

Plockmatic 500-m / 350-m

Booklet Makers

Introducing two new booklet makers unmatched in the office and mid-range segment



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 500-m / 350-m

The Plockmatic 500-m and 350-m 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-m/350-m 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 - Available for compatible Pro-series printers - 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 guided through job setup with detailed graphics that provide step-by-step guidance. Producing professional booklets using all of the system's features has never been easier.



PBM500-m/PBM350-m Booklet Makers

The PBM500-m can staple and fold up to 50 sheets, which creates booklets of up to 200 pages. The PBM350-m 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-m/PBM350-m.



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

MA17068
V1.0

Features

The PBM500-m/350-m is a fully integrated booklet making system with automated work-flow 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-m)
- Patented folding mechanism provides a sharp and professional looking book
- Trim 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 MP C6503SP
- Ricoh MP C8003SP
- Ricoh Pro™ C5200S/C5210S

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) coated (Min)	64 gsm/16 lb Bond 100 gsm/28 lb Bond
Paper Weight (Max)	300* gsm/110 lb Cover
Set size, stapled folding (80gsm/20lb bond)	2-50 Sheets PBM500-m 2-35 Sheets PBM350-m
Set size (non stapled folding)	1-2 sheets
Off-line Use	Yes
Power Source	100-230V 50-60Hz
Power consumption	250W
Noise emission	62dB

*Up to 350gsm supported on some media

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 Booklet Maker
Asymmetrical trimming	Yes

* RCT Module only available on the Pro C5200-series

Trimmer Specification (Optional)

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

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 Booklet Maker
Paper Size (Max)	Same as Booklet Maker
Set size (stapled folding)	Same as Booklet Maker
Power Source	From Booklet Maker

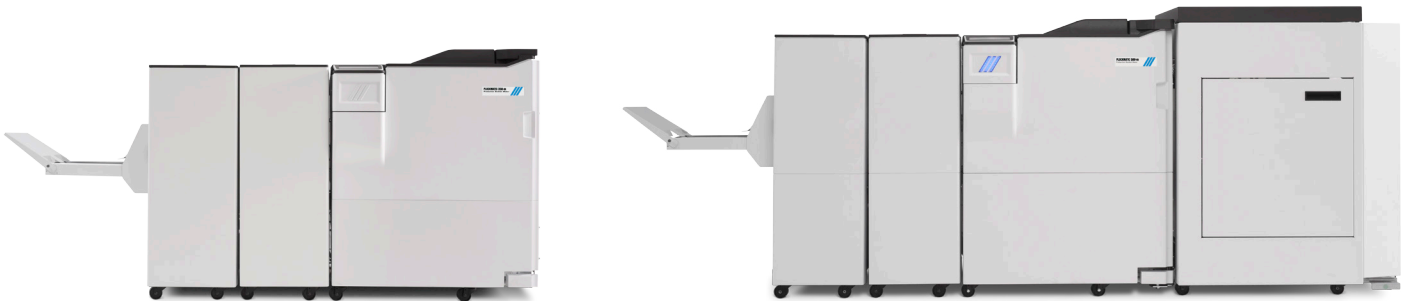
Cover Feeder Specification (Optional)

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 Booklet Maker

The Cover Feeder dimensions are included in the Booklet maker dimensions and will not enlarge the footprint of the machine.

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>