



Plockmatic 50/35 sheet family **for Ricoh**

PBM500-m and PBM350-m

# Inline 50/35 sheet family

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## 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 booklet 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.



# 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-m                            |
|                                     | 2-35 Sheets PBM350-m                            |
| 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

|                  |                       |
|------------------|-----------------------|
| Paper Size       | Same as Booklet Maker |
| Minimum trimming | 1 mm*                 |
| Maximum trimming | 25 mm                 |
| Power Source     | 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 sheet size.

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

## 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      |

\* RCT Module only available for the Ricoh Pro C5200 Series

## BookFold Module

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

## Compatibility

|               |                         |
|---------------|-------------------------|
| Interfaces    | Ricoh SR4110 Finisher   |
| Print engines | Ricoh Pro™ C5200 Series |
|               | Ricoh MP C6503SP        |
|               | Ricoh MP C8003SP        |

## Plockmatic 50/35 sheet family - machine footprint

