PLOCKMATIC BLM450e/435e



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Plockmatic Group

SCALABLE BOOKLET MAKING FOR DIVERSE PRINT DEMANDS

The Plockmatic BLM450e/435e Professional Booklet-Makers are highly efficient, modular, inline finishing solutions designed to significantly increase productivity for in-plant and commercial print providers. Combining the high-speed output and quality of the imagePRESS V Family and varioPRINT 140 series QUARTZ production digital presses with Plockmatic's advanced capabilities can allow print providers to efficiently deliver high-volume, professionally bound booklets with an impressive page count. This powerful solution even supports long sheets[1] to offer creative formatting flexibility, allowing for both SEF (Short Edge Feed) and LEF (Long Edge Feed) booklets to be produced in a single, streamlined system.

From the intuitive, color graphical user interface to easy staple head replacement, achieving professional results is what can make this solution a great match for imagePRESS and varioPRINT. The inline configuration helps automate production to optimize efficiency and free press operators for other work, while a convenient hand-feeding[2] capability delivers the flexibility to manually process offline sets.

Additionally, the system is highly scalable to meet diverse customer demands. By adding the Finishing Module[2], you can face-side trim and square-fold booklets for a premium, lay-flat finish. Upgrading further with the RCT 3.0[2] can scale your capabilities even more, enabling the production of stunning, full-bleed professional booklets in a wide variety of formats.



KEY FEATURES

- **High-Capacity Production:** Create professional square-folded booklets of up to 140 or 200 pages.[3]
- **Active Sheet Management:** Drive rollers maintain contact with sheets all the way to the fold gate for high reliability.
- **Streamlined Setup:** DFD+ communication helps reduce manual programming steps for faster job turnaround.
- **Format Flexibility:** Produce eye-catching booklets in portrait or landscape orientation.
- **Premium Edge-to-Edge Finish:** Deliver high-quality, professional, full-bleed square-fold results.[4]
- **Robust Media Performance:** Create a wide variety of professional booklet applications with high productivity and consistent output.
- **Manual Feed Flexibility:** Hand-feed sets[2] or attach the VFX Feeder[2] to produce booklets offline.

PLOCKMATIC BLM450e SERIES

FINISHING MODULE FM400E[2]

This efficient all-in-one module can reliably face-trim over 9" off the side and square-fold booklets in a single unit, significantly enhancing your finishing capabilities and booklet productivity.

BOOKLET MAKERS

Offering added versatility across a variety of formats, the BLM450e can process up to 50 sheets to create 200-page[3] booklets, while the BLM435e is capable of handling up to 35 sheets to produce 140-page[3] booklets.

HAND-FEED BRIDGE[2]

To increase flexibility for offline workloads, a convenient hand-feeding capability allows pre-printed output from other systems to be efficiently transformed into high-quality booklets.



FOLD MECHANISM

The effective folding mechanism delivers a sharp, precise fold across a variety of booklets to help provide consistent reliability and professional-looking results.

MAINTENANCE-FREE STAPLE HEADS

High-wearing parts are built into the easy-to-replace staple cartridge itself. Designed so you can spend less time worrying about maintenance and more time making great-looking booklets.

RCT 3.0 (ROTATE CREASE TRIM MODULE)[2]

Designed to boost productivity, this module can rotate small sheets for fast processing, crease stocks to help limit toner cracking, and provide top and bottom trimming to help you produce professional, full-bleed booklets.

Specifications

BLM435e/ BLM450e	**Compatible Engines**	imagePRESS V900 II /V800 II /V700 II imagePRESS V1000 imagePRESS V1350 varioPRINT 140 Series QUARTZ
	Required Connectivity:	High-Capacity Stacker-J1 or DFD Adapter and Finisher Bridge-B1
	Booklet Sheet Count[3]	
	BLM450e:	2 to 50 Sheets
	BLM350e:	2 to 35 Sheets
	Paper Sizes	
	V900 II Series:	5.7" x 8.3" to 12.6" x 26"
	V1000:	5.7" x 8.3" to 12.6" x 26"
	V1350:	7.2" x 8.3" to 12.6" x 26"
	QUARTZ:	5.7" x 8.3" to 12.6" x 19.2"
	Paper Weight	
	Minimum:	16 lb. Bond
	Maximum:	110 lb. Cover
	Top/Bottom Trim[4]	
	Minimum:	0.196", Both Sides
	Maximum:	1.18", Both Sides
	Face-Side Trim[4]	
	Minimum:	0.079"
	Maximum:	9.09"
	Options:	FM400e Finishing Module RCT 3.0 Hand Feed Bridge Unit Universal Antistatic Kit Waste Conveyor Module Waste Conveyor Module 2.0







imagePRESS V1000 shown with optional accessories.

[1] varioPRINT 140 Series QUARTZ supports up to 12.6" x 19.2".
[2] Optional module.
[3] Capacity based on 17 lb. Bond.
[4] Optional accessories required.

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