Tab tape insertion	Every 2 to 1,000 sheets
Height of work table	760mm
Power source	110/120/220/230/240 VAC, 50/60Hz, single phase
Power Consumption	500W
Dimensions	900(W) x 1,081(D) x 1,350(H)mm
Net weight	150kg
Options	Count record management system for PC RAM for random tabbing program memory Large table Small item counting guide

Morgana Band-it

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

Morgana Band-it P30 / P50

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

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

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

Band-it P30

Band-it P50 with stand

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

Plockmatic morgana RENZ intec

Plockmatic Group

Consumables

Accessories for Professional Results

High-quality accessories help maximise machine performance and ensure consistently professional results. Plockmatic offers a carefully selected range of durable, tested consumables, many of which are also compatible with other leading brands.

Laminates

A comprehensive range of laminate pockets and roll films for single- and double-sided applications, including common finishes and widths from 305 to 1,400 mm.

Foils

Gold, silver and a range of colours enable attractive embellishment and effects similar to spot varnishing, adding value to digitally printed media.

Wire

Finished A4/A5 lengths in 3:1 and 2:1 formats, plus spools for commercial production.

Knives & Cutting Sticks

Knives and cutting sticks for EBA, IDEAL and Challenge guillotines, with sharpening services also available.

Staples

Staples for Plockmatic equipment and the most commonly used stapling systems.

Adhesives

EVA hotmelt and PUR adhesives for automatic perfect binding systems.

For ColorCut & ColorFlare: +44 (0)1202 845960

For RENZ Spares and Consumables, email: orders.uk@plockmatic.com

All other Consumables and Spares: +44 (0)1908 444076

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