

digital **finishing**
for digital printers
the range..



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“the DocuMaster is an integral part of this, operating near-line to produce high quality saddle-stitched booklets with a ‘square back’ finish”

Morgana is now recognised as a leading innovator in the development and manufacture of finishing systems designed specifically to meet the needs of the rapidly growing digital print market.

In just over thirty years, Morgana Systems has grown to become the UK’s leading manufacturer and supplier of print finishing equipment.

During the past ten years it has also established a global reputation as a leader and innovator in the development of systems specifically designed to finish digitally printed output.

Breakthrough products such as the Morgana Pro range, the CardXtra Plus, the DigiCoater range and many more all underline Morgana’s claim to be No. 1 in Digital Print Finishing. Morgana is a preferred finishing partner of all the leading manufacturers of digital print engines both here and around the world.

As well as designing and making its own equipment, Morgana is also sole UK distributor for leading finishing equipment manufacturers including EBA and Ernst Nagel.

Quen Baum

Managing Director

“the DigiFold has the speed we need to prevent any finishing bottlenecks”

Morgana History

1977

Company formed as a print finishing sales and service Company.

1980

Move to larger 10,000 sq ft premises in Bletchley featuring showroom and warehousing.

1982

Started design of the UFO folding machines.

1984

First IPEX featuring Morgana as a manufacturer of UFO folding machines. Export division formed.

1986

Launch FSN suction rotary numbering & perforating machine. Morgana exhibit at Drupa for the first time.

1998

Launch DocuFold fully automated compact suction folder.

Launch DocuCrease & ElectroCreaser range of bench top manual creasers.

2000

Launch AutoCreaser 33 at Drupa 2000. More than 200 orders secured at the show.

2002

Launch DigiFold Mk1 at IPEX. The world's first creaser/folder.

2003

Launch Major compact suction folder.

1988

Purchase
Hobson Designs.
A manufacturer of
collating machines
based in
Amphill, Beds.

1990

Move into 18,000 sq ft
purpose built showroom,
office and factory in Milton
Keynes.

Launch of the System 90
range of suction collators
with stitch, fold and trim
attached.

1992

Launch
large format
newspaper
collator/folder

1996

Launch
Junior compact suction
folder.

2006

Move into 50,000 sq ft
purpose built
showroom, offices and
factory.

Launch AutoCreaser 50
and DocuMaster at IPEX
2006.

Morgana USA opens.

2008

Launch
DigiFold 5000P &
DigiCoater
at Drupa 2008.

2010

Launch Pro series
models with
SmartScreen
technology IPEX 2010.
AutoFold Pro
launched.

2011

Launch
DocuMaster MFC &
CardXtra Plus at
European Dealer
meeting.

Launch
DigiBook 300 PUR binder.

2012

about us...

Over 80% of Morgana's UK manufactured products are exported to its global network of dealers and distributors.

Morgana USA was established to provide local support to both the North and South American markets as well as Canada, and now serves national as well as local Morgana resellers on both continents.

In 2006 Morgana moved into a new

headquarters in Milton Keynes, bringing all company operations under one roof for the first time.

This purpose-built building, covering 50,000 sq. ft is home to a streamlined manufacturing facility, sophisticated R&D and electronic workshops, training facilities, administration and a large showroom and demonstration area.

The new building has provided greatly increased manufacturing and assembly capability, enabling Morgana to keep pace with the rapidly growing demand for its products from the UK market and overseas markets.

The company has also invested heavily in research and development and its highly trained team of design engineers have been responsible for the constant stream of new products that Morgana has launched in recent years.

Underpinning the complete Morgana range, which now covers all the main requirements of both digital and conventional printers, is a firm commitment to customer care that provides all that is best in service and support.

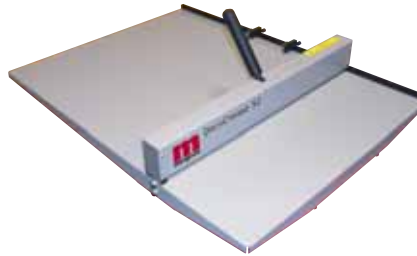
est. 1977



DocuCrease

35cm and 52cm hand creaser designed for small volume applications, the Morgana DocuCrease is a hand operated machine, which has adjustable stops for multi creasing along the length the sheet.

- Fast & easy to setup
- Takes stock up to 0.4mm (approx 400 gsm)*
- Rule and matrix guaranteed for life
- Left or right handed operation
- Heavy duty
- 35cm or 52cm sizes
- Crease without cracking



Speed:	n/a
Dimensions:	35 - L 600mm x W 385mm x H 120mm
Dimensions:	52 - L 750mm x W 555mm x H 120mm
Electrical:	n/a
Sheet Size:	35 - 360mm x 350mm
Sheet Size:	52 - 520mm x 520mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

ElectroCreaser

Available in 36cm and 52cm sizes. The ElectroCreaser is made for the smaller printer or implant whose requirements don't justify a fully automated creaser. It uses blade and matrix technology for a quality result and is easily set up. It provides two standard creasing width profiles and simplifies jobs needing multiple creases.

- Fast & easy to setup
- Semi-automatic
- Foot switch operation
- Takes stock up to 0.4mm (approx 400 gsm)*
- Rule and matrix guaranteed for life
- Heavy duty
- 36cm or 52cm sizes
- Crease without cracking



Speed:	n/a
Dimensions:	36 - L 700mm x W 480mm x H 210mm
Dimensions:	52 - L 780mm x W 640mm x H 220mm
Electrical:	240v 50/60hz
Sheet Size:	36 - 435mm x 365mm
Sheet Size:	52 - 520mm x 520mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

DigiCreaser

The Morgana DigiCreaser is a fast, versatile creaser that is fully automatic after feeding. It can be supplied as a bench-top unit or with an optional base. Easy to use, with a head-up display to prompt the operator, the DigiCreaser uses blade and matrix creasing for optimum quality and has counting and batching as standard. It can store six programmes for repeat work.

- Fast & easy to setup
- Fully automatic after feeding
- Takes stock up to 0.4mm (approx 400 gsm)*
- Rule and matrix guaranteed for life
- 4000 sheets per hour
- Memory for storing repeat jobs
- Adjustable crease depth & square
- Perforating as standard
- Crease without cracking



Speed:	4000 sheets per hour
Dimensions:	L 870mm x W 570mm x H 590/1070mm
Electrical:	240v 50/60hz
Sheet Size:	630mm x 330mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

AutoCreaser Pro 33

This model has many new features and benefits. The intuitive 7" SmartScreen controls all the main functions. Using the screen is simplicity itself. Key in the sheet length (popular sizes are pre-set), touch the fold type for the finished product (letter, gate etc) and press the green button. The AutoCreaser Pro 33 will automatically calculate where the creases need to be and set them accordingly.

- 7" SmartScreen touch screen
- Intuitive and easy to use
- Fully automatic
- Up to 16 creases per sheet
- Takes stock up to 0.4mm (approx 400 gsm)*
- Rule and matrix guaranteed for life
- 8500 sheets per hour
- Unlimited alpha numeric memory
- Adjustable crease depth & square
- Perforating as standard
- Crease without cracking



Speed:	8500 sheets per hour
Dimensions:	L 1168mm x W 457mm x H 990mm
Electrical:	240v 50/60hz
Sheet Size:	700mm x 330mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

AutoCreaser Pro 50

The AutoCreaser Pro 50 takes a much larger sheet size of 700mm x 500mm. Offering the same features and benefits as the Pro 33, it runs at the increased speed of 8,500 sheets per hour. Similarly it has the “selective speed” control so the operator can decide on the best speed to run any given job. The new PosiFeed feeding system that allows a large pile to be loaded and fed is used on the AutoCreaser Pro 50 (along with all of our suction fed machines).

The new intuitive 7” SmartScreen (standard on the Pro range) controls all the main functions of the AutoCreaser Pro 50. Using the screen is simplicity itself. Key in the sheet length (popular sizes are pre-set), touch the fold type for the finished product (letter, gate etc) and press the green button. The AutoCreaser Pro 50 will automatically calculate where the creases need to be and set them accordingly. Jobs are then stored in the unlimited alpha numeric job memory.

Creasing versus Scoring.

Traditional rotary scoring machines use circular blades that are in constant motion as the stock passes through them. This creates a ploughing action that actually cuts through the top fibres of the paper or card in order to create a score. Inevitably this weakens the paper and encourages cracking. In contrast, the Morgana AutoCreaser Pro 50 employs a unique creasing rule and matrix as illustrated overleaf, that eliminates tearing and, therefore, cracking.

- 7” SmartScreen touch screen
- 700mm x 500mm sheet size
- Intuitive and easy to use
- Fully automatic
- Up to 16 creases per sheet
- Takes stock up to 0.4mm (approx 400 gsm)*
- Rule and matrix guaranteed for life
- 8500 sheets per hour
- Unlimited alpha numeric memory
- Adjustable crease depth & square
- Perforating as standard
- Crease without cracking



Speed:	8500 sheets per hour
Dimensions:	L 1780mm x W 700mm x H 1000mm
Electrical:	240v 50/60hz
Sheet Size:	700mm x 500mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

AutoFold Pro

The AutoFold Pro is an automatic folding machine designed specifically for the professional digital or litho printer. It is a versatile folding unit when linked to a creasing machine, designed for folding digital stocks using our patented flying knife technology which was developed to prevent the scuffing and marking on digital stocks that are caused by folding using conventional methods. The AutoFold Pro is simply wheeled up to ANY creaser and the height of its vacuum feed conveyor is adjusted to the exit height of the creaser.

Controlled by an innovative 7" SmartScreen panel, the AutoFold Pro is instructed how long the pre-creased sheet is and which fold to produce.

Both machines are turned on and the pre-creased sheets from the creaser are delivered directly onto the AutoFold Pro feed conveyor; here they are accurately registered to the side-lay before being folded as programmed and delivered onto a motor driven shingling delivery system which will ensure consistent, high quality stacking.

The beauty of the AutoFold Pro is its simplicity allowing the user of ANY manufacturer's creaser to invest in one and to improve their productivity and quality immediately.

- SmartScreen touch screen operation
- 6240 sph
- Takes stock up to 0.4mm (approx 400 gsm)*
- Alpha-numeric memory
- Wheel up to any manufacturer's creasing machine
- Highly versatile
- Long conveyor for longer sheets
- 900mm x 385mm sheet length



Speed:	6240 sheets per hour
Dimensions:	L 1168mm x W 457mm x H 990mm
Electrical:	240v 50/60hz
Sheet Size:	600mm x 385mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

DigiFold Pro

DigiFold has been Morgana's flagship product since its introduction in 2001. In this latest version, the DigiFold Pro now runs at 6000sph and we have added the SmartScreen as with all Morgana Pro models.

This 7" intuitive screen allows the operator to easily control all the functions of the machine. Set-up takes seconds and can be as simple as pressing 3 buttons; stock size, fold type and the GO button. The unlimited alpha numeric memory allows jobs to be named and saved and with a simple search function, allowing them to be quickly retrieved.



This most versatile of machines has several uses: -

- As an integrated creaser/folder performing both functions in a single pass
- As a "stand alone" creaser when folding is not required
- As a perforator when neither creasing or folding is needed

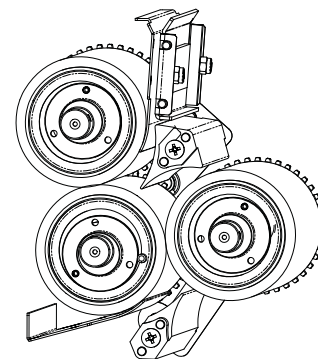
The vastly increased speed now makes the DigFold Pro a viable proposition for litho printers who suffer the same cracking problems as digital printers. Using our proven patented "flying knife" technology we can ensure that there will be no scuffing or marking on digital stocks that are caused by using conventional folding methods. Additionally, our DynaCrease mechanism will give the same high quality crease that our customers have come to expect, but without stopping the sheet and therefore significantly improving productivity.

- SmartScreen touch screen operation
- Takes stock up to 0.4mm (approx 400 gsm)*
- Alpha-numeric memory
- PosiFeed feed system
- Highly versatile
- 900mm x 385mm with optional extension
- Crease & fold without cracking



Patented flying knife technology.

The DigiFold Pro and AutoFold Pro both use Morgana's patented "flying knife" technology. This allows delicate digital stocks, cross-grained materials and heavy weight stocks to be folded without any of the scratching and marking caused with conventional folders. Users will benefit from the simplicity of the system which will give unparalleled performance and longevity.



Speed:	6000 sheets per hour
Dimensions:	L 1980mm x W 655mm x H 1265mm
Electrical:	240v 50/60hz
Sheet Size:	700mm x 385mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

DocuMaster Pro

The original DocuMaster was produced as a result of a request by one of the Digital Engine Providers. They had just produced a machine that delivered pre-collated sets (including covers of heavier stock) and wanted Morgana to produce a booklet maker that could finish them without cracking the book's spine or the highly visible centre page spread.

The DocuMaster Pro is the fourth generation DocuMaster and has all of the original design attributes. We have added the same SmartScreen module as used by the whole range of Morgana Pro machines and it also benefits from the new PosiFeed feeding system making an already impressive feeder, unbeatable.

Targeted specifically at digital printers, the DocuMaster is a complete finishing system combining feeding, creasing and high quality bookletmaking. It enables pre-collated booklets or brochures to be finished in one highly automated operation.

The optional variable data camera system used on the DocuMaster is simplicity itself. The camera is set to read a fixed point on the booklet's cover (or any other page) and that is all that is required to instruct the system to make the book. Irrespective of the number of pages, this guarantees set integrity.

DocuMaster is the Multi-tasking champion. Use it as a bookletmaker, a creaser or a perforator to produce 4pp brochures on heavy card stock, or to give the perfect bound appearance to pre-produced booklets using the optional Square Back, it will happily do them all.

Near-line or off-line finishing enables your print engine to operate at maximum speed. This is often not the case when on-line finisher's are used.

Due to the high productivity of the DocuMaster, work from more than one print engine can be finished.

- 7" SmartScreen touch screen
- Takes multi weight pre-collated stocks
- Intuitive and easy to use
- JDF & variable data ready
- High versatile
- Takes stock up to 0.4mm (approx 400 gsm)*
- Rule and matrix guaranteed for life
- 1200 books per hour
- Unlimited alpha numeric memory
- Sonic double detector
- Perforating as standard
- Crease without cracking



Speed:	1560 books per hour - books
Speed:	5000 sheets per hour - crease
Dimensions:	L 2700mm x W 720mm x H 1185mm
Electrical:	240v 50/60hz
Sheet Size:	460mm x 320mm - when bookletmaking
Sheet Size:	630mm x 330mm - when creasing
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

DocuMaster MFC

With today's increased demand for high quality finished documents, Morgana are pleased to introduce the DocuMaster MFC. This is the latest in the DocuMaster range, designed to eliminate tedious and time consuming operations by creasing the sheets as part of the feeding and booklet making operation.

With multiple feed stations, the design allows for feeding of specialised covers and booklet inside pages from separate feed bins while still allowing for creasing of cover, centre or all pages of the book. The Documaster MFC incorporates the new 'DYNATILT' creasing system which automatically registers each sheet and adjusts the mechanism to ensure an accurate crease position every time.

Creasing of covers, centre spreads or indeed all sheets in the book if needed, is simply programmed into the high definition touch screen control unit. Simplicity of operation is key to finishing digitally printed work. Today's "on demand" culture means run lengths are smaller and turnaround times are becoming shorter and shorter.

Controlled by a high definition touch panel, the DocuMaster MFC is given full instructions as to the book size, amount of pages and crease position etc. All settings and adjustments are made using the high definition touch panel so operation couldn't be simpler. An alpha numeric memory allows an unlimited number of jobs to be stored and named as you choose. This makes job recall much easier as you can use your own job name and numbers for storage.

The DocuMaster MFC is ergonomically designed so that it can be loaded (on the run) and unloaded very easily from one position. The footprint is unusually small for a bookletmaking system and it will fit into even the smallest of printrooms. The DocuMaster MFC utilises the latest advances in paper feed modules. These modules can be specified as suction feed only or suction and friction feed to a maximum of 4 separate feed stations. The paper is fed from these units using a centre reference sheet guide system and smart detection for sheet integrity.

- High definition touch panel
- 4 separate feed stations
- Intuitive and easy to use
- Highly versatile separate cover feed & inserting
- Takes stock up to 0.35mm*
- 'DYNATILT' Rule and matrix guaranteed for life
- Smart detection - fully automatic electronic paper detection
- Crease without cracking



Speed: 7200 sheets per hour - friction bin

Speed: 5000 sheets per hour - suction bin

Dimensions: L 1730mm x W 710mm x H 2115mm

Electrical: 240v 50/60hz

Max Sheet Size: 450mm x 320mm

Sheet Weight: Takes stock up to 0.35mm (approx 300gsm)
including laminated material

Major Folder

The Morgana Major is a simple to operate suction feed folding machine designed and manufactured by Morgana to handle a wide range of paper weights and types of fold. Since its introduction, 1000's of Morgana Folders have been installed world-wide and these testify both to the olders performance and value, and also the many features included as standard.

- Powerful suction feeder
- Side lay alignment of the sheets, prior to folding
- Fully enclosed fold plates with 'dial-a-fold'
- Plug in perforating and scoring attachment
- Variable speed
- Tray to catch work when perforating or scoring
- Long delivery belt stacker
- Counting & batching
- Double sheet, anti jam detector



Speed: Variable upto 27000 sheets per hour

Dimensions: L 1168mm x W 493mm x H 1280mm

Electrical: 240v 50/60hz

Sheet Size: 648mm x 365mm

Sheet Weight: 56gsm - 240gsm approx

DocuFold Pro

The Morgana DocuFold Pro is a brand new concept fully automatic paper folding machine. Equipped with the latest SmartScreen technology, it enables an operator with minimum training to carry out a variety of folds from an icon driven touch screen. An unlimited alpha numeric memory is available to store all standard and non standard jobs.

- Powerful suction feeder
- 7" SmartScreen
- Side lay alignment of the sheets, prior to folding
- Fully enclosed fold plates. Fitted with anti-static brushes
- Plug in perforating and scoring attachment
- Variable speed up to 27,500 sph
- Driven delivery belt stacker
- Counting & batching
- Double sheet, and jam detector



Speed: Variable upto 27,500 sheets per hour

Dimensions: L 1240mm x W 555mm x H 1370mm

Electrical: 240v 50/60hz

Max Sheet Size: 674mm x 365mm

Sheet Weight: 56gsm - 240gsm approx

FRN5 Rotary

The rotary action FRN5 numbering machine is the ideal unit for lower volume applications and shares many of the same features as the FSN, including the ability to feed SRA3 landscape or portrait. The ergonomic design allows both the feed and delivery tables to be stored when the machine is not in use.

- Fast, simple make-ready
- Imprinting capability
- Micro-porous ink roll system
- Perforates & numbers anywhere on the sheet in one pass
- Adjustable platen pressure
- Two perforators and one scorer as standard
- Electronic sheet spacing
- Continuous operation
- Fully mobile
- Feeds carbonless sets with open & closed edge leading



Speed:	5500 sheets per hour
Dimensions:	L 900mm x W 780mm x H 1110mm
Electrical:	240v 50/60hz
Sheet Size:	460mm x 460mm
Sheet Weight:	Takes 6-part carbonless sets
Collars Max:	4

FSN Rotary

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

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



Speed:	9000 sheets per hour
Dimensions:	L 1168mm x W 457mm x H 990mm
Electrical:	240v 50/60hz
Sheet Size:	460mm x 460mm
Sheet Weight:	Takes 7-part carbonless sets
Collars Max:	8

CardXtra

The CardXtra has been manufactured to meet the needs of the growing number of digital and litho printers who have asked for a highly accurate, low cost, easy to use multifunctional finishing device. It can feed sheets up to SRA3 in size and can trim and cut in multiple positions. The accuracy of the CardXtra is the best available in the market with an accuracy of +/- 0.1mm which makes it significantly better than that of many more expensive units. The addition of a unique registration mark allows the machine to track the image as opposed to the sheet edge, making it perfect for the digital environment. The versatile CardXtra has the ability to take many different size sheets and cut multiple sizes, utilising optional cutters which are easy for the operator to change.

- 140 business cards per minute
- Highly accurate
- Takes stock up to 0.4mm (approx 400 gsm)*
- Fully programmable
- Million cut guarantee
- Many cutting options available
- Choice of optional plug-in cutters
- Image tracking registration mark



Speed: 140 business cards per minute

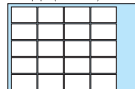
Dimensions: L 1032mm x W 615mm x H 917mm

Electrical: 240v 50/60hz

Sheet Size: 450mm x 320mm

Sheet Weight: 105gsm - 375gsm

SRA3 paper (or 12" x 18")



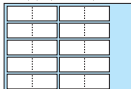
20 x Business cards (with trimming margins) MC-1 / MC-3

SRA4 paper(or 9"12")



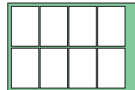
10 x Business cards (with trimming margins) MC-1 / MC-3

SRA3 paper (or 12" x 18")



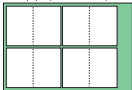
10 x Double-sized business cards (with trimming margins) MC-1 / MC-3

SRA3 paper (or 12.2" x 19.2")



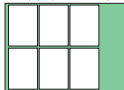
8 x Postcards (with trimming margins) HC-1

SRA3 paper (or 12.2" x 19.2")



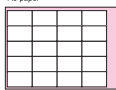
4 x A5 (with trimming margins) HC-1

SRA3 paper (or 12.2" x 19.2")



6 x A6 (with trimming margins) HC-1

A3 paper



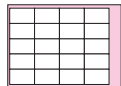
20 x Business cards (without trimming margins) MC-2

A4 paper



10 x Business cards (without trimming margins for gutter lines by long blades) MC-2

A3 paper



20 x Business cards (without trimming margins) MC-2

A4 paper



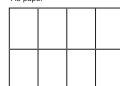
10 x Business cards (without trimming margins for double lines by long blades) MC-2

A3 paper



8 x Postcards (without trimming margins) HC-2

A3 paper



8 x A6 (without trimming margins) HC-2

A4 paper



4 x A6 (without trimming margins) HC-2

Various cutters available. Picture below shows optional postcard cutter.



EPS & PDF templates available for download from www.morgana.co.uk

CardXtra Plus

The CardXtra Plus has been manufactured to meet the needs of the growing number of digital printers who have asked for a highly accurate, low cost, easy to use multifunctional finishing device that can slit, cut and crease. With run lengths becoming shorter and jobs being personalised or printed with no “overs” it is essential to have an accurate, easy to use reliable finishing system; and that is exactly what the CardXtra Plus is.

It can feed sheets up to SRA3 in size and can trim, cut and crease in multiple positions. The accuracy of the new CardXtra Plus is the best available in the market with an accuracy of +/- 0.1mm which makes it significantly better than that of many more expensive units.

The addition of a unique registration mark allows the machine to track the image as opposed to the sheet edge, making it perfect for the digital environment. The versatile CardXtra Plus has the ability to take SRA3 sheets, trim them to A3 and crease them to produce finished A4 4 page brochures. Equally easily it can finish the job to A4 which can then be creased to make 4 page A5 leaflets or multiple creases for a wide variety of applications. The options are endless and with the million cut guarantee, the CardXtra Plus will be serving your business for many years to come.

The CardXtra Plus comes with 3 cutters as standard.

- Highly accurate
- Cut & crease in one pass
- Rule and matrix guaranteed for life
- Takes stock up to 0.4mm (approx 400 gsm)*
- Fully programmable
- Million cut guarantee
- 3 cutters as standard
- Choice of additional cutters
- Image tracking registration mark



Speed: 7 sheets per minute

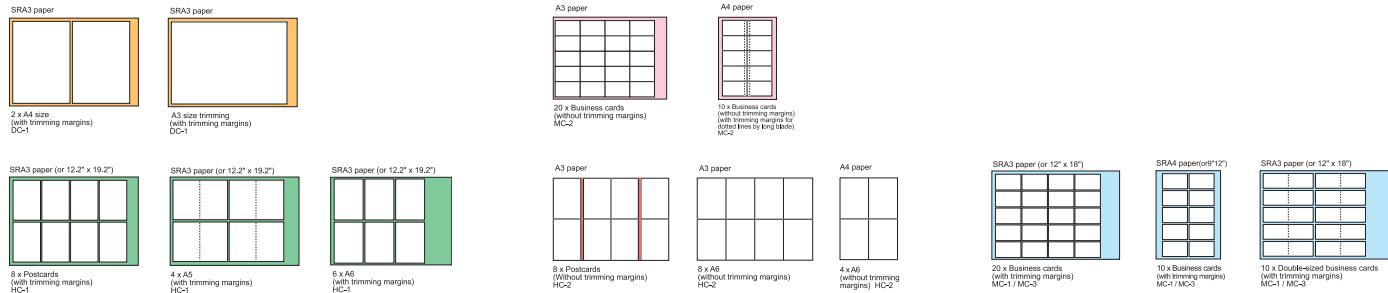
Dimensions: L 1300mm x W 600mm x H 950mm

Electrical: 240v 50/60hz

Sheet Size: 450mm x 320mm

Sheet Weight: 105gsm - 375gsm

EPS & PDF templates available for download from www.morgana.co.uk



DigiCoater 33

The new range of UV coaters are now available in a 33 and 50cm widths. The DigiCoater 33 is available with gloss and matt coatings online and integral auto wash. It has full touch screen technology for simple operation and is Ideal for the SRA3 market with a small footprint. The optional Digi-IR unit is available for wax based toners. A suction feeder is available as an option.

- Automatic touch screen operation
- Multiple coating options
- Can be used to prime printing stock
- Variable coating thickness
- Multiple supply tanks with semi auto wash
- Sheet weight 400gsm+
- Filtered recirculation system
- Variable speed to 30 metres per minute
- Enclosed System For Dust Free Prints
- Compact footprint
- Choice of air feeders and joggers



Speed: 7.5 - 30 metres per minute

Dimensions: L 1500mm x W 700mm x H 1045mm

Electrical: 240v 50/60hz

Sheet Size: 330mm x 762mm

Sheet Weight: Takes stock up to 0.4mm (approx 400gsm)

DigiFeed

The cost effective feeding solution for the DigiCoater range. The DigiFeed is available in two sizes and is able to feed all stock types including synthetic media due to a comprehensive air blow system to ensure good separation of the sheets prior to feeding. A deep pile feed is standard allowing a stack height of up to 400mm to be loaded.

- 330mm and 500mm width available
- 400mm deep pile feed
- Simple operation
- Low maintenance
- Compact footprint



Speed: 3600 sheets per hour A3+

Dimensions: L 585mm x W 645mm x H 1020mm

Electrical: 240v 50/60hz

Sheet Weight: Takes stock up to 0.4mm (approx 400gsm)

DigiCoater 50

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. The DigiCoater 50 caters for printers who require a larger sheet width of up to 500mm. The DigiCoater 50 is available in 2 versions.

The first version is available with 4 tanks and 2 coating rollers and is ideal for customers who do not wish to use the machine for priming* and wish to coat only.

The second version is available with 6 tanks and 3 coating rollers and is ideal for customers who want the flexibility to have coating and priming available from one machine. Switching between coating and priming is achieved via the touch screen control panel. The optional Digi-IR unit is available for wax based toners. A choice of feeders are available to suit all applications.

- Automatic touch screen operation
- Multiple coating options
- Variable coating thickness
- Multiple supply tanks with auto wash
- Sheet weight 400gsm+
- Filtered recirculation system
- Variable speed to 30 metres per minute
- Enclosed System For Dust Free Prints
- Compact footprint
- Choice of air feeders and joggers
- Internal IR lamp



Speed:	7.5 - 30 metres per minute
Dimensions:	L 1707mm x W 1000mm x H 1200mm
Electrical:	240v 50/60hz
Sheet Size:	500mm x 762mm
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm)

Gloss Varnish

A gloss coating can add impact to the print, especially in sales or promotional material, where optimum presentation of images is important.

Matt Varnish

A matt varnish is sometimes used to 'soften' the appearance of a printed image. Small text in a leaflet or booklet can be easier to read on a surface coated with matt varnish as the coating scatters the light and reduces glare.

Textured Finish

A textured finish allows the designer to create a special effect on the printed surface. This is achieved by way of a textured roller.

Protection

Applying a UV coating protects the printed image as well as enhancing it. This is essential for anything that will be frequently handled or submitted to the rigours of the postal system. The DigiCoater is compatible with most print technologies including liquid ink and toner based digital engines, photo, ink jet, conventional litho digital and more.

Morgana recommend external venting for this product. As an alternative, the X-Tractor is available which is an internal filtration/fume extraction system.

DigiBook 300

PUR is the strongest, most flexible binding adhesive available and offers several additional advantages over other binding adhesives. When inks, coatings or digital print toners are present in the spine area these can compromise the strength of typical hotmelt perfect binding. PUR is resistant to this and will form a super-strong bond with all weights and finishes of paper stocks. In addition PUR works well with synthetic and recycled-content stock.

The DigiBook 300 is ideally suited to traditional and digital printers who require short runs of PUR perfect bound books to a professional standard. These innovative machines are equipped with a patented closed gluing system where the spine and side gluing is applied by a slot applicator for the utmost binding quality and accuracy. The DigiBook 300 is an innovative bookbinding machine designed and built for the very latest market requirements. It is easy to use, even by non-specialised personnel, via a touch screen panel with icon graphics that allow the programming of all precision operations in just a few seconds, including startup and shutdown.

There are a thousand alphanumeric memories available, which enable repeat jobs to be saved for later recall, thus providing totally automatic setup in a few seconds.

- Touch screen operation complete with automatic format change.
- 1000 alphanumeric memories available
- Pneumatic opening and closing of clamp
- Binding length (spine) from 100mm up to 450mm
- Spine thickness from 1 to 50 mm
- Spine preparation by sophisticated milling device
- Paper chip extractor
- Patented hermetically sealed PUR application system for spine and side gluing with automatic glue cut-off
- Angled work surface keeps books in a vertical position
- 300 cycles per hour



Glue Type:	PUR
Speed:	300 cycles per hour
Dimensions:	L 1850mm x W 1096mm x H 1373mm
Electrical:	16amp 3phase + E + N 400v 50/60hz
Maximum book size:	450mm - 300mm
Minimum book size:	100mm - 120mm
Binding Height:	90mm - 310mm
Spine Thickness:	1mm - 50mm

KB2000S Perfect Binder

The KB 2000S is the updated version of the best selling KB 2000 which it replaces.

It remains the ideal perfect binder for short to medium run lengths and it can be made ready in seconds and without any wastage. Building on the proven features of its predecessor the KB 2000S includes a more powerful slitting device for better spine preparation and increased glue penetration.

As more paper dust will be created from the new slitting method we have incorporated a vacuum collection system inside the cabinet which is now an integral part of the machine. An additional benefit of having the integral cabinet is the ability to now fix the compressor within it.

The glue drum has also been redesigned on the KB 2000S in order to supply more glue to the spine and therefore to ensure stronger books.

The KB 2000S can successfully bind all types of print and stocks due to the increased spine preparation and the much improved 3 roller glue system. Pneumatics control the nipping and clamping of the book and side gluing is achieved during the gluing and clamping process. Documents from 4 sheets up to a maximum of 60mm can be bound. Unusually in a machine of this size the KB 2000S can bind A4 landscape books.

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



Glue Type:	Hot Melt Adhesive
Speed:	320 books per hour
Dimensions:	L 1350mm x W 500mm x H 1285mm
Electrical:	240v 50/60hz 30amp
Spine Length:	60mm - 310mm
Book Size Min:	165mm (spine) - 115mm
Book Size Min:	310mm (spine) - 320mm
Spine Size:	3 sheets - 60mm

Glue for the KB2000S available from stock.

System 90 Jogger

The Morgana Jogger is an essential piece of equipment for printers who need to 'knock up' paper or carbonless sets in sizes up to SRA2. It combines well with the AutoCreaser Pro range, Morgana rotary numberers, DigiCoater or Uchida collators, depending on the application.

The height of the Jogger can be adjusted as can the angle.

- 700mm x 500mm sheet size
- Multi-adjustable
- Full speed control
- Rotation control



Speed:	n/a
Dimensions:	L 700mm x W 500mm x H 900mm
Electrical:	240v 50/60hz
Sheet Size:	700mm x 500mm

Uchida AJ-700 Jogger

Ideal for knocking up misaligned material with static from some digital print engines. Ideal accompaniment for the DocuMaster and Pro creasing range.

- Variable air jet speed to suit different stocks
- Foot pedal or continuous operation
- Adjustable jogging angle
- Height adjustable



Dimensions:	L 550mm x W 430mm x H 1270mm
Electrical:	240v 50/60hz
Sheet Size:	500mm x 350mm
Pile Size:	85mm

EBA436M

This powerful EBA 435M office guillotine for manual operation is perfect for effortless cutting and trimming of paper stocks or bound brochures up to 40mm in height. Features include: 430mm cutting length, 40mm cutting height, solid all metal construction, solid steel blade carrier, manual paper clamp, spindle driven backgauge with calibration ring. Bench top model. Picture shows optional stand.

- Cuts up to 500 sheets of paper (70gsm)
- 430mm cutting length
- Full safety system
- Solid all metal construction
- Manual paper clamp
- Spindle-driven backgauge
- Table top machine - Stand supplied as an option



Speed:	n/a
Dimensions:	L 880mm x W 830mm x H 1090mm
Electrical:	n/a
Cutting Size:	W 430mm x D 390mm
Pile Height:	40mm
Programmes:	n/a

EBA436E

The EBA 436E has a digital display and manual clamp and offers high cutting performance which is easy and safe to operate. Features include: Electro-mechanical blade drive, powered paper clamp, spindle driven backgauge with digital display for precise positioning, precision side lay, optical cutting line with LED's. Available as a bench top model or with optional stand or cabinet. Optional cabinet shown.

- Cuts up to 500 sheets of paper (70gsm)
- 430mm cutting length
- Full safety system
- Solid all metal construction
- Manual paper clamp
- Spindle-driven backgauge
- Optical cutting line with bright LED's



Speed:	n/a
Dimensions:	L 640mm x W 695mm x H 1080mm
Electrical:	240v 50/60hz
Cutting Size:	W 430mm x D 390mm
Pile Height:	40mm
Programmes:	n/a

EBA436A

The EBA 436A with a new digital display and power clamp, offers high cutting performance which is easy and safe to operate. Features include: Electro-mechanical blade drive, powered paper clamp, spindle driven backgauge with digital display for precise positioning, precision side lay, optical cutting line with LED's. Available as a bench top model or with optional stand or cabinet. Optional cabinet shown.

- Cuts up to 500 sheets of paper (70gsm)
- 430mm cutting length
- Full safety system
- Solid all metal construction
- Power paper clamp
- Spindle-driven backgauge
- Optical cutting line with bright LED's



Speed: n/a

Dimensions: L 640mm x W 695mm x H 1080mm

Electrical: 240v 50/60hz

Cutting Size: W 430mm x D 390mm

Pile Height: 40mm

Programmes: n/a

EBA485EP/A

This is the perfect guillotine for the budget-conscious smaller printer or implant who needs programmatic control for on-demand operation. It has a 480mm cutting width, optical cutting line indicator, accepts a pile height of 80mm and features an electro mechanical blade drive and power back gauge. Programmatic operation allows 99 jobs to be stored for repeat work with 99 cutting positions within each programme.

- Fully programmable
- 10 button keypad
- 99 programmes with 99 steps
- Micro adjust handwheel
- Power paper clamp
- 80mm pile height
- Electro-mechanical blade drive
- Optical cutting line with bright LED's



Speed: n/a

Dimensions: L 755mm x W 970mm x H 1360mm

Electrical: 240v 50/60hz

Cutting Size: W 475mm x D 450mm

Pile Height: 80mm

Programmes: 99 with 99 steps

EBA 551 (LT)

The 551 has an electronic photocell safety guard protecting the front table area. Hydraulic precision drive for blade and clamping, electronically guarded front table area by safety cover, a manually operated hand wheel for fine adjustment of the back fence and an electronic digital display with an accuracy of 0.1mm. It has a large cutting capacity, an infinitely adjustable clamping pressure with display and a foot clamp for pre-pressing. There is also an optical and mechanical cutting line indicator. Side tables at the right and left side are optional, as is a front and rear air table (LT versions).

- Fully programmable
- 10 button keypad
- 500mm cutting width
- 99 programmes with 99 steps
- Micro adjust handwheel
- Powered adjustable paper clamp
- 95mm pile height
- Electro-mechanical blade drive
- Optical cutting line with bright LED's



Speed:	n/a
Dimensions:	L 1630mm x W 1400mm x H 1370mm
Electrical:	240v 50/60hz
Cutting Size:	W 550mm x D 570mm
Pile Height:	95mm
Programmes:	99 with 99 steps

EBA 721 LT

A professional power guillotine that has all the productivity features you would expect from EBA. It offers precise cutting and trimming up to 720mm wide with an insertion depth of 720mm. Standard equipment includes a fully programmable control module for the power back fence, a front and rear air table and an electronic photocell safety guard protecting the front table area. Optional right and left side tables are available as shown fitted in the picture. The programme facility enables 99 programmes to be memorised with 99 cuts per step. As a first step towards making the EBA range JDF compatible, the 721 LT has the option of a computer interface that will allow the guillotine to be programmed directly from a computer or via a usb stick.

- Fully programmable
- 10 button keypad
- 720mm cutting width
- 99 programmes with 99 steps
- Micro adjust handwheel
- Powered adjustable paper clamp
- 80mm pile height
- Electro-mechanical blade drive
- Optical cutting line with bright LED's
- USB interface

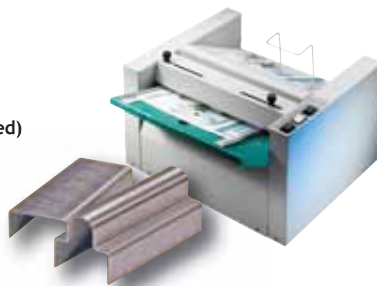


Speed:	n/a
Dimensions:	L 2100mm x W 1600mm x H 1335mm
Electrical:	3 Phase+E+N 400v 50hz 16amp
Cutting Size:	W 720mm x D 720mm
Pile Height:	80mm
Programmes:	99 with 99 steps

Foldnak M2

Ideal for implants or low volume on demand applications, the Foldnak M2 is an entry-level model that will produce finished booklets from A6 to SRA3. Can be supplied as a bench-top or free-standing unit. Can take flat staples and loop staples.

- Wide range of booklet sizes: A4, A5, A6
- Sheet size can be set within seconds
- High-quality loop staples are a standard feature (no accessories required)
- Up to 4 stapling heads can be used (2 heads are included)
- Professional, very durable stapling heads
- Expanded function: integrated edge stapling stop



Speed:	500 booklets per hour
Dimensions:	L 490mm x W 510mm x H 290mm
Electrical:	240v 50/60hz
Min Size:	148mm x 210mm
Max Size:	330mm x 448mm
Max Thickness:	1.5mm (approx 15 sheets x 80gsm)
Staples:	26/6, Ri 26/6 (Loop)

Foldnak 40

This highly popular mid-range machine produces 100 page booklets of 80 gsm paper. Simple to use and fast to set up, the Foldnak 40 is fitted with sensors that check the correct alignment of pages for optimum accuracy. It produces booklets in sizes to SRA3. Can take flat staples and loop staples.

- Wide range of formats from SRA 3 to CD booklets
- Makes booklets of up to 100 pages / 80 gsm
- Ring loops as standard feature, no resetting required
- Uses up to 4 professional, durable stapling heads



Morgana is the sole UK distributor for Foldnak bookletmakers - the world's best selling range made by Ernst Nagel. The bookletmakers cover a wide spectrum of applications. Morgana recommends genuine Nagel staples. Flat, looped and special hardened staples available.

Speed:	1500 booklets per hour
Dimensions:	L 1020mm x W 600mm x H 880mm
Electrical:	240v 50/60hz
Min Size:	120mm x 210mm
Max Size:	325mm x 450mm
Max Thickness:	2.5mm (approx 25 sheets x 80gsm)
Staples:	26/6, 26/8 S, Ri 26/6 (Loop)

Foldnak 8 & Trimmer

The Foldnak 8 is the flagship of the range, offering stapling positions at 80, 180 and 240mm centres and featuring 'Power Clenching' for a truly professional finish. It is seen here working on-line with a Foldnak trimmer, which trims the fore-edge of the document as well as pressing the spine for an extra sharp fold. It will also operate on-line with bench-top collators. The trimmer can be purchased separately and added to the Foldnak 40 or Foldnak 8.

- Wide range of formats from SRA3 down to 105 x 210mm
- Makes booklets of up to 100 pages / 80 gsm
- The patented Foldnak folding-stapling principle ensures accurate spine stapling
- Up to 4 stapling heads can be mounted at 6 possible locations
- Standard use of loop staples without resetting the machine
- Integrated on-line edge and corner stapling
- Adjustable delivery conveyor



Speed:	2000 booklets per hour
Dimensions:	L 1270mm x W 610mm x H 870mm
Electrical:	240v 50/60hz
MIn Size:	105mm x 210mm
Max Size:	325mm x 450mm
Max Thickness:	2.5mm (approx 25 sheets x 80gsm)
Staples:	26/6, 26/8 S, Ri 26/6 (Loop)

Foldnak Compact

This machine is unique in its class combining a bookletmaker with an integrated Trimmer. It has a total length of 1050mm without the belt stacker making it very compact. With an unrivalled wide range of formats (from 105mm x 210mm up to A3+) and a very short set-up time, it is particularly suited for small, medium and frequently changing run lengths in digital or offset printing. It is a highly efficient solution for digital printers who need a quick and flexible production of booklets. A4 landscape booklets can now be produced easily on the Compact making this machine unique in its class.

- Wide range of formats from SRA3 down to 105 x 210mm
- Makes booklets of up to 100 pages / 80 gsm
- The patented Foldnak folding-stapling principle ensures accurate spine stapling
- Mobile clenchers press staples flat against the paper
- Up to 4 stapling heads can be mounted at 6 possible locations
- Standard use of loop staples without resetting the machine
- Compact intergrated design
- A4 Landscape booklet production



Speed:	2000 booklets per hour
Dimensions:	L 1050mm x W 710mm x H 860mm
Electrical:	240v 50/60hz
MIn Size:	105mm x 210mm
Max Size:	325mm x 604mm
Max Thickness:	2.5mm (approx 25 sheets x 80gsm)
Staples:	26/6, 26/8 S, Ri 26/6 (Loop)

Citoborma 111

The Nagel electric drill easily and safely handles stacks of paper up to 50 mm thick and has preset hole patterns. Drilling takes place with no effort, efficiently and quickly.

- Variable, self-centering stops
- Stops for processing A3 size
- Elegant solution for drilling waste (drawer)

Over 40,000 Citoborma drills have been installed worldwide - a testament to their reliability, versatility and value for money. The range includes models of different sizes and specifications to suit all applications and to meet all budgetary requirements.



Drill diameter: 2mm - 9mm

Heads: 1

Dimensions: L 470mm x W 470mm x H 480mm

Electrical: 240v 50/60hz

Sheet Size: 350mm x 250mm

Max Thickness: 50mm

Stops: Fully adjustable and self-centering

Citoborma 190

The latest generation is the Citoborma 90 Series, which adds greater diversity to the range with features such as the unique FlexoDrill sliding table and the ability to set up pre-programmed drilling patterns in seconds. All models in the 90 series take a 60mm pile height and can be supplied for either bench top or treadle operation. This single spindle model is ideal for the smaller printer and represents outstanding value for money. The Citoborma flexible sliding table provides automatic release after each stroke and takes paper widths up to 470mm.

It provides adjustable throat depth and centring of the paper stack. It can be fixed in any required position and has a retractable left side stop for smooth and fast access.

The individually programmed tabulator bars are interchangeable.

- Quick release sliding table
- 6 pre-programmed hole patterns
- Paper width up to 470mm
- Throat depth up to 105mm
- Can be treadle mounted (Optional extra)



Drill diameter: 2mm - 20mm

Heads: 1

Dimensions: L 640mm x W 600mm x H 700mm

Electrical: 240v 50/60hz

Paper Width: 470mm

Max Thickness: 60mm

Stops: Fully adjustable and self-centering

Citoborma 290/B

The Citoborma 290 2 spindle drilling machine is designed for easy and convenient paper drilling. Drill centres are fixed at 80mm but it can also be ordered from the factory with self centering spindles that vary in position between 45mm - 160mm.

All models have a powerful motor and are suitable for professional use.

The unique FlexoDrill sliding table has a centre register system and is suitable for both standard and large formats. Six pre-set hole patterns can be selected in a matter of seconds.

The 290 can be mounted on an optional treadle unit (shown) so that it can be foot operated.

- Table top model with two fixed drill spindles
- Distance between centres: 80 mm
- 6 pre-programmed hole patterns
- Ideal for drilling a filing pattern in one stroke
- Can be treadle mounted (Optional extra)



Drill diameter:	2mm - 20mm
Heads:	2
Dimensions:	L 640mm x W 600mm x H 700mm
Dimensions:	L 640mm x W 600mm x H 1580mm (treadle)
Electrical:	240v 50/60hz
Paper Width:	470mm
Max Thickness:	60mm
Stops:	Fully adjustable and self-centering

Citoborma 490

This powerful, heavy-duty drill takes from 2 to 6 drilling heads. It features 2-speed drilling and the ability to make paper position adjustments in seconds. Options include air-cooling for drill bits and the ability to fit multi-spindle heads for work where the distance between centres is too close for adjacent heads. 3 phase power requirement.

- 2-6 drill heads, for drill bit diameters from 2-35 mm
- Throat depth of up to 270 mm permits drilling of two A4 sheets (one A3 sheet) in a single pass
- Easy drill head and drill bit replacement to reduce set-up time
- Optimum safety due to two-hand operation and safety cover
- Heavy duty
- Twin speed



Drill diameter:	2mm - 35mm
Heads:	2 - 6
Dimensions:	L 710mm x W 770mm x H 1390mm
Electrical:	3 Phase+E+N 400v 50hz 16amp
Sheet Size:	460mm x 270mm
Max Thickness:	60mm
Stops:	Fully adjustable and self-centering

Digital Flexo Cut

The unique innovation from Nagel, the DFC "Digital Flexo Cut" Machine, offers various applications such as: Die-cutting, perforating, creasing, embossing & kiss-cutting. All the above functions can be processed on the same flexible die. The principle of the machine is based on a high quality magnetic cylinder, a conveying cylinder and a flexible die-cutting form.

The magnetic cylinder allows the flexible forms to be mounted quickly and easily with registration pins for accurate head lay position.

Material such as paper, cardboard and some PE-materials up to 450 gsm can be handled by the DFC. The maximum speed of the DFC is up to 2,300 sheets per hour based on an A4 sheet.

The flexible die-cutting forms are tailor made for the DFC and to the material thickness according to the customer's graphic files (any vector graphic). You can order your die-cutting form from the manufacturer of your choice, but we can also recommend a manufacturer according to your applications. An easy to setup feeder and intuitive touch screen greatly reduce the set-up time. The DFC is particularly suited for small, medium and frequently changing running lengths in digital or offset printing.

- Touch screen display
- Menu navigation for easy operation
- Quick setup time
- Adjustable speed
- Accuracy to +/- 0.2mm
- Cross register adjustment +/- 5mm
- Total counter
- Flexible cutting dies
- 450gsm maximum weight stock



Speed: 2300 sheets per hour

Dimensions: L 3000mm x W 1100mm x H 800mm

Electrical: 3 Phase+E+N 400v 50hz 16amp

MIn Size: 90mm x 160mm

Max Size: 350mm x 500mm

Thickness: 35gsm - 450gsm

Cutting Plate: 0.80mm

Multinak FS

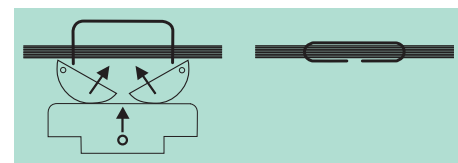
The Multinak FS is a twin-headed stapler that staples booklets and pads up to 27 mm. The machine is particularly efficient when it is used for frequently changing run lengths. The change from flat to saddle stapling is done by simply flicking over the table. The precision stapling heads ensure high reliability. Mobile clenchers press the staple ends flat against the paper to ensure strong, perfectly formed stitches. The distance between centres is adjustable between 80 and 155 mm. The Multinak FS can process 5 different staple gauges, including loop staples. Alternative stapling heads are available for pads between 15 and 27 mm.

The Multinak FS is treadle operated and will handle the same document thickness as the powered version.

- Power clenching system
- Staple up to 270 sheets 80gsm
- Loop or flat staples



Heads:	2
Dimensions:	L 750mm x W 600mm x H 1280mm
Electrical:	n/a
Staple Length:	6mm - 18mm (A heads)
Staple Length:	6mm - 30mm (B heads)
Max Size:	325mm x 450mm
Thickness:	2 sheets - 270 sheets 80gsm
Staples:	24, 26, 30 + Loop (50, B50 B heads)



Multinak S

The Multinak S is a twin-headed stapler with an electric drive that staples booklets and pads up to 27 mm. The changeover from flat to saddle stapling is made by simply flicking over the table.

The robust design of the machine and the integrated powerful and silent special gear motor make it perfect for high-volume applications. The precision stapling heads ensure high reliability. The Multinak S can process staples of 5 different wire thicknesses, including loop staples. Alternative stapling heads are available for pads between 15 and 27 mm. Mobile clenchers press the staple ends flat against the paper. The distance between centres is adjustable between 80 and 155 mm.

- Power clenching system
- Staple up to 270 sheets 80gsm
- Electric operation with foot switch



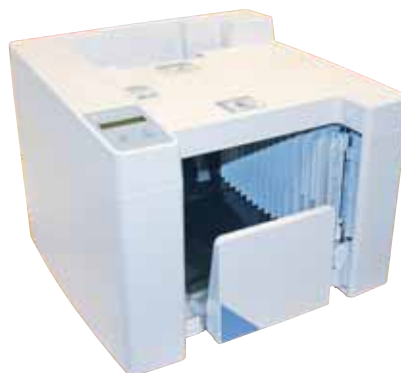
Heads:	2
Dimensions:	L 750mm x W 600mm x H 1100mm
Electrical:	240v 50/60hz
Staple Length:	6mm - 18mm (A heads)
Staple Length:	6mm - 30mm (B heads)
Max Size:	325mm x 450mm
Thickness:	2 sheets - 270 sheets 80gsm
Staples:	24, 26, 30 + Loop (50, B50 B heads)

Bindomatic 101 DFS Presentation Binding System

This high-speed, high-quality presentation binding system is capable of serving several high-speed copiers or printers at the same time. Despite its compact, desktop design, it will produce up to 1400 A4 documents per hour. It uses a cover selector to determine the correct cover width and allows documents of different sizes to be bound in the same cycle.

The finished documents are smart and durable with clear Perspex covers and a spine that is reinforced with binding gauze for extra strength. Covers are made with a double crease so they will open flat.

- Up to 1400 A4 documents per hour
- 1.5 - 15mm spine widths
- Integral book measure
- Large range of covers available including hardback and special orders
- Small footprint



Speed: 1600 documents per hour

Dimensions: L 475mm x W 511mm x H 360mm

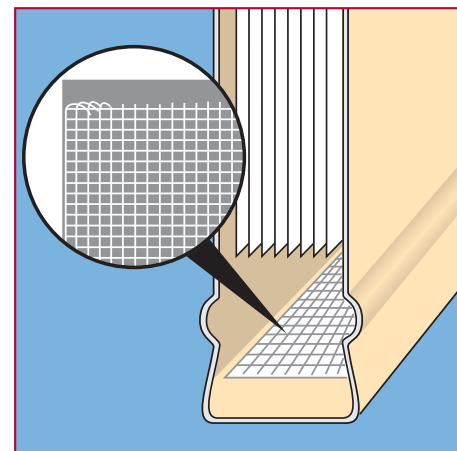
Electrical: 240v 50/60hz

Sheet Size: A4

Spine Widths: 1.5mm - 15mm



Quality binding has never been easier.
The cover selector indicates the correct spine width and, once the sheets are inserted into the cover, the 101 automatically binds the document. Ready-to-use documents are delivered to the output tray.



Rhin-o-TuffHD 7700 Ultima/HD 8370

This new heavy-duty desk-top punch has a capacity of 35 sheets of 80gsm stock. An overload trigger prevents the operator from attempting to punch too many sheets and a reversing function eliminates jams. The unit will punch documents up to 350mm wide, well in excess of A4. The punch may be operated either with a foot pedal to leave the hands free or with a conveniently positioned palm switch.

This semi-automatic wire inserter/closer is capable of closing documents with a 3-1 pitch. It allows documents up to 14mm to be bound using double loop wire and can easily be adjusted to accept different wire sizes. Operation is simple, using a magnetic back guide to hold the wire in place. The punched work is then inserted over the wire and the handle is used to close the wire around the document - all in one operation.

Picture shown with HD8370 mounted on top of the punch unit.

HD8370 can be used as a stand alone closer.

- 14" (356mm) high capacity die
- Accu set paper stop
- Automatic and manual reverse
- 3-1 easy setup closing unit
- Fully adjustable for wire size
- Full range of dies available



Speed: 90 cycles per minute

Dimensions: L 547mm x W 534mm x H 216mm

Electrical: 240v 50/60hz

Sheet Size: 356mm

Capacity: 35 sheets of 80 gsm approx

Apes 14 Stacker

The APES automatic paper ejector and stacker can increase the productivity of the heavy-duty Rhin-o-Tuff punches by as much as 50%. The APES-14, (Automatic Punching & Ejection System) enables paper that has been punched on the popular Rhin-o-Tuff HD range of punches to be automatically ejected and stacked in one pass. This greatly reduces manual paper handling and enables the user to increase output for a minimal capital outlay. Existing Rhin-o-Tuff users will also benefit as the new unit is easily fitted to their machines.

The stacker ejector will take up to 1,000 sheets of paper in sizes in excess of A4 and complements the wire inserting and binding products in the Morgana range.

- Ejects and stacks in one operation
- Increases productivity up to 50%
- Easy to install and operate



Speed: n/a

Dimensions: L 965mm x W 559mm x H 381mm

Electrical: 240v 50/60hz

Sheet Size: 140mm - 356mm

Capacity: 35 sheets of 80 gsm approx

Pics-A-Lift

This time saving device works alongside the HD-7700 punch and automatically extracts the optimum number of sheets to be fed to the punch.

- Highly accurate
- Maximises speed of punching operation
- Adjustable according to paper weight or thickness



Speed:	n/a
Dimensions:	L 470mm x W 406mm x H 356mm
Electrical:	240v 50/60hz
Sheet Size:	140mm x 356mm sheet size
Sheet Weight:	Takes stock up to 0.4mm (approx 400gsm) including laminated material

Uchida Collators - UC-1100

Offering the best price/performance package on the market, the Uchida UC1100 collator is compatible with most floor standing bookletmakers, including the Foldnak range. The UC-1100 is a ten-station collator taking a sheet size in excess of SRA3 and running at speeds to 3600 sets per hour. Features criss-cross stacking, automatic bin linking, bin programming, miss & double detection and automatic cover inserting as standard.

A useful addition to the UC1100 is the Morgana Jogger (see page 12), designed for users who need to collate and knock up SRA3+ carbonless paper.

Can be used with an optional SP-21 stapler/punch unit.

- 3600 sets per hour
- Miss & double detection
- Link to bookletmakers
- Delivers to the front or back



Speed:	Upto 3600 sets per hour A4
Dimensions:	L 740mm x W 545mm x H 1056mm
Electrical:	240v 50/60hz
Min Size:	95mm x 150mm
Max Size:	328mm x 469mm
Sheet Weight:	35gsm - 210gsm station 1 & 10
Sheet Weight:	35gsm - 160gsm station 2 to 9

Uchida F25N / F30N

The Uchida F25N and F30N are very easy to use with manually set fold plates. Both machines have a fixed folding speed but only the F30N has a counter. A self centering feed table makes loading the paper a very simple and quick operation. A clear easy to read LED display with with error lights making sure that you always stay in complete control. The fold plates are set manually but have common sizes and fold types marked on both fold plates to make setting up simplicity itself.

- 8000 sheets per hour
- LED display
- Self centering feed table
- Easy to operate



Speed:	8000 sph single fold A4
Dimensions:	L 820mm x W 530mm x H 540mm
Electrical:	240v 50/60hz
Min/Max Sheet Size:	B7 - A3 (single fold only)
Sheet Weight:	80gsm - 210 gsm approx

Uchida F43N

The Uchida F43N is a top selling universal machine. Easy to use with 36 folding patterns. It has adjustable folding speed in five steps from 3,300 - 10,080 sheets per hour. It automatically recognizes standard paper sizes when placed on the feed table. If you then select one of six major fold type buttons the folder will set the fold plates and feed two check sheets for you check before commencing the final run. The F43N has a clear easy to read LED display with a counter, speed control, fold types and error lights making sure that you always stay in complete control.

- 3300 - 10080 sheets per hour
- LED display
- Self centering feed table
- Fully automatic
- Preset fold types
- Counter & speed control



Speed:	3300 - 10080 sph single fold A4
Dimensions:	L 870mm x W 530mm x H 520mm
Electrical:	240v 50/60hz
Min/Max Sheet Size:	B7 - A3 (single fold only)
Sheet Weight:	80gsm - 230 gsm approx

EBA 5141 C/S

Equipped with an efficient, high security cutting mechanism, this is a powerful office shredder that takes up to 55 A4 sheets at a time. It is fitted with a large, 225 litre capacity shred bin.

- Large feed opening
- Auto stop start
- Powerful motor
- Safety system
- 165 litre waste bin



Sheet Width:	405mm
Dimensions:	L 640mm x W 590mm x H 1010mm
Electrical:	240v 50/60hz
Shred Type:	Cross cut/straight
Security Din:	S = 2, C = 3
Capacity:	33-35mm S, 23-25 C

EBA 5146

The EBA 5146 series provides feeding for both flat sheets and crumpled paper; the latter via a hopper. Users can choose between straight and cross-cut shredding up to security level 4. Total front access allows the unit to fit into a surprisingly small space and it has a 230 litre capacity bin.

- Hopper collection bin
- Auto stop start
- Powerful 3 phase motor
- Safety system
- 230 litre waste bin
- High capacity feed



Sheet Width:	460mm
Dimensions:	L 740mm x W 765mm x H 1700mm
Electrical:	3 Phase+E+N 400v 50hz 16amp
Shred Type:	Cross cut
Security Din:	3/4
Capacity:	55-60mm C, 29-34 C

EBA 6040

These heavy-duty shredders feature conveyor belt feeding for both flat and crumpled paper. Models are available to take anything from 80 to 160 A4 sheets and the robust cutting mechanism is unaffected by soft metal objects such as ring binders. Features include very high shredding speeds and a design that allows the side tables to be removed when not in use.

- Conveyor belt feed
- Safe to shred CD's
- Powerful 3 phase motor
- Automatic cut-off
- 300 litre waste bin
- Heavy duty



Sheet Width: 410mm

Dimensions: L 690mm x W 1700mm x H 1440mm

Electrical: 3 Phase+E+N 400v 50hz 16amp

Shred Type: Cross cut/straight

Security Din: S = 2, C = 3

Capacity: 75-95mm S, 68-78 C

This range of superbly engineered EBA shredders has been carefully selected to provide high-volume users with a choice of models to suit their particular document security needs. There are models suitable for processing different types of documents, at different speeds and using either straight cut or, for maximum security, cross-cut shredding techniques. Avoiding the security risks associated with off-site shredding, the EBA range ensures immediate and economical destruction of documents on your own premises. Full range of consumables available.

Matrix 370

The Matrix 370 is a single sided laminator that is simple to use, easy to maintain and quick and reliable.

It is a cost effective system which is perfect for the digital environment but equally at home in the litho market. Unique anti-curl presets ensures that the sheets come out smooth and flat with no curl or uplift. With a quick warm-up time and simple to use controls the Matrix 370 is a clear winner.

- 7 metres per minute
- Auto sheet register
- Anti curl bar for perfectly flat sheets
- Easy to operate



Speed:	7 metres per minute
Dimensions:	L 1800mm x W 800mm x H 1400mm
Electrical:	240v 50/60hz
Max Sheet Width:	420mm
Max Film Width:	340mm
Sheet Weight:	135gsm +

Matrix 530

The Matrix 530 is a single sided laminator that is simple to use, easy to maintain and quick and reliable.

It is a cost effective system which is perfect for the digital environment but equally at home in the litho market. It has an easy to use control panel making setup simplicity itself. With a quick warm-up time, unique anti-curl presets and a larger 550mm sheet width, the Matrix 530 is a clear winner.

- 10 metres per minute
- Auto sheet register
- Automatic separation
- Quick start up time



Speed:	10 metres per minute
Dimensions:	L 2050mm x W 900mm x H 1400mm
Electrical:	240v 50/60hz
Max Sheet Width:	550mm
Max Film Width:	500mm
Sheet Weight:	135gsm +

Morgana Service, Parts & Support

Morgana has always insisted on the very highest standards of customer care.

Services such as free delivery, installation and initial operator training, supported by on-site and workshop warranty provisions ensure that your investment is taken care of right from the start.

Morgana consumables and parts supplies are all of the best quality, with off-the-shelf delivery to keep your investment productive.

To care for your needs on maintenance, H&S inspections and emergency visits, we offer flexible contract and payment options or pay-as-you-go simplicity.

5-Star Cover is standard on all new machines.

Please contact the Service Department for more details.

Morgana service engineers are all highly trained professionals who are passionate about getting it right. With vehicles carrying a wide array of parts, latest mobile technology, route finding and service management software, Morgana expertise is quickly at your disposal nationwide.

Service: 01908 444008

service@morgana.co.uk

Parts and Consumables

Morgana has a comprehensive parts & consumables business.

We carry an extensive stock of parts and consumables for our range of machines.

Most parts and consumables can be delivered next working day.

To place your spares or consumables order please contact our spares/consumables department below.

Please note, all parts and operators manuals can be downloaded from www.morgana.co.uk



Spares/Consumables: 01908 444076

spares@morgana.co.uk

Installation

Our installation team is dedicated to ensuring that your new machine is delivered on time and effectively. Our uniformed staff drive specialist vehicles to ensure your new equipment travels safely. The vehicles are equipped with satellite navigation, tail lifts and the latest in stair-climbing equipment.

They have vast experience of all types of sites and you can rest assured your new purchase will be up and running in no time at all. Comprehensive operator training will follow by our installation team and backed up by our team of country wide dedicated engineers.

We offer a relocation service to ensure your valuable equipment is moved safely with minimal disruption to your business. If you need to relocate your equipment, please give us a call.



Contracts: 01908 444077

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All specifications are dependent on application, type of stock, temperature, RH and print engine used.

Specifications quoted were measured on uncoated and unprinted stock.

E & OE.

MOR-CB 1/12 ver 7
