

PROFESSIONAL  
BOOKLET-MAKERS



# MODULAR PROFESSIONAL BOOKLET-MAKERS



imagePRESS C850 shown with Plockmatic BLM50 and other optional accessories.

## AT-A-GLANCE

### PRODUCTIVITY

- Up to 200 page booklets (50 sheets)\* in-line
- High-capacity belt stacker
- Rotator Crease Trim Module takes advantage of print engine productivity potential
- Retrieve output during production for limitless output capacity

### QUALITY

- Square-spined booklets for professional results
- In-line creasing limits toner cracking on the spine for high-quality output\*\*
- Three-knife trimming for full-bleed booklets▲

### EASE-OF-USE

- Intuitive color touch screen user interface
- Guided set-up feature helps reduce learning curve
- On-the-fly staple position adjustment
- DFD communication to press for instant feedback

\* All paper capacity specifications and finishing capabilities based on uncoated 20 lb. Bond (80 gsm).

\*\* Requires optional Rotator Crease Trim Module (RCT).

▲ Three-knife trimming requires Rotator Crease Trim Module (RCT) and Face Trimmer Module.



# PROFESSIONALLY FINISHED BOOKLETS FOR DEMANDING PRODUCTION ENVIRONMENTS

## EXPANDED OFFERINGS

The BLM50 and BLM35 Professional Booklet-Makers are modular in-line booklet making solutions for in-plant and commercial print providers. The combination of the productivity, quality, and versatility of the imagePRESS and varioPRINT series of digital presses with the capabilities of the Plockmatic BLM50/35 allows print providers to offer full bleed, and professionally bound high-quality booklets with a higher page count than before. The 200-page\* booklet capability enables in-plants to secure more jobs internally and commercial printers to expand their offerings to a wide range of customers.

## MODULAR, IN-LINE BOOKLET-MAKING

The standard configuration includes booklet folding, stapling, and stacking, plus hand-feeding capability for offline workflows.

Print providers can also choose from a range of options including square folding, creasing, and trimming to support their customer demands. All of these technologies combine to reliably deliver professionally finished booklets that satisfy today's production requirements.

## HIGH-VALUE BOOKLETS

From the intuitive color graphical user interface to the maintenance free staple

heads, producing professional results is easy. With the Book (Square) Fold Module, the BLM50/35 produce high-quality square-spined booklets that offer the lay flat benefits of a perfect bound book and allow for printing on the spine. Their lay flat appearance provides for easier packing, stacking, and handling.

## PROFESSIONAL RESULTS

The BLM50/35 is designed to take the eye-catching output from the color imagePRESS or monochrome varioPRINT digital presses and create professional booklets on a wide range of stocks, including coated, uncoated, and textured medias. A patented fold mechanism gives a sharp fold resulting in professional-looking output. Print service providers can also optimize the appearance of booklets with the optional Rotate Crease Trim (RCT) Module. Ideal for full-color booklets on coated media, this unit limits paper and toner cracking and provides high-quality, top/bottom trimmed and creased booklets in a single pass.

## WORKFLOW FLEXIBILITY

The BLM50/35 in-line configuration helps automate production, freeing press operators to do other work. At the same time, the hand-feeding capability delivers expanded flexibility allowing for prints from offline systems to be manually fed.



## KEY FEATURES



### BROADER APPLICATION LATITUDE

Producing up to 20,000 booklets per month of up to 200 pages\* (50 sheets) allows printers to accept more jobs and expand their job offering.



### MODULAR DESIGN

Modular design and choice of 35 or 50 sheet versions allow the booklet-maker to be configured for varying environments. The ability to easily upgrade from BLM35 to BLM50 allows to expand capabilities as business opportunities grow.



### HAND-FEED CAPABILITY\*\*

This standard feature allows pre-printed and collated output produced on other printing systems to be manually fed through the system to the booklet-maker, which adds flexibility to the workflow.

Function	imagePRESS C850 Series	varioPRINT 140 Series
<b>Saddle Stitch</b>		
Up to 50 Sheets	BLM50	BLM50
Up to 35 Sheets	BLM35	BLM35
Square Fold	Optional	Optional
Front Trim	Optional	Optional
Top/Bottom Trim	Optional RCT Module	N/A
Creasing	Optional RCT Module	N/A
Sheet Rotation	Optional RCT Module	N/A

\* 20 lb. Bond (80 gsm).

\*\* Hand-fed sets cannot be creased or trimmed on the top or bottom.

## SPECIFICATIONS

### COMPATIBILITY

<b>Compatible Engines:</b>	imagePRESS C10000VP/C8000VP imagePRESS C850/C750 varioPRINT 140/135/115
<b>Supported Digital Front-Ends:</b>	PRISMAsync Print Server R5.1 or higher imagePRESS Server H300 imagePRESS Server G100
<b>Required Connectivity:</b>	High-Capacity Stacker-HI DFD Interface Kit-A1 DFD PATH-B1

### FINISHING DEVICES

#### Booklet Maker (Required)

##### Paper Sizes

Standard: 8.5" x 11", 8.5" x 14", 9" x 12", 11" x 17", 12" x 18"

Min. (W x L): 8.1" x 10.8"

Max. (W x L): 12.6" x 18"

##### Paper Weight

Min.: Uncoated 16 lb. Bond (64 gsm)/  
Coated 28 lb. Bond (105 gsm)<sup>▲▲</sup>

Max.: 130 lb. Cover (350 gsm)

##### Set Size

(Stapled, Folded, 20 lb. Bond/80 gsm)

BLM50: 2 to 50 sheets

BLM35: 2 to 35 sheets

(Non Stapled, Folded)

BLM50: 1 to 2 sheets

BLM35: 1 to 2 sheets

##### Off-line Use:

Yes

##### Sheet Collating

Speed: Maintains Engine Speed

<b>Noise Emission:</b>	62 dB
<b>Weight:</b>	341.4 lb. (155 kg)
<b>Dimensions (W x D x H):</b>	57.9" x 28.8" x 41.4"
<b>Power Source:</b>	100-230 V 50-60 Hz
<b>Power Consumption:</b>	250 W

### FINISHING ACCESSORIES

#### Rotate Crease Trim Module (RCT)<sup>▲▲▲</sup>

<b>Paper Sizes:</b>	Same as BLM50/35
<b>Trimming</b>	
Min.:	0.196" on both sides
Max.:	1.18" on both sides
<b>Asymmetrical Trimming:</b>	Yes
<b>Weight:</b>	462.6 lb. (210 kg)
<b>Dimensions (W x D x H):</b>	8" x 33.8" x 42.5"
<b>Power Source:</b>	100-230V 50-60Hz

#### Face Trim Module<sup>\*</sup>

<b>Standard Paper Sizes:</b>	Same as BLM50/35
<b>Trimming</b>	
Min.:	0.039" (1 mm) <sup>**</sup>
Max.:	0.98" (25 mm)
<b>"Multi-Cut" Operation:</b>	Supported <sup>***</sup>
<b>Weight:</b>	160.8 lb. (73 kg)
<b>Dimensions (W x D x H):</b>	14.2" x 28.8" x 41.4"

## Plockmatic BLM50/35

**Power Source:** From BLM50/35

#### Book (Square) Fold Module<sup>\*</sup>

<b>Paper Size (Min.- Max.):</b>	Same as BLM50/35
<b>Set Size:</b>	Same as BLM50/35
<b>Weight:</b>	154 lb. (70 kg)
<b>Dimensions (W x D x H):</b>	14.2" x 28.8" x 41.4"
<b>Power Source:</b>	From BLM50/35

#### Cover Feeder Module<sup>\*\*</sup>

<b>Paper Weight</b>	
Min.:	16 lb. Bond (64 gsm)
Max.:	93 lb. Cover (250 gsm)
<b>Cover Feeder Capacity:</b>	0.79" (20 mm, approx. 200 sheets of 80 gsm paper)
<b>Dimensions:</b>	Included in the Booklet-Maker dimensions.
<b>Power Source:</b>	From BLM50/35

### OUTPUT ACCESSORIES

#### High-Capacity Belt Stacker<sup>\*</sup>

<b>Max Capacity:</b>	Stacks up to 1000 LTR size booklets of 4 pages
<b>Weight:</b>	154 lb. (70 kg)
<b>Dimensions (W x D x H):</b>	68" x 17" x 25-41.7" <sup>▲</sup>
<b>Power Source:</b>	From BLM50/35

#### Trim Waste Conveyor Belt<sup>▲▲▲</sup>

<b>Weight:</b>	66 lb. (30 kg)
<b>Dimensions (W x D x H):</b>	88.6" x 25.6" x 39.4"
<b>Power Source:</b>	Not Required

<sup>\*</sup> Optional.

<sup>\*\*</sup> When trimming 18" booklets minimum trimming is 0.35" (9 mm).  
<sup>\*\*\*</sup> This allows customers to create a 4.13" (105 mm) long booklet cut down from a larger sheet.

<sup>▲</sup> Covers fed through the cover feeder cannot be created or trimmed on the top or bottom.

<sup>▲</sup> Height is adjustable. Recommended to install at Face Trimmer output tray height of 27.1".

<sup>▲▲</sup> Not compatible with varioPRINT 140.

<sup>▲▲▲</sup> Option for Rotate Crease Trim Module (RCT).

- 1 Booklet Maker (Mandatory)
- 2 Intuitive Color Graphical Interface
- 3 Cover Feeder Module (Optional)
- 4 Book (Square) Fold Module (Optional)
- 5 Face Trimmer Module (Optional)
- 6 Rotate Crease Trim Module (RCT) (Optional)<sup>▲▲</sup>
- 7 BST4000-1 High-Capacity Belt Stacker (Optional)
- 8 Trim Waste Conveyor Belt (Optional)<sup>▲▲</sup>



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