



BLM5000 Series **for Canon**

Plockmatic BLM5000 Series

A new kind of booklet making system that combines **robust** and **reliable** performance with a **new** range of applications, including **landscape format, 2-up and more.**



Plockmatic BLM5000 Series

Add our signature **square fold finish** to **letter sized landscape** format documents for the appearance of a perfect bound book.

Built from the ground up for more formats

Digital presses can now produce more documents in a wider range of formats than ever before. And print operations face the challenge of producing more jobs with shorter run lengths profitably. Professional, cost-effective and versatile inline solutions are a critical success factor.

The all new Plockmatic BLM5000 series is a flexible booklet making solution for mid-to-high volume production environments. It provides high quality booklets in a wider range of sizes than ever before. And does this with a great return on investment.

Canon production printing systems support long sheets. Combined with the new BLM5000 series, you no longer need expensive and complex equipment to produce landscape and oversize booklet formats. You can now give your customers more ways to tell their stories.

Staple or Stitch production

The booklet maker is available in four versions - the BLM5050 and BLM5035 with two maintenance free staple heads and the BLM5050s and BLM5035s with up to four stitching heads.

Customers can further tailor their system to finish an even wider variety of two up booklet sizes. The stitching version also helps optimise media usage, increase throughput and decrease turnaround time by enabling 2-up printing of smaller sizes.

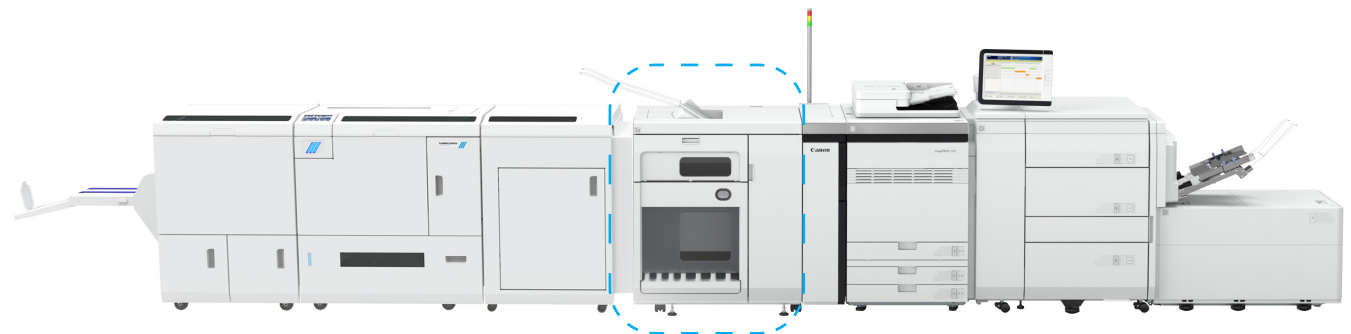


Plockmatic BLM5000 Series

Key Features

- Makes Letter sized full bleed square folded landscape booklets
- An "S" version available with stitch heads for heavy production sites
- Makes professional stapled or stitched and square folded booklets up to 200 pages (or up to 140 pages). Available in a 35 or a 50 sheet version
- Configured with 2 or 4 stitch heads for more production-oriented sites.
- Supports up to 130 lb. cover media, coated or un-coated, for a wide variety of applications
- SquareBack and Bleed trim capabilities
- In-line system is fully integrated with Canon document systems for easy operation
- Off-Line mode enables manual booklet making
- An optional Convenience Feeder with a capacity of up to 800 sheets can be used to feed covers, or used as an alternative feed point.

The BLM5050/5035 attaches after the Canon High Capacity Stacker, or to the Finisher Bridge B1 via the DFD interface. The Bridge and Adaptor are only required when you need a corner stapling device such as the AG1/AF1.



Canon High Capacity Stacker

Plockmatic BLM5000 Series

Color graphical interface

Operators are guided through job setup with detailed graphics that can provide step-by-step guidance. Getting professional results has never been easier.

Hand feed capability

This standard feature allows operators to easily drop complete collated sets produced on other printing systems into the Inline Booklet Maker.

Canon print engines

The BLM5000 series is designed to be configured with the latest generation of Canon printing systems.



Finishing module - Now standard

The Finishing module now places both Squarefolding and Face Trim capabilities in one single module - and is standard. It adds the finishing touch with a square folded edge and printable spine. Give booklets the professional look of a perfect bound book.

Staple and Stitch options

The Booklet Maker is available with either two staples heads or up to four ISP stitching heads.

BLM5035/BLM5050 Production Booklet Makers

The BLM5050/BLM5050s can staple and fold up to 50 sheets of 20lb bond, which creates booklets of up to 200 pages. The BLM5035/BLM5035s is capable of creating up to 35 sheets or up to 140 page booklets.

Convenience Feeder (Optional)

A new optional Convenience Feeder is available with a capacity of up to 800 sheets. It can either feed pre-printed covers or turn collated, pre-printed sets into booklets while the printer runs another job. Gets the most out of your Canon system.

Canon Finisher Bridge B1 / DFD interface

RCT 3.0 rotate/crease/side trimming module (Optional)

The BLM5000 series can be enhanced with the latest generation RCT 3.0 for sheet rotation, creasing and side slitting. It creates bleed trimmed booklets "on the fly" eliminating the need for a guillotine prior to production. Covers can be creased to avoid cracking of toner on the spine.



Plockmatic BLM5000 Series

The **BLM5000 series** is **compatible with** the following Canon **imagePRESS** print engines:

The BLM5000 series booklet maker is a powerful and versatile finishing solution designed to work with mid and high volume production printing systems. It delivers booklets of exceptional quality and is able to feed the long printed sheets to produce a variety of applications, including letter landscape booklets, which is becoming an increasingly important expectation of the market.



V1000



V1350

Plockmatic BLM5000 Series – VFX Feeder

Inline or Offline using the same inline module.



This makes the system incredibly versatile. The BLM5000 can not only be installed inline with a Canon printer, it can now also be installed with a Plockmatic VFX feeder as an Offline or Nearline configuration. Start off with an inline configuration and then transition to an offline configuration at a later stage if that suits your workflow better, this means that you no longer need to decide in advance if you want an inline or offline solution.

VFX Feeder

The VFX is a high capacity Vacuum Feeder capable of efficiently feeding a wide range of paper types and weights up to 15,000 sheets per hour. It's equipped with highly automated vacuum feed technology specifically designed to handle the widest range of pre-printed media. You can achieve maximum productivity with the Automatic Tray Switching feature, this enables long unattended runs and the loading of empty trays during a run.

The main sections of the VFX are the two loading trays. Each tray is equipped with vacuum feed technology and two types of double sheet detection sensors. Anti-static bars are available as an optional addition to the machine and are highly recommended for use in static environments or non-climate-controlled environments where humidity is low.

The VFX contains two vacuum paper trays, the two-tray configuration allows for loading empty trays during a run, which results in uninterrupted production. Each tray has a capacity of 2700 sheets 20lb bond for a total machine capacity of 5400 sheets.

Automatic Tray Switching

Maximum productivity for longer jobs is achieved through Automatic Tray Switching, this enables long unattended runs and the loading of empty trays during a run.

1D and 2D Barcode reader kit

The VFX can be equipped with an optional Barcode reading kit. The barcode kit enables variable page count jobs and ensures set integrity when document accuracy is critical.

The barcode option for the VFX feeder takes the NearLine workflow to a new level. With 2 readers (1 in each tray) every sheet feed is monitored and provides set integrity and feeding information to the booklet making system. Sheets could be fed from both trays and set size could vary anywhere within the booklet makers capability.

Key features

- 5400 sheet capacity High Capacity Vacuum Feeder
- Utilizes latest vacuum feed technology
- Adaptive Fan Control automatically adjusts air flow for varying media sizes and weights
- Advanced double sheet detection with infrared and ultra sonic sensors
- Two tray configuration allows for loading paper during jobs and uninterrupted production
- Enhanced performance on thin media
- Enhanced performance on difficult curled media
- Altogether, the feeder's automated technology allows it to feed a wide range of today's media with little or no operator adjustment



Technical Specifications

BLM5035 / BLM5050 - Staple version

Paper Size	Min: 8.11" x 8.3" Max: 12.6" x 24.4"
Stock Range	18 lb. Bond to 130lb bond dependent on paper type and quality
Book Thickness	Minimum set thickness - 1 sheet 20lb bond (when folded makes a 4 page leaflet) Maximum finished book thickness - 0.39" (approx 200 pages 20lb bond) Maximum set thickness - 0.13" and 0.2" (approx. 35 sheets and 50 sheets of 20lb bond)
Stapling	2 low impact staple heads with moving clinchers.
Staples per cartridge	5000

Connectivity

Canon Print Engine Family	imagePRESS V1000, imagePRESS V1350* *Not available at launch.
Interfaces	Canon Finisher Bridge B1 / DFD interface and Canon High Capacity Stacker

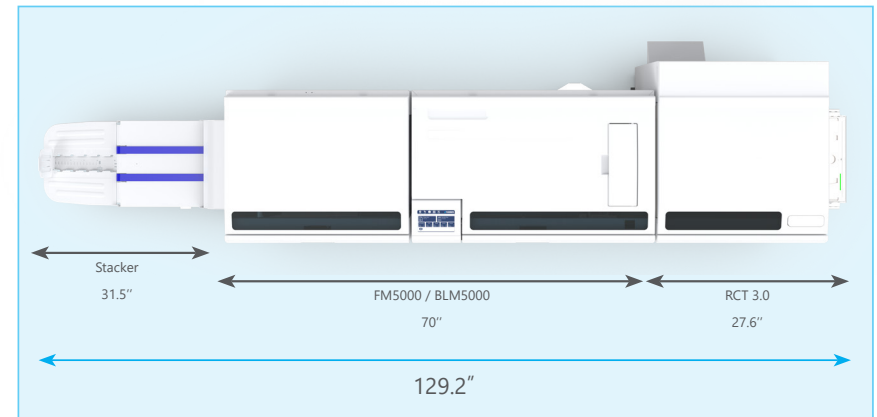
VFX Feeder

Load capacity	5400 sheets
Stock weight	18 lb. Bond to 130lb
Power source	100-240V +6 - 10% (50-60Hz)
Power consumption	650W
Sheet size: max	12.5" x 24.4" with BLM5000 13" x 24.4" with RCT

BLM5035s / BLM5050s - Stitch version

Paper Size	Min: 4.72" x 8.27" (5.85" x 8.27" with RCT) Max: 12.6" x 24.4"
Stock Range	18 lb. Bond to 130 lb dependent on paper type and quality
Book Thickness	Minimum set thickness - 1 sheet 20lb bond (when folded makes a 4 page leaflet) Maximum finished book thickness - 0.39" (approx. 200 pages 20lb bond) Maximum set thickness - up to 0.13" and up to 0.2" (up to 35 sheets and up to 50 sheets of 20lb bond). For paper sizes narrower than 5.83", max set thickness is reduced to 30 sheets 80gsm plain paper or 0.11"
Stapling	2-4 ISP Stitch heads

BLM5000 Series - Machine footprint



*Disclaimer As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock, temperature, RH and print engine used. Specifications quoted were measured on uncoated and unprinted stock. E & OE.