morgana

BM350/500 | SYSTEM AF350/500
VF350/500 | ACF350/500

THE LATEST GENERATION OF DIGITAL BOOKLETMAKING

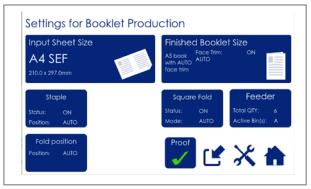
BM350/BM500

The Morgana BM350/500 a modular booklet making solution for centralized reproduction departments and commercial print providers - large and small. Customers can choose from a range of cost-effective options to support their application requirements. The system is packed with a host of unique technologies that deliver finished books with quality to match today's printing systems.

Customers are demanding more media versatility from digital print. The Morgana BM350/500 is designed from the ground up to work with today's coated, uncoated and textured paper stocks.

Key Features

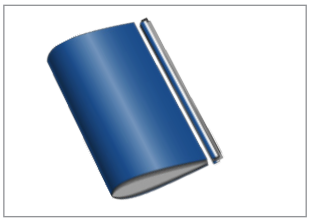
- Morgana BM500 - 200 page (50 sheet) hand fed booklet maker
- Morgana BM350 - 140 page (35 sheet) hand fed booklet maker
- Intuitive user interface
- Patented folding mechanism provides a sharp professional finish
- Book thickness measuring automatically sets the fold rollers
- Heavy duty stapling heads with 5000 staple cartridge
- Face Trimmer Module option will trim the shingle off the front of the book
- Lead edge trimmer to remove the shingle and give a clean finish
- Optional SquareFold unit to give square edged books with flatter finish.



Modular Design

Booklet Maker - the simplest configuration includes the bookletmaker and output tray to provide a simple solution to producing hand fed sets - stapling, folding and stacking.

Face Trimmer – the addition of the trimmer removes the shingled effect on the face of the folded document and provides a clean document edge.



Hand feeding - output from any print device can be manually fed through the booklet maker, face trim and squarefold modules.

Squarefold – this unit adds a square folded spine for a professional, perfect bound look to the finished book.

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SYSTEM AF350/500 | VF350/500 | ACF350/500

The Morgana BM350/500 can be equipped with one of our automatic feeders to give higher productivity and long uninterrupted runs of booklets. The ACF510 can be used to feed individual sections, pre-collated sets or indeed a combination of both. The air assisted AF602 or the vacuum VF602 dual bin feeders are designed for pre-collated sets. Each bin can be loaded separately on the run to give continuous production.

System AF350/500

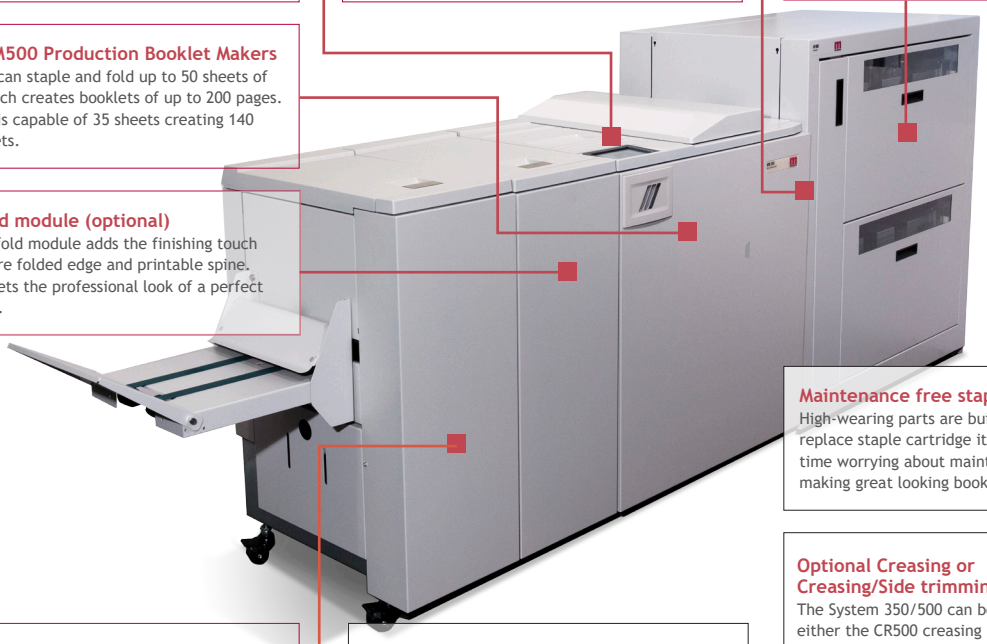
(Shown here with AF602 Feeder)

New Colour Graphical Interface
Operators are now guided through job setup with detailed graphics that can provide step-by-step guidance. Getting professional results has never been easier.

Hand feed capability
This standard feature allows output produced on other printing systems to be turned into high quality booklets.

Dual Bin Feeder
The high capacity dual bin feeder gives the ability for long uninterrupted runs of booklets. The bins can be loaded on the run with pre-collated sets from multiple print engines.

BM350/BM500 Production Booklet Makers
The BM500 can staple and fold up to 50 sheets of 80 gsm, which creates booklets of up to 200 pages. The BM350 is capable of 35 sheets creating 140 page booklets.



Squarefold module (optional)
The Squarefold module adds the finishing touch with a square folded edge and printable spine. Gives booklets the professional look of a perfect bound book.

Maintenance free staple heads
High-wearing parts are built into the easy to replace staple cartridge itself. You'll spend less time worrying about maintenance and more time making great looking books.

Optional Creasing or Creasing/Side trimming module
The System 350/500 can be enhanced by adding either the CR500 creasing module or the CST500 creasing and side slitting module. Full bleed production, the CST500 crease and side trim unit can be added. Side edges can be removed from the sheets meaning there is no need to trim the booklets in an offline guillotine prior to production.

Face Trimmer module (optional)
The Face Trimmer module trims the side opposite to the spine eliminating the "shingle" effect that occurs with thicker booklets.

Fold mechanism
A newly designed fold mechanism gives a sharp fold for every application, resulting in professional looking documents every time.

System ACF350/500

(Shown here with ACF510 Feeder)

System AF/VF 350/500

(Shown here with VF602 Feeder)

PRODUCT SPECIFICATIONS

BM350/500

Standard Paper Sizes	A4, A3, B4, 8.5x11”,
	8.5x14”, 9x12”, 11x17”,
	12x18”, SRA4, SRA3
	Custom size possible
Paper Size (Min)	Width 8.1”
	Length 10.8”
Paper Size (Max)	Width 12.6”
	Length 18”
Paper Weight	uncoated (Min) 16 lb Bond
	coated (Min) 28 lb Bond
Paper Weight (Max)	110 lb Cover
Set size (stapled folding)	2-50 Sheets BM500 (20 lb Bond)
	2-50 Sheets BM350 (20 lb Bond)
Set size (non stapled folding)	1-2 sheets
Off-line Use	Yes
Power Source	100-230V 50-60Hz
Power consumption	250W
Noise emission	62dB
Dimensions	H x W x D 39.7 x 31.9 x 29.6”

Trimmer Specification (Optional)

Minimum trimming	0.0394”*
Maximum trimming	0.984”
Power Source	From BM350/500
Standard Paper Sizes	Same as BM350/500
Dimensions	H x W x D 39.7 x 14.1 x 24.4”

The Trimmer support “multi-cut” operation. This allows customers to trim more than 0.6” to create booklet sizes down to 4”.

Squarefold Specification (Optional)

Paper Size (Max)	Same as BM350/500
Set size (stapled folding)	From BM350/500
Power Source	From BM350/500

AF602 / VF602 Dual Bin Feeders

No. of bins	2
Bin capacity	2 x 11.8”
Sheet size, max	13.75 x 26”
Sheet size, min	4.75 x 8.25”
Paper weight, max	115 lb cover
Paper weight, min	16 lb bond
Feeding Speed	Up to 15000 A4 sheets per hr
Centre registration	Yes
Air separation	Yes
Error detection	Double feed, misfeed,
	empty bin, paper jam
Dimensions incl. base,	H x W x D 50 x 40 x 27.5”
Weight	551 lbs
Connectable devices	BM2000/BM2000S, CST2000,
	BM350/500, BM350/500, CR2000
	CST500, CR500

ACF510 Bin Feeder

No. of bins	10
Bin capacity	1/8”
Sheet size, max	12.6 x 18”
Sheet size, min	4.75” x 8.25 mm
Paper weight, max	67 lb cover
Paper weight, min	14 lb bond
Collating speed	Up to 4000 sets/hour
Centre registration	Yes
Air separation	Yes
Error detection	Double feed, misfeed, empty bin, paper jam and stacker full
Receiving tray	Offset / straight stacking
Dimensions incl. base,	H x W x D 75.8 x 23.6 x 27.6”
Weight	238 lbs

System 350/500 Options

CR500 Creasing Unit
Optical Reader: OMR, Barcode & 2D
CST Creasing and Side Trimming Unit
Beltstacker

AF602: Air Assisted Feeder

VF602: Vacuum Belt Feeder

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