

Plockmatic PBM500/350

Booklet Makers

Introducing two booklet makers with specifications unmatched in the mid-range.



Plockmatic International

Plockmatic International develops, manufactures and markets an extensive range of document finishing systems sold under the Plockmatic and Morgana brand names. These products work inline or offline in concert with the world's best digital printing systems. We make booklets. We also mail, fold, crease, perforate and bind documents with extraordinary precision. Quite simply, we turn stacks of printed paper into the beautifully finished documents you use every day.

The Plockmatic PBM500/350

The Plockmatic 500/350 is a modular in-line 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 high-end printing systems.

Customers are demanding more media versatility from digital print. The Plockmatic 500/350 is designed from the ground up to work with today's coated, uncoated and textured paper stocks.

Plockmatic works closely with print engine manufacturers and workflow partners to ensure the closest possible integration of the booklet making system. This supports ease of use and allows operators of different skill levels to get the most out of the entire printing system.

Modular Design

Booklet Maker - The standard configuration includes the Booklet Maker and output tray to provide set compiling, stapling, folding and stacking capabilities.

Face Trimmer - Removes the shingled effect on the face of the folded document and provides a clean document edge.

BookFolder - Adds square folding to booklets for a professional look and printable spine.

Rotate Crease and Bleed Trimmer - Adds rotation, creasing and bleed trimming to folded booklets for a professional look.

Hand Feeding - Output from any other print device can be manually fed into the Booklet Maker to create booklets.



The Latest Generation in Digital Booklet Making

Our Latest Color Graphical Interface

Operators are now guided through job setup with detailed graphics that can provide step-by-step guidance. Producing professional booklets using all the system's features has never been easier.



PBM500/PBM350 Production Booklet Makers

The PBM500 can staple and fold up to 50 sheets, which creates booklets of up to 200 pages. The PBM350 is capable of 35 sheets, creating 140 page booklets.

BookFold Module (Optional)

The BookFold module adds the finishing touch with a square folded edge and printable spine. This gives booklets the professional look of a perfect bound book.

Cover Feeder (Optional)

The cover feeder provides another pick point for pre-printed covers. Allows easy blending of color covers with monochrome content.

RCT - Rotate Crease Trim Module (Optional)

The Plockmatic RCT Rotate Crease Trim unit provides professional looking, full bleed trimmed and creased booklets on the PBM500/350.



Face Trimmer Module (Optional)

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

Hand Feed Capability

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

Fold Mechanism

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

Maintenance Free Staple Heads

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

Specifications

MA17038
V2.5

Features

The PBM500/350 is a fully integrated booklet making system with automated workflow and job recovery. Features include:

- Production of high quality booklets at print engine rated speed
- The larger display makes set up easier so you can process more short run jobs in less time
- Up to 25 jobs can be stored in memory for easy recall
- The system can produce booklets with up to 200 pages (PBM500)
- Patented folding mechanism provides a sharp and professional looking book
- Face Trimmer Module option will trim the shingle off the front of the book
- Cover Feeder option adds pre-printed covers of up to 140 lb Index / 250gsm cover to the book
- BookFold Module option creates a more professional, flatter square fold booklet from saddle stitched booklets created on the Booklet Maker

Compatibility

- Ricoh Pro™ 8100/8200 Series
- Ricoh Pro™ C7100/C7200 Series
- Ricoh Pro™ C9100/C9200 Series

Booklet Maker Specification (Standard)

Speed	Maintain engine speed
Standard Paper Sizes	A4, A3, B4, 8.5x11", 8.5x14", 9x12", 11x17", 12x18", SRA4, SRA3 Custom size possible
Paper Size (Min)	Width 206 mm/8.1" Length 275 mm/10.8"
Paper Size (Max)	Width 320 mm/12.6" Length 457.2 mm/18"
Paper Weight uncoated (Min)	64 gsm/16 lb Bond
coated (Min)	105 gsm/28 lb Bond
Paper Weight (Max)	300 gsm/110 lb Cover
Set size (stapled folding)	2-50 Sheets PBM500 2-35 Sheets PBM350 (80 gsm/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

Rotate, Crease Bleed Trimmer Specification (Optional)

Minimum trimming	5 + 5 = 10 mm / 0.196"
Maximum trimming	30 + 30 = 60 mm / 1.181"
Power Source	100-230V 50-60Hz
Standard Paper Sizes	Same as PBM500/350
Asymmetrical trimming	Yes

Trimmer Specification (Optional)

Minimum trimming	1 mm / (0.0394")*
Maximum trimming	25 mm / (0.984")
Power Source	From PBM500/350
Standard Paper Sizes	Same as PBM500/350

The Trimmer support "multi-cut" operation. This allows customers to create a 105 mm/4.35" long booklet cut down from a larger sheet size.

*When trimming SRA3 (450 mm) Booklets minimum trimming is 5 mm, when trimming 18" Booklets minimum trimming is 9 mm.

BookFold Specification (Optional)

Paper Size (Min)	Same as PBM500/350
Paper Size (Max)	Same as PBM500/350
Set size (stapled folding)	Same as PBM500/350
Power Source	From PBM500/350

Cover Feeder Specification (Optional)

Paper Weight (Min)	64 gsm/18 lb Bond
Paper Weight (Max)	250 gsm/14 lb Index
Cover Feeder Capacity	20 mm (approx 200 sheets of 80 gsm paper) 13/16" (approx 200 sheets 20 lb Bond paper)
Power Source	From PBM500/350

The Cover Feeder dimensions are included in the Booklet maker dimensions and will not add anything more to the space.

High Capacity Belt Stacker (Optional)

Stacks up to 1000 A4 / 8.5x11" sized booklets of 4 pages



For more information please visit <http://www.plockmatic.com>