Plockmatic Group





Product range brochure

Plockmatic Stacking and Finishing Solutions

for Konica Minolta

www.plockmaticgroup.com

Index

Booklet Makers

SD-450e and SD-435e Booklet Makers

VFX High Capacity Feeder

Stacking Solutions

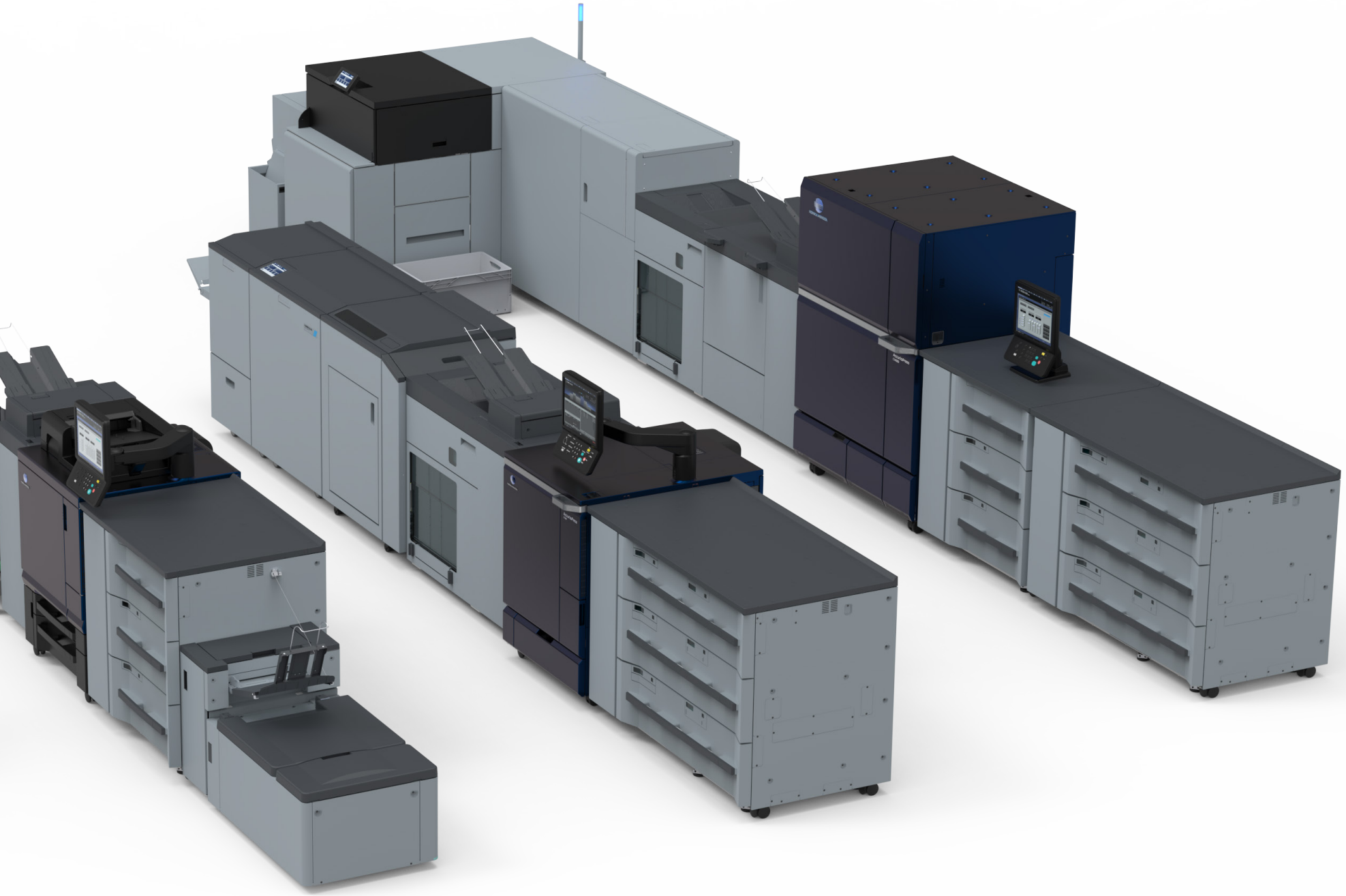
MPS XL Multi-Purpose Stacker

Automatic Die-Cutter

SC6500 Digital Die-Cutter

Specifications







Plockmatic SD-435e and SD-450e

Compact booklet making system, combines **robust** and **reliable** performance with a **new range** of applications, including landscape format. Now up to 47% faster.[2]

Add our **signature squarefolded** finish to **Letter size landscape** format documents





Bookletmaking made easy

The SD-450e and SD-435e are versatile booklet makers designed for low to mid-volume digital production environments. Together, they deliver booklets of exceptional quality and is able to feed the new long printed sheets to produce a variety of applications, including A4 landscape booklets, which is becoming an increasingly important expectation of the device.

All production features like folding, spine forming, and full bleed trimming, are combined in one single, easy to use system. Its multi-purpose nature also allows for other finishing applications such as corner and edge staple documents. The new 50 Sheet Performance Kit radically improves productivity to **over 1000 booklets**

Plockmatic SD-435e and SD-450e

This new bookletmaker offers the ability to **produce long sheet applications** while maintaining the **small** and **compact** size of entry level finishers.

Deliver high quality applications

The latest generation booklet makers combine proven performance with enhanced productivity, delivering high-quality output for a range of applications. The booklet making productivity has been significantly improved compared to previous generation:

- Up to 8% faster on the SD-435e[1]
- Up to 47% faster on the SD-450e with the new 50 Sheet Performance Kit[2]

The result is a production rate of **up to 752 booklets per hour**[1] for the SD-435e and

50 Sheet Performance Kit

The additional boost in productivity of the SD-450e is made possible by the optional 50 Sheet Performance Kit. This kit not only increases productivity but also extends booklet capacity to 50 sheets of 80 gsm paper (up to 200 pages), compared to the standard 35 sheets on the SD-435e. The sheet capacity also allows for production of high-page number booklets with thicker media.

Key Features

- Square folded booklets from 5.8" x 4.1" to Letter size 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
- Average monthly volume of 30k booklets
- Max monthly volume of 40k booklets



[1] Productivity numbers based on SD-435e and Konica Minolta AccurioPress 7136, compared to SD-450 and Konica Minolta AccurioPress C14000. 2 sheet A5 booklet run with A4 LEF 80gsm in test environment.

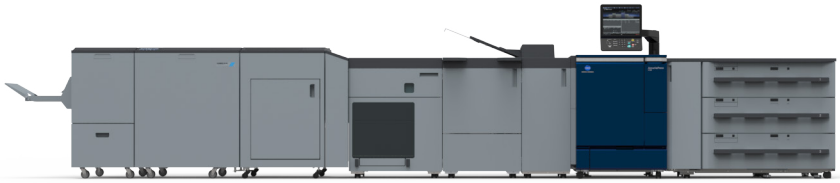
[2] Productivity numbers based on SD-450e and Konica Minolta AccurioPress 7136, compared to SD-450 and Konica Minolta AccurioPress C14000. 2 sheet A5 booklet run with A4 LEF 80gsm in test environment.

Plockmatic SD-435e and SD-450e

The **SD-435e/450e** is **compatible** with the following Konica Minolta **AccurioPress** print engines:



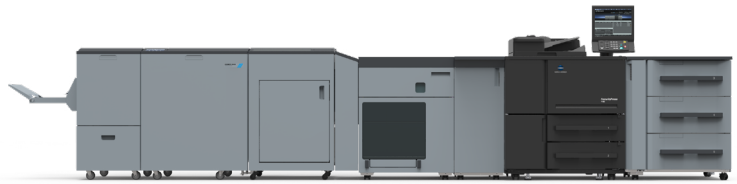
AccurioPress C5080 / C5070 / C84hc



AccurioPress C7100 ENHANCED Series



AccurioPress C14010 Series



AccurioPress 7136 Series



AccurioPress 6272P

Plockmatic SD-435e and SD-450e

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.

Booklet Makers

The SD-450e can staple and fold up to 50 sheets of 21 lb. Bond, creating booklets of up to 200 pages. The SD-435e is capable of 35 sheets, creating 140 page booklets.

Hand Feed Bridge Unit (Optional)

Extend your capabilities by converting output from other printing systems into high-quality finished documents.

RCT Rotate Crease Trim module (optional)

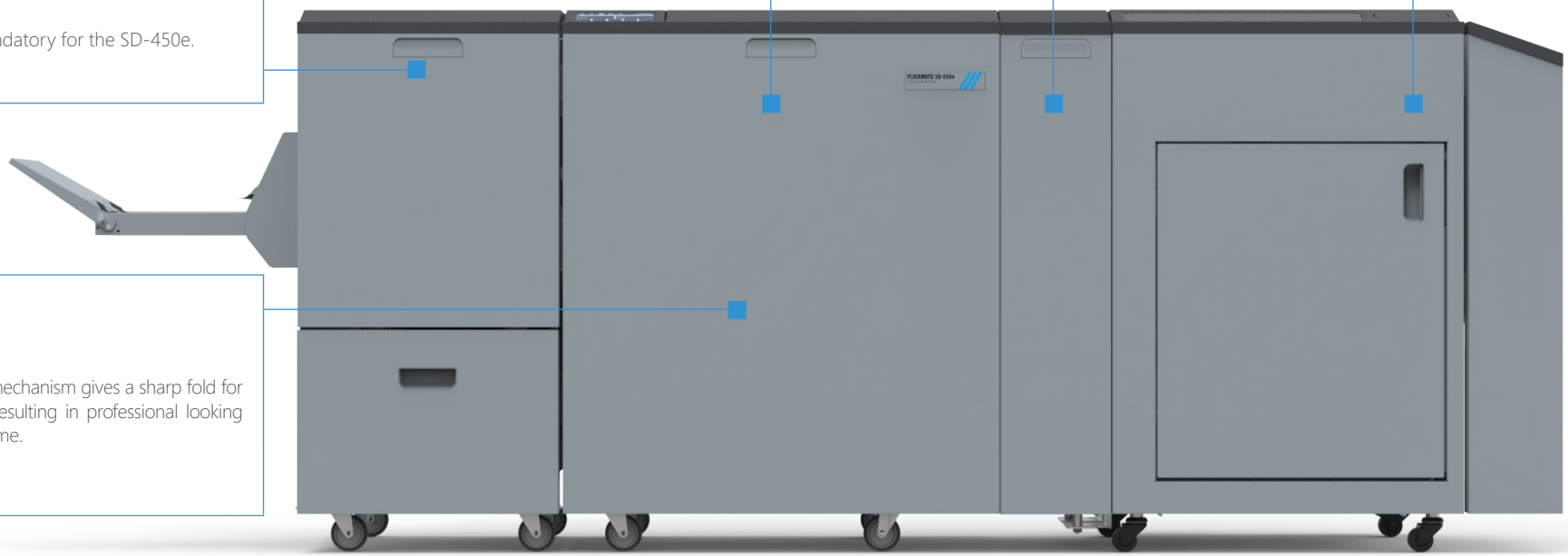
RCT Rotate Crease Trim module provides professional looking, full bleed trimmed and creased booklets.

This option requires an FM-400e finishing module.

Finishing Module FM-400e (optional)

The Face Trimmer module includes a new wide range-trimmer and Square folding-mechanism in one unit.

This module is mandatory for the SD-450e.



Fold mechanism

The Patented fold mechanism gives a sharp fold for every application, resulting in professional looking documents every time.

Plockmatic SD-450e Series - Feeding options

The Plockmatic **SD-450e** meets your future printing needs – **inline and offline**

Adaptable solutions

The SD-450e is designed to adapt to dynamic market requirements, offering versatile solutions that boost efficiency and streamline operations.

By adding an Plockmatic VFX feeder, an inline configuration can be converted to an offline or Nearline configuration. This flexibility ensures it accommodates future advancements, eliminating the need to decide in advance between an inline or offline solution.

- Up to 5400 sheet high capacity vacuum feeder
- Plockmatic vacuum feed technology
- Adaptive fan control adjusts air flow
- Advanced double sheet detection
- Two tray configuration allows for loading paper during jobs for uninterrupted production
- Enhanced performance on difficult curled media
- Productivity of **over 1,500 A5 booklets per hour**[3]
- Productivity of **over 1,200 long sheet booklets per hour**[3]



[3] Approximate figures, based on 2 sheet booklets

Plockmatic VFX Vacuum Feeder

High Capacity 5,400 sheet Vacuum Feeder

The Plockmatic VFX Feeder

The Plockmatic VFX is a high-capacity Vacuum Feeder built for productivity and flexibility. With feeding resulting in over 1,500 A5 booklets per hour[3], it handles a wide range of paper types and weights with precision.

Equipped with advanced vacuum feed technology, the VFX is designed to manage even the most challenging pre-printed media. Its Automatic Tray Switching feature enables long, uninterrupted production runs — allowing you to load empty trays while the job continues.

Designed for Performance

At the core of the VFX are two vacuum-fed loading trays. Each tray features dual double-sheet detection sensors that ensure flawless accuracy and consistent operation. Together, they offer a total capacity of up to 5,400 sheets (80 gsm) and support media sizes up to 660 mm long.

For environments with low humidity or static build-up, optional anti-static bars help maintain steady feeding and reliable performance.



Plockmatic VFX Vacuum Feeder

Optimized Media Handling and Intelligent Controls for Demanding Workflows



Automatic Tray Switching

Keep jobs moving without pause. The VFX's Automatic Tray Switching hands off seamlessly between the two vacuum trays, enabling long, unattended runs and letting you reload an empty tray while production continues. No stop-and-start - just consistent throughput on longer jobs with minimal operator intervention.

Adaptive Feed Settings

The VFX constantly monitors the feed area and automatically adjusts air flow to create the ideal feeding conditions throughout every job. This adaptive system ensures smooth handling of a wide range of media from lightweight to heavy, coated, or pre-printed sheets.

Handling challenging media

Thin and curled sheets are no longer a challenge. The VFX's specially designed feed geometry enhances performance on delicate and curved media, ensuring consistent feeding quality under demanding conditions.

2D Barcode reader kit

When sheet integrity and document accuracy matters, the optional 2D Barcode Reader Kit brings an extra layer of confidence to your production. With a reader in each tray, every sheet is scanned to maintain set integrity and ensure perfect accuracy - ideal for financial reports, transactional documents, and personalized booklets.

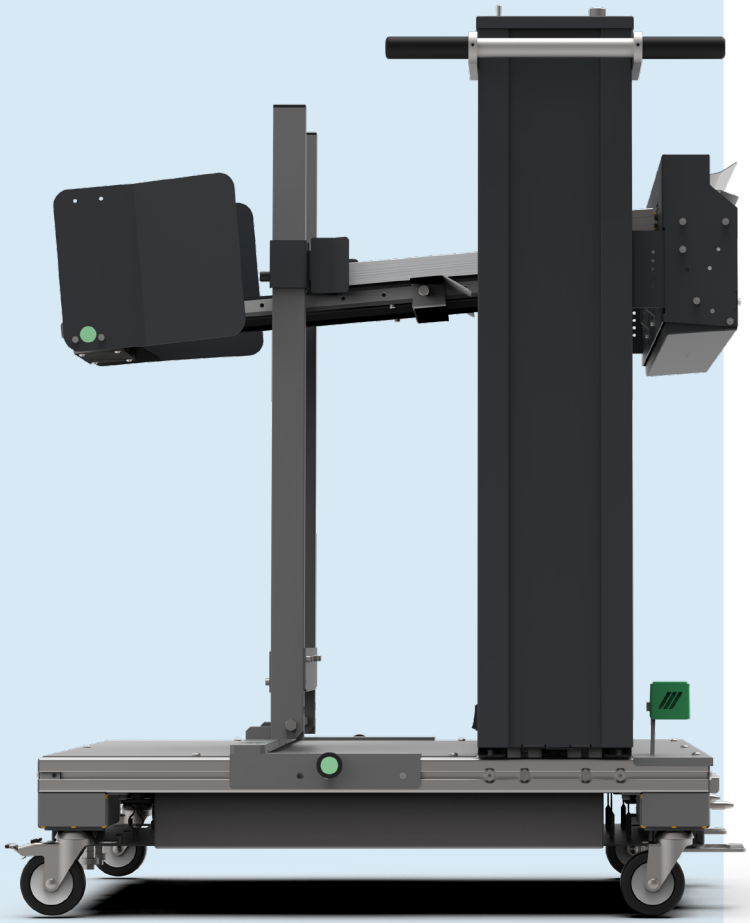


The system supports DataMatrix and PDF417 codes (up to 24 characters each), with a minimum barcode feature size of 0.3 mm for dependable, high-resolution reading.


Malmö Triangeln station

Plockmatic Multi-Purpose Stacker XL

From **small to large prints**, the **MPS XL adjusts easily** to meet the demands of your print operation



Optimizing Production Workflow

At Plockmatic, we understand the evolving needs of digital print workflows. Our MPS XL stands as a testament to our commitment to enhancing efficiency in the digital print industry. It serves as a crucial bridge between printing and finishing devices, ensuring the seamless creation of complete applications. We've designed the MPS XL to effortlessly accommodate oversized sheets, turning them into profitable applications with ease.

The integration with the MPS XL enables sheets to transition smoothly to subsequent finishing devices. Our commitment to flexibility and efficiency is embodied in the MPS XL Multi-Purpose Stacker, which has been crafted to complement a range of Konica Minolta production printing systems. Its user-friendly docking/undocking mechanism and motorized stacking table simplify the handling of heavy paper stacks, thereby alleviating physical strain and optimizing workflow.

From Letter Size to 51”

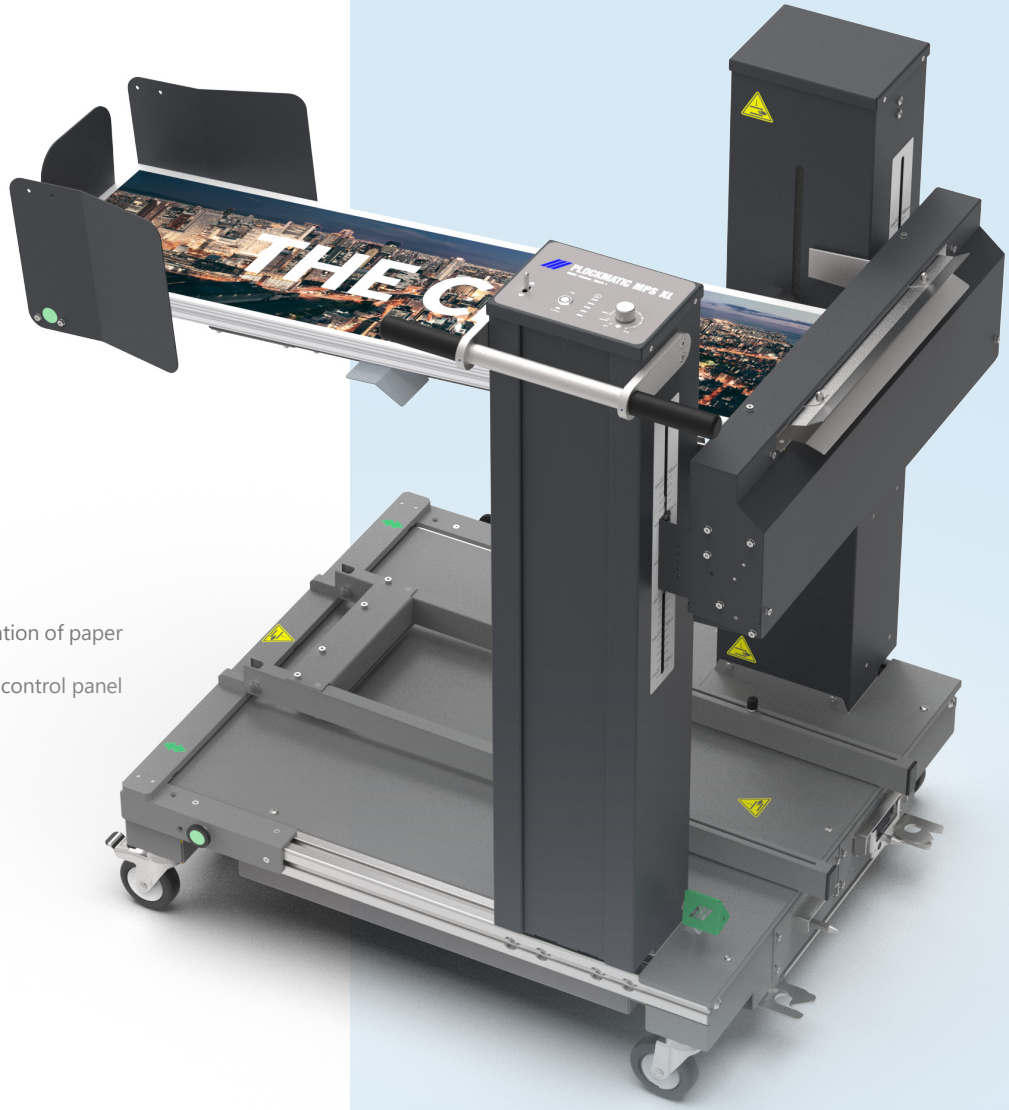
The Stacking Table accomodates a range of paper sizes, from Letter Size to an impressive 15.1” wide and 51” long (maximum sheet size is determined by upstream print engine). The table automatically steps down in small increments as sheets are stacked. With two sections—one sliding into the other—the table is compact at 28.1” and extends to a full 51”.

Integration

Our MPS XL seamlessly integrates with Konica Minolta’s latest color print engines, enhancing operational coherence and efficiency.

Plockmatic Multi-Purpose Stacker XL

Keep your projects **moving smoothly** from printing to finishing with **easy paper handling**



Key Features

- Capable of stacking a wide range of media, from 8.27″ x 8.27″ up to 15.1″ x 51.1″*
- Rated for a maximum load weight of 88.2 lbs
- Maximum stack height:
  Sheets under 28.1″: 6.9″
  Sheets 28.1″ or longer: 5.5″
- Motorized stacking table allows lifting of heavy paper stacks to the desired height
- Easy-to-use docking mechanism and large casters allow for frequent docking and easy transportation of paper
- Integration with print engine allows the operator to pause and resume printing using the MPS XL control panel

** Maximum sheet size is determined by upstream print engine*

Plockmatic Multi-Purpose Stacker XL

The **Plockmatic MPS XL** is **compatible with** the following Konica Minolta **AccurioPress** print engines:



AccurioPress C5080 / C5070 / C84hc

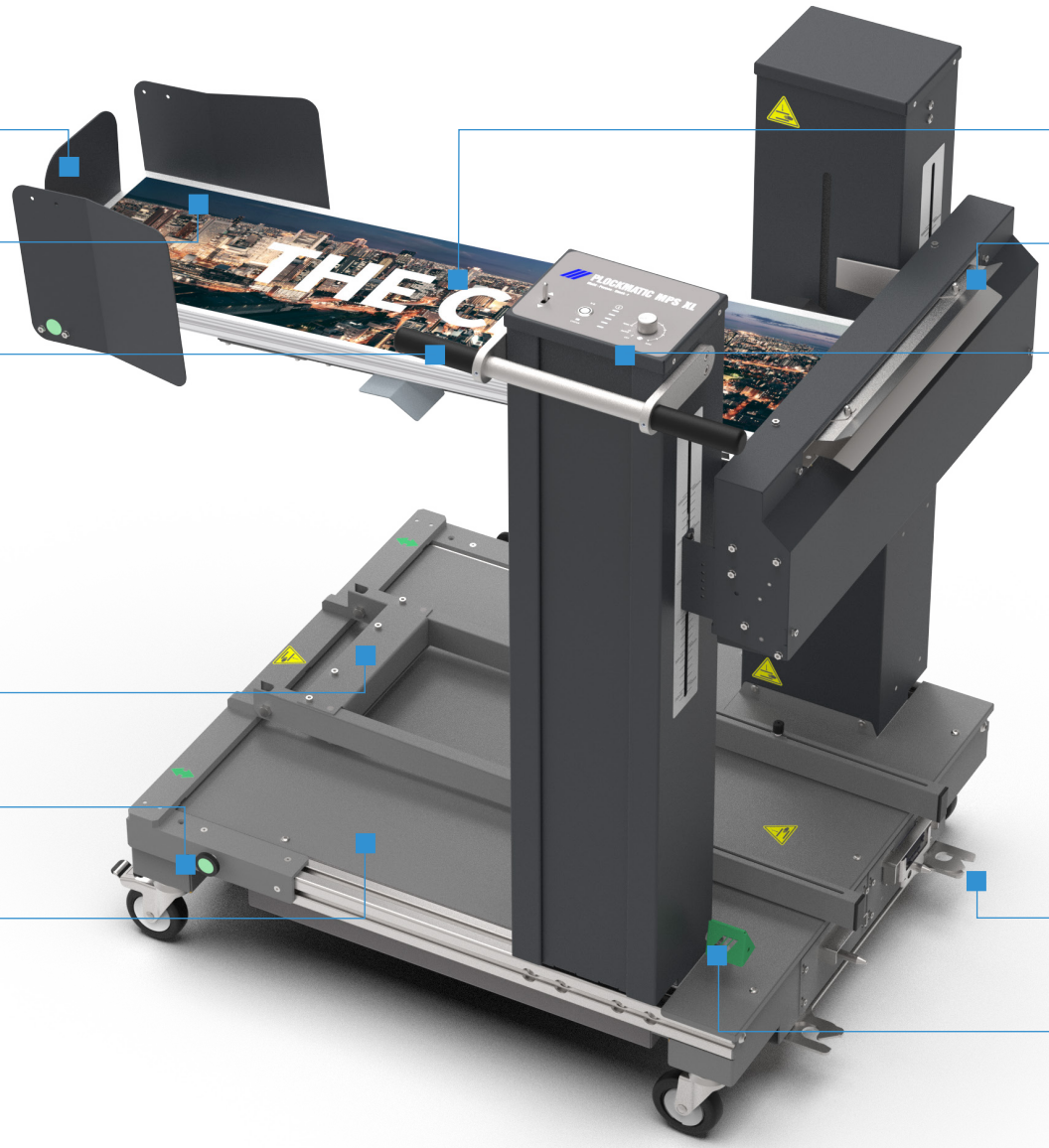


AccurioPress C7100 ENHANCED Series



AccurioPress C14010 Series

Plockmatic Multi-Purpose Stacker XL



Plockmatic SC6500 Digital Die-Cutter



The **SC6500** combines **ultra-reliable feeding** with an **instant job retrieval** system and flawless **high-speed cutting** and **creasing**

Plockmatic SC6500

The Plockmatic SC6500 is a high-performance, dual-tool digital cutter, designed for precision cutting and creasing on media up to 350 microns. It's ideal for print departments looking for an affordable, high-capacity cutter for unattended operation.

The SC6500 features a unique vacuum belt feeder for reliable material handling and a camera registration system that ensures accurate cutting by reading QR codes.

Efficient workflow

The SC6500 supports complete standalone operation, handling mixed jobs with ease. Its reliable feeding system and high-capacity auto feeder ensure smooth operation, while ergonomic design features facilitate integration into various work environments.

For businesses seeking to enhance their print department's capabilities with a versatile, efficient cutting and creasing solution, the Plockmatic SC6500 offers a blend of speed, reliability, and ease of use.

Productivity options

The optional ColorCut Pro Server Station further boosts workflow, offering a pre-installed PC, additional software licenses, and Template Maker for designing custom items. This setup provides a centralized control point for job management and streamlines production processes.

Plockmatic SC6500 Digital Die-Cutter

Unlock **next-level efficiency** with our enhanced **productivity options**



Key Features

Dual-Functionality: Capable of both cutting and creasing, allowing for diverse project handling without additional setup costs.

Speed and Efficiency: Cuts at speeds up to 41"/sec, with an automatic feeder that can handle stacks up to 1,000 sheets.

Advanced Technology: Includes ColorCut Pro software for seamless integration with design programs like Adobe® Illustrator® and CorelDRAW®. QR codes and SmartMarks ensure precise job retrieval and cutting accuracy.

User-Friendly Design: Compact and mobile, with an ergonomic 7-inch touch screen for ease of use and a space-saving media catch tray.

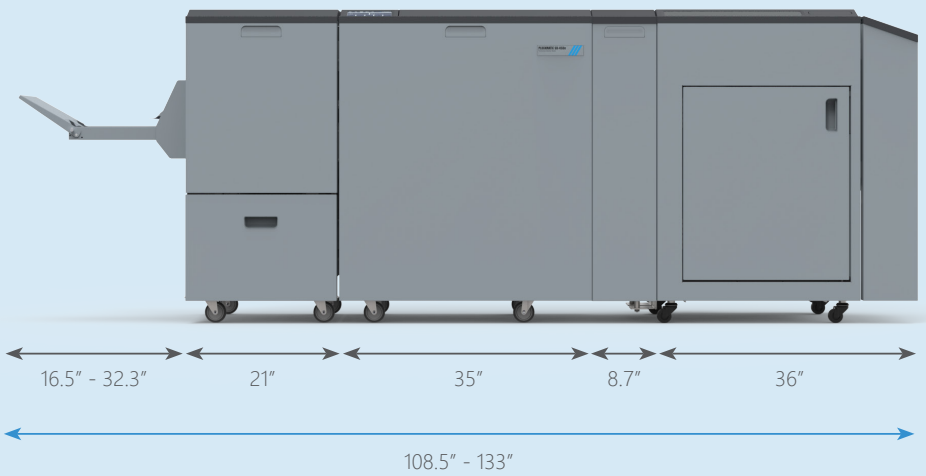
Unattended Operation: Features like the 8th generation Vision3 CCD camera and dual 'Grip and Drive' feed system allow for continuous, error-free operation on mixed job batches.



Specification Plockmatic SD-435e and SD-450e

SD-435e / SD-450e	
Paper sizes	From 5.7 x 8.3" to 12.6 x 26" (13" x 24.4" with optional RCT)
Finished book sizes before trimming	From 5.7 x 3.9" to 12.6 x 13" (12.6 x 12.2" with optional RCT)
Stock range	17 lb. Bond to 110 lb. Cover, depending on media type
Book thickness (folded with staples)	SD-450e: 2-50 sheets, SD-435e: 2-35 sheets (21 lb. Bond)
Book thickness (folded without staples)	Up to 2 sheets
Face trimmer range	0.039" to 9.1"
Bleed Trimmer	Integrated in optional RCT module, slitter type
Bleed trimmer range	0.19" to 1.18" on each side
Creasing	Two tools: fine and coarse creasing profiles, possibility to crease Cover and/or Center sheet
Rotation	Integrated in optional RCT module for smaller sheet sizes (Letter size)
Konica Minolta Compatibility	AccurioPress C14010 Series AccurioPress C7100 ENHANCED Series AccurioPress C5080 / C5070 / C84hc AccurioPress 7136 Series AccurioPress 6272P

SD-435e / SD-450e - Machine dimensions



Specification VFX High Capacity Feeder

VFX High Capacity Feeder	
Paper sizes	From 4.72" x 8.27" to 14 x 26"
Stock range	17 lb. Bond to 110 lb. Cover, depending on media type
Supported media types	Plain, Index, coated, recycled, offset paper
Paper separation method	Vacuum and adaptive airflow
Double feed detection	Optical and ultrasonic sensors in each tray
Load capacity	Up to 5400 sheets total capacity, at 21 lb. Bond plain paper
Speed	Up to 15.000 sheets per hour, depending on finisher and configuration
Booklet Maker Compatibility	Plockmatic SD-435e and SD-450e
Power consumption	650W
Power Source	100-240V (50-60Hz)

VFX High Capacity Feeder - Machine dimensions

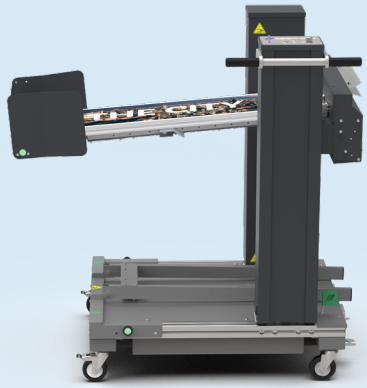


42.1"

Specification Plockmatic Multi-Purpose Stacker XL

MPS XL Multi-Purpose Stacker	
Paper sizes	From 8.27 x 8.27" to 15 x 51" (Maximum sheet size determined by printer)
Supported Media types	Plain, index, coated, recycled, offset, punched paper
Stock range	21 lb. Bond- 184 lb. Cover on up to 18" long sheets 32 lb. Bond- 184 lb. Cover up to 27" long sheets 40 lb. Bond- 184 lb. Cover on up to 51" long sheets
Maximum stack height	6.9" for sheets under 28.1" in length, 5.5" for sheets 28.1" or longer
Maximum stack weight	88.2 lbs
Konica Minolta print engine compatibility	AccurioPress C14010 Series AccurioPress C7100 ENHANCED Series AccurioPress C5080 / C5070 / C84hc
Konica Minolta interface compatibility	LS-507

MPS Multi-Purpose Stacker - Machine dimensions

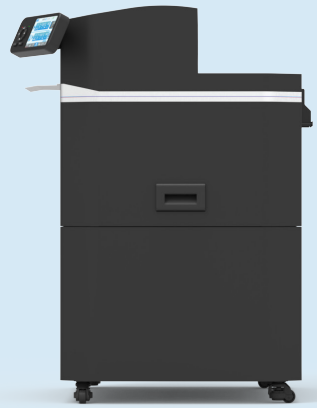


35.4" - 55.5"

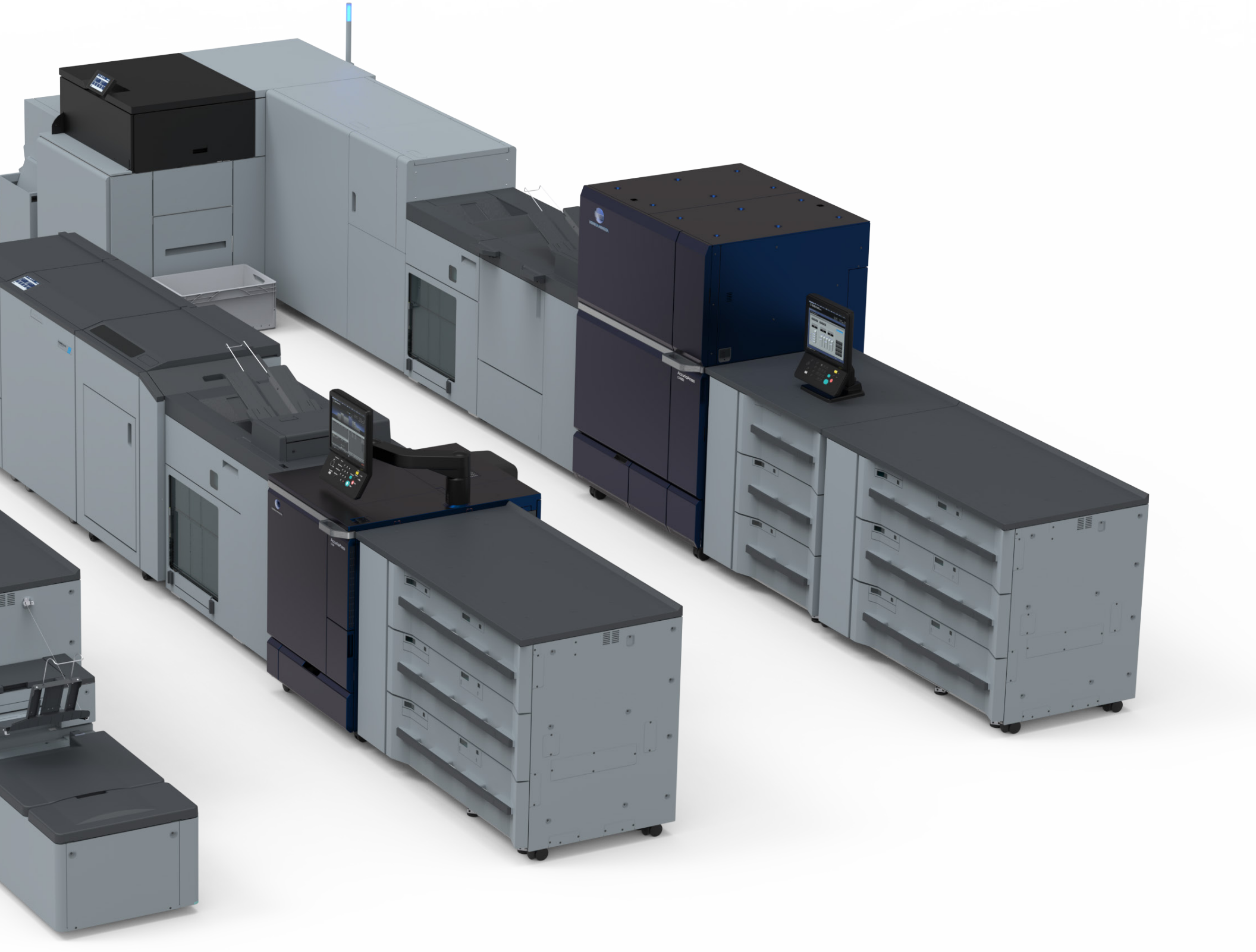
Specification Plockmatic SC6500

SC6500	
Standard media size	US Letter, Tabloid, Extra Tabloid
Custom sized media	From 7 x 11" to 13.4 x 28"
Media thickness	140 micron to 350 micron
Effective contour cutting area	13 x 27.5"
Crease capability	750gf
Cutting force	750gf
Auto-sheet capacity	4.1" stacker height or 33lbs (Up to 1,000 sheets for auto-sheet feed, based on 20 lb. Bond)
Type of cut	Die-Cut (with tags), Half Cut (Kiss-cut) & perforation
Max. speed	Up to 41 in/sec
Weight	300 lbs
Power supply	100-240v 50/60Hz, 320W

SC6500 - Machine dimensions









About us

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 Group develops, manufactures and markets an extensive range of print finishing systems sold under the Plockmatic, Morgana, Intec and Renz brand names. These products work inline or offline together with the world's best digital printing systems.

Plockmatic works closely with Konica Minolta 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.

Plockmatic Group

Your company details:

www.plockmaticgroup.com

*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.

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