Plockmatic Group



Plockmatic 50/35 sheet family **for Ricoh** PBM500/350 and PBM500e/350e

Inline 50/35 sheet family

Finishing first.

Plockmatic Group 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 together 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 PBM family.

The Plockmatic 50 and 35 sheet systems are modular inline book-let making solutions 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 Ricoh printing systems.

Customers are demanding more media versatility from digital print. The Plockmatic 50 and 35 sheet systems are designed from the ground up to work with today's coated, uncoated and textured paper stocks.

We work closely with Ricoh and workflow partners to ensure tight integration between the booklet making system and the printer. This supports ease of use and allows operators of different skill levels to get the most out of the entire printing system. Booklets are enhanced with the BookFold finish to provide the professional look and feel of a perfect bound book.



Inline 50/35 sheet family

Face Trim Module (Optional)

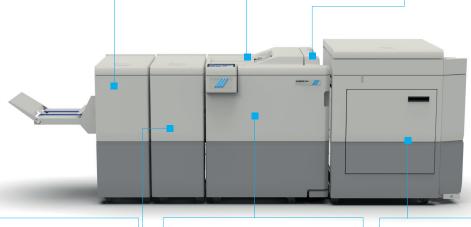
The Face Trimmer trims the side opposite the spine eliminating the "shingle" effect that occurs with thicker booklets.

PBM/PBMe Production Booklet Makers

The 500 model can staple and fold up to 50 sheets of 80 gsm, which creates booklets of up to 200 pages. The 350 model is capable of 35 sheets creating 140 page booklets.

Hand feed capability

This standard feature allows operators to drop collated sets from other printing devices into the Booklet Maker. The printer can even be running a different job at the same time.



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.

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.

RCT - Rotate Crease Trim Module (Optional)

The Plockmatic RCT Rotate Crease Trim unit provides professional looking, full bleed trimmed and creased booklets. And the rotation function maximizes productivity for small book formats.

PBM500e & PBM350e. "e" as in Enhanced.

The new generation Ricoh Print engines opens up new possibilities for digital print providers. And the new Plockmatic PBM500e and PBM350e improve the use and flexibility of the printing system as a whole.



Expanded connectivity options.

Two new Ricoh modules are compatible with the latest Plockmatic PBM500e and PBM350e. The new SR5110 improves flexibility with the Plockmatic booklet maker by supporting the full media range to the upper tray – this makes booklet maker docking and undocking less frequent. The new BU5020 Bridge Unit acts as an interface to any upstream Ricoh module. Now, customers can choose to connect either to the Ricoh High Capacity Stacker or even to the printing system itself.



Easy docking and undocking.

A new cable-free docking connector between the booklet making system and the printer makes docking and undocking simple.

Technical Specifications

Booklet Maker	
Paper Size (Min)	Width 206mm
	Length 275mm
Paper Size (Max)	Width 320mm
	Length 457.2mm
Stock Range	64 - 350gsm dependent on paper type and quality
Set Size (Stapled and folded 80gsm)	2-50 Sheets PBM500/PBM500e
	2-35 Sheets PBM350/PBM350e
Power Source	100-230V 50-60Hz
Power consumption	250W

Cover Feeder	
Stock Range	64 - 250gsm
Loading Capacity	20 mm (approx 200 sheets of 80gsm)
Power Source	From Booklet Maker

Face Trim Module	
Same as Booklet Maker	
1 mm*	
25 mm	
From 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

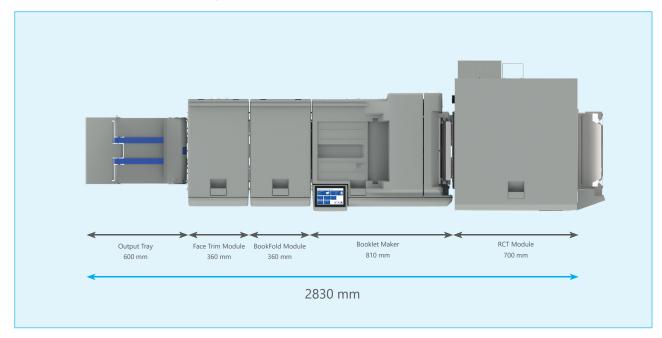
RCT Rotate Crease Bleed Trim Module		
Paper Size	Same as Booklet Maker	
Minimum trimming	5 + 5 = 10 mm	
Maximum trimming	30 + 30 = 60 mm	
Asymmetrical trimming	Yes	
Power Source	100-230V 50-60Hz	

BookFold Module		
Paper Size	Same as Booklet Maker	
Set Size (Stapled and folded 80gsm)	Same as Booklet Maker	
Power Source	From Booklet Maker	

Compatibility PBM500/PBM350	
Interfaces	SR5050
Print engines	Pro™ C7100/C7200 Series
	Pro™ C9100/C9200 Series
	Pro™ 8100/8200 Series

Compatibility PBM500e/PBM350e		
Interfaces	SR5110	
	BU5020	
Print engines	Pro™ 8300 Series	

Plockmatic 50/35 sheet family - machine footprint



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