

 Plockmatic Group



Plockmatic Pro450 and Pro435
for Xerox

www.plockmaticgroup.com

Plockmatic Pro450 and Pro435

Compact booklet making system, combines **robust** and **reliable** performance with a **new** range of **applications, including landscape format**



Bookletmaking made easy

The Pro450/435 is a versatile booklet maker designed to work with low to mid volume digital production printers. It delivers booklets of exceptional quality and is able to feed the new long printed sheets to produce a variety of applications. This includes Letter size landscape booklets, which is becoming an increasingly important customer expectation.

The new system architecture enables customers to produce high quality booklets from A6 to Letter landscape, and has all the key processes needed to produce corner and edge staple, folding, spine forming, and full bleed trimming. All combined in one single, easy to use system. This new bookletmaker offers the ability to produce long sheets applications while maintaining the small and compact size of the system it replaces.

Plockmatic Pro450 and Pro435

Add our **signature squarefolded** finish to **11" x 8.5"** **landscape format** documents

Key Features

- Square folded booklets from A6 to Letter Landscape and beyond
- Corner stapled documents in portrait Letter size
- Edge stapled documents in portrait and landscape Letter size
- Up to 140 or 200-page booklet capacity
- Supports up to 26" long sheets without RCT 3.0 or 24.4" with RCT 3.0
- Average monthly volume of 30k booklets
- Max monthly volume of 40k booklets

Deliver high quality applications

The base unit folds and staples booklets and corner or edge stapled sets up to 140 pages (35 sheets). The Pro450/435 uses the latest patented Plockmatic technologies to deliver top quality output in a wide range of print applications. The set positioning mechanism enables the operator to easily adjust the staple and fold position on the fly.

User Interface

Simple to use 7" touchscreen graphical interface with easy job setup and adjustment of applications.

Skew adjustment for a perfect result

The new generation Plockmatic booklet makers help operators achieve better results than ever before. A new set compiler allows for higher precision folding and control with adjustable Skew compensation.

Closer integration

The updated DFA communication interface makes the booklet maker and print engine more aware of each other. The booklet maker can save operator error by correcting for incorrectly set paper sizes. It also features a new "Auto Paper Size" mode for customers requiring on-demand job queues.

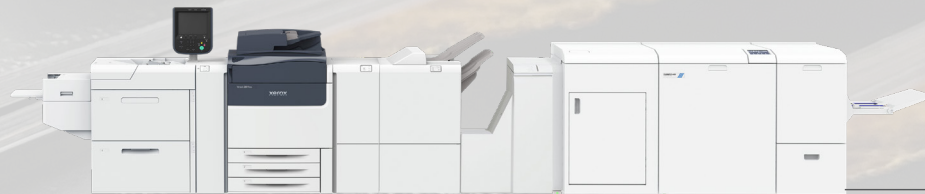


Plockmatic Pro450 and Pro435

The **Pro450 and Pro435** is **compatible with** the following Xerox print engines:

The Pro450/435 booklet maker is a powerful and versatile finishing solution for low-to-mid size centralized reprographic departments (CRD) and commercial print environments. The new architecture enables new powerful features, the Pro450/435 now brings heavy production-like features to the continuously growing low to mid-production segment.

An innovative and compact booklet making system, the Plockmatic Pro450/435 booklet makers combine optimum book quality with robust and reliable performance. All the key processes needed to produce high quality booklets: stapling, folding, spine forming, and full bleed trimming are combined in a single, easy to manage system.



Versant 280



Versant 4100

Plockmatic Pro450 and Pro435

RCT Rotate Crease Trim module (optional)

The RCT module will crease the cover of the booklet and trim the edges of each sheet enabling full bleed applications to be produced right from the printer. The module will turn smaller sheet sizes allowing them to be printed in "portrait" mode for higher productivity.

Pro450/435 Production Booklet Makers

The Plockmatic Pro450 and Pro435 can Staple and Fold Booklets up to 50 or 35 sheets. From A6 booklets all the way to Letter size Landscape and more. It can also corner and edge staple documents for an even wider range of applications.

Finishing Module (optional) FM400

The Finishing module combines both Squarefolding and face trimming in a single, compact module. The moving face trimmer knife has increased the maximum trim range to create booklets down to 99mm wide – in a single cut. The result is a smaller module with higher capabilities and processing speed.



Staple and Fold mechanism

A completely new staple and fold mechanism gives a sharp fold for every application. With the new Skew Adjustment, operators can compensate for poorly cut paper directly in the User Interface, resulting in professional looking documents all the time.

Maintenance free staple heads

High-wearing parts are built into the easy to replace staple cartridge itself. You'll spend less time worrying about maintenance and more time making great looking booklets.

Hand feed capability

This standard feature allows output produced on other printing systems to be turned into high quality booklets.

Plockmatic Pro450 and Pro435

Compact booklet making system, includes **corner** and **edge stapling** function as **standard**.

Stapling

A heavy duty staple mechanism designed for consistency and durability is maintenance free thanks to a patented solution that eliminates periodic service intervals. The Pro450/435 has a patented "set positioning mechanism" that allows the operator to adjust the staple position from the user interface in the direction of travel.

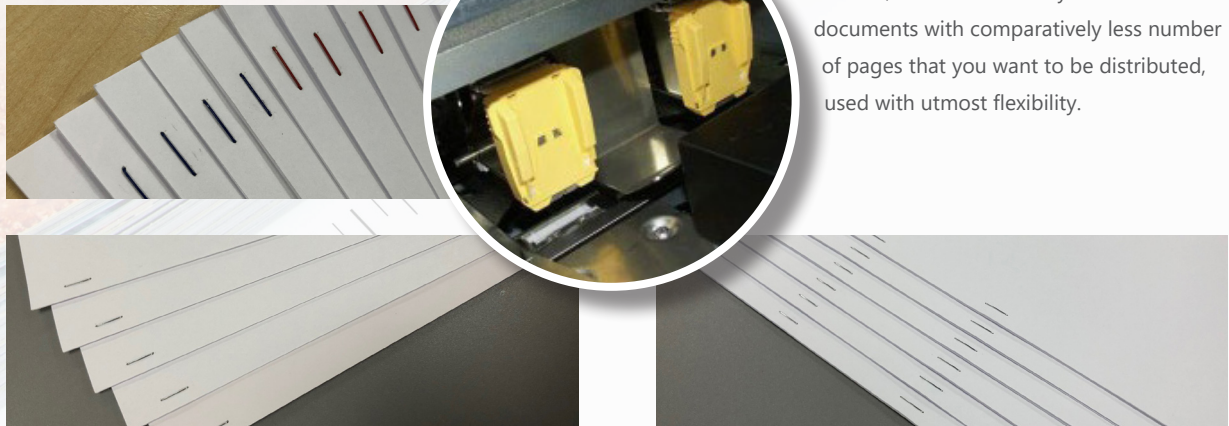
Adjustable Skew compensation helps users compensate for poorly cut paper or shrinkage during the printer fusing process directly in the User Interface.

Edge stapling

This simple and quick binding option is perfect for documents that are meant for short-term use. Edge stapling is fast and easy, an ideal option for offices, schools, copy shops and printheads with mainly small-volume jobs.

Corner stapling

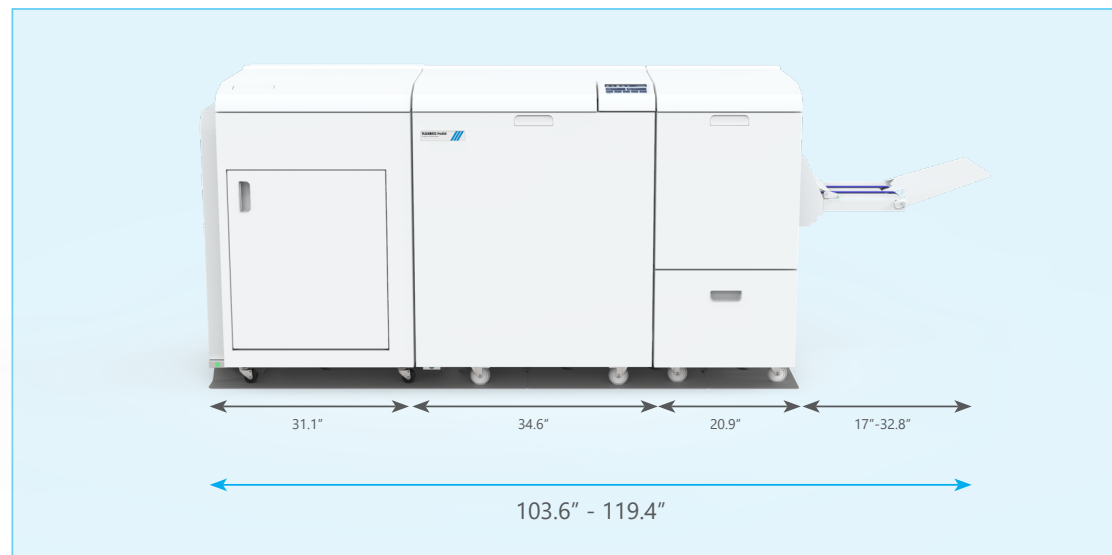
Corner stapled binding is one of the most economical binding methods for your documents, easy to handle and store. Perfect for leaflets, official handouts, newsletters or any other documents with comparatively less number of pages that you want to be distributed, used with utmost flexibility.



Technical Specifications

Pro450 and Pro435	
Paper sizes	Min 5.7" x 8.3", Max 12.6" x 26" (Max 13" x 24.4" with optional RCT)
Finished book sizes before trimming	Min 4.14" x 5.7", Max 12.6" x 13" (Max 12.6" x 12.2" with optional RCT)
Finished book sizes after trimming	Min 3.9" x 5.7", Max 12.6"x 12.1" (Min 3.9" x 5.82", Max 12.6"x 12.1" with optional RCT)
Stock range - booklets	17lb bond - 110lb cover depending on media type, up to 130lb cover on certain media
Stock range - edge stapling	20lb bond - 32lb bond
Stock range - corner stapling	20lb bond
Book thickness (folded with staples)	Pro435: 2-35 sheets, Pro450: 2-50 sheets (17lb bond)
Book thickness (folded without staples)	Up to 2 sheets
Face trimmer range	0.079" to 9.09"
Bleed Trimmer	Integrated in optional RCT module, slitter type
Bleed trimmer range	0.20" – 1.18" on each side
Creasing:	Two tools: fine and coarse creasing profiles, possibility to crease Cover and/or Center sheet
Rotation (compatible standard sizes)	Integrated in optional RCT module for smaller sheet sizes (8.5" x 11" and 9" x 12")
Xerox Compatibility	Versant 280 Versant 4100

Pro450/435 - Machine dimensions





About us

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.

Plockmatic works closely with Xerox and workflow partners to ensure the easiest possible integration of the booklet making system. With new simplified programming, this makes it easy to use and allows operators of different skill levels to produce a wide range of booklets efficiently.

Contact

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*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.

