

Plockmatic Stacking and Finishing Solutions **for Konica Minolta**

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Specification





Plockmatic SD-435e and SD-450e

Compact booklet making system, combines **robust** and **reliable** performance for a range of applications. **Now up to 47% faster.**²



Booklet making 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 per hour** during inline operation².



Plockmatic SD-435e and SD-450e

Add our **signature square folded** finish to **A4 landscape format** documents

Key Features

- BookFold square spine booklets from A6 to A4 Landscape and beyond
- Corner stapled documents in portrait A4
- Edge stapled documents in portrait and landscape A4
- Up to 140 or 200-page booklet capacity
- Supports up to 660mm long sheets
- Average monthly volume of 30k booklet
- Max monthly volume of 40k booklets

High quality applications at speed

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-435e¹
- Up to 47% faster on the SD-450e with the new 50 Sheet Performance Kit²

The result is a production rate of **up to 752 booklets per hour**¹ for the SD-435e and **up to 1030 booklets per hour**² for the SD-450e.



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.

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 C4080 / C4070 / C84hc



AccurioPress C7100 ENHANCED Series



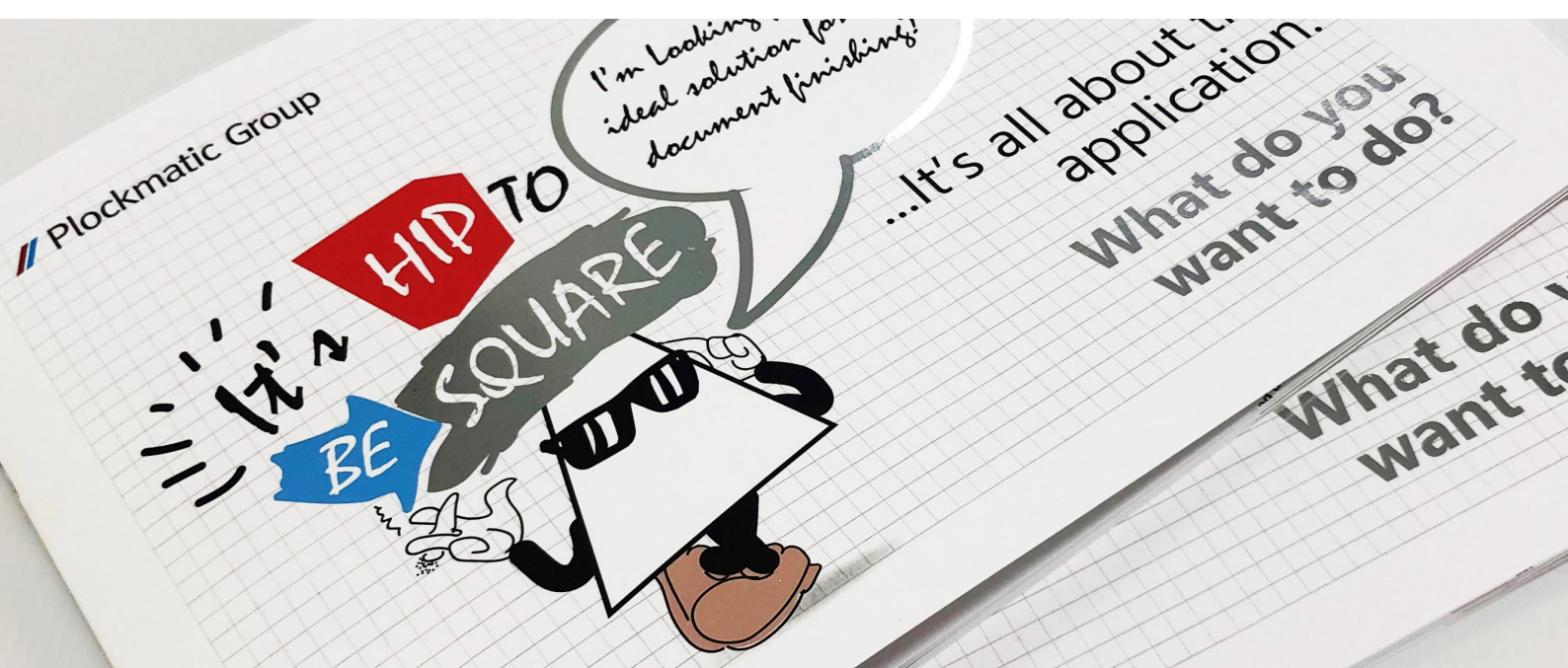
AccurioPress C14010 Series



AccurioPress 7136 Series



AccurioPress 6272P



Plockmatic SD-435e and SD-450e

SD-435e/SD-450e Booklet Makers

The SD-450e can staple and fold up to 50 sheets of 80 gsm, which creates booklets of up to 200 pages. The SD-435e is capable of 35 sheets creating 140 page booklets.

RCT Rotate Crease Trim module (optional)

The Plockmatic RCT Rotate Crease Trim module provides professional looking, full bleed trimmed and creased booklets. This option requires an FM-400e finishing module.

Finishing Module (optional) FM-400e

The optional Face Trimmer module includes a new face trimmer and square spine mechanism in one unit. This module is mandatory for the SD-450e.

Fold mechanism

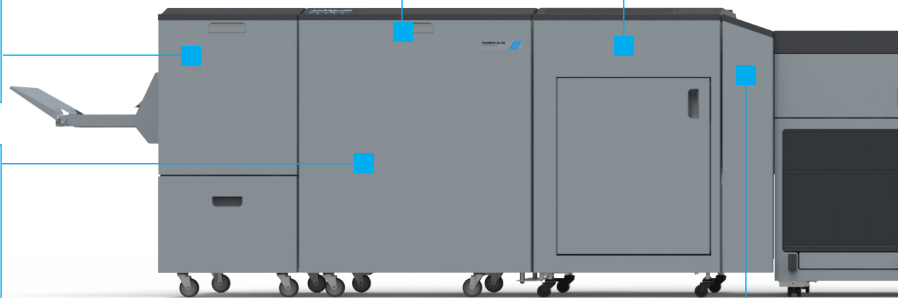
The Patented fold mechanism gives a sharp fold for every application, resulting in professional looking documents every time.

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



Plockmatic SD-450e Series - Feeding options

Inline or **Offline** using the same **booklet making modules**



Add a VFX feeder to the inline configuration to be offline

This makes the system incredibly versatile. The SD-450e and SD-435e can not only be installed inline with a Konica Minolta 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.

- Productivity of over 1,500 A5 booklets per hour³
- Productivity of over 1,200 long sheet booklets per hour³
- 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

³ Approximate figures, based on 2 sheet booklets





Malmö Triangeln

Triangeln är ett av de mest
framgångsrika och mest
utvecklade projekterings-
koncepten i Sverige. Det
är ett projekt som har
gett oss en unik möjlighet
att skapa en ny typ av
arbetsmiljö och en ny
typ av arbetsliv.

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Plockmatic Multi-Purpose Stacker XL

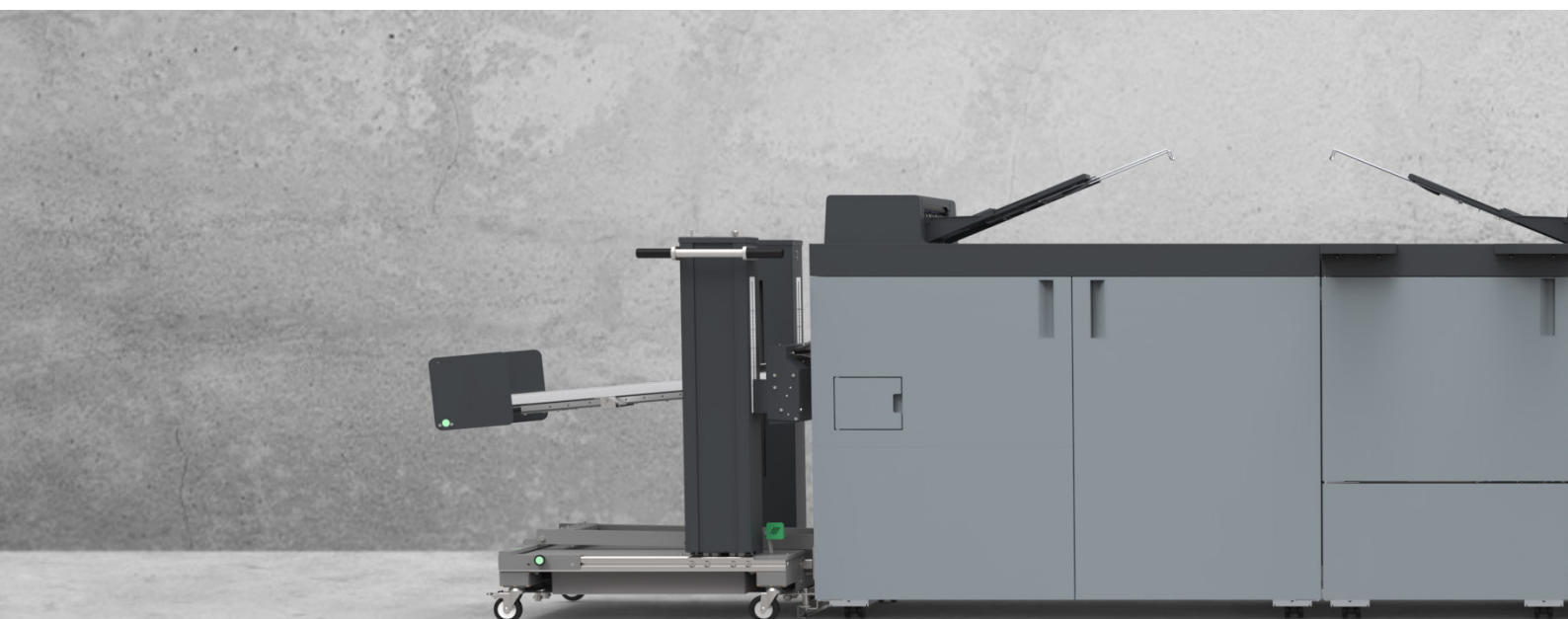
Adaptable to your needs: From **small to large prints**, the **MPS XL** adjusts easily to meet the demands of **your print operation**



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.



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 210mm x 210mm up to 330x1300mm
- Rated for a maximum load weight of 40kg
- Maximum stack height up to 175mm*
- 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 user interface

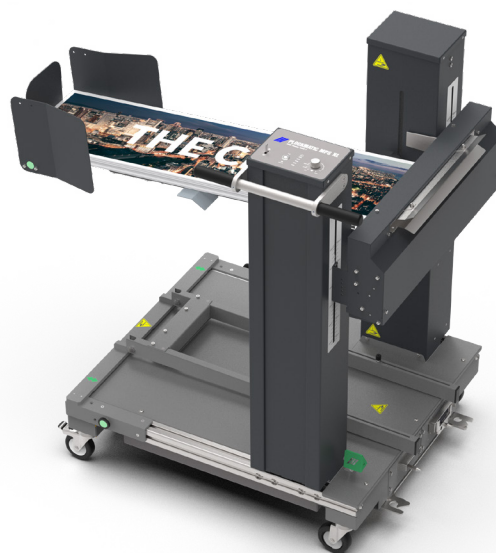
*Depending in sheet length and density

From A4 to 1300mm

The Stacking Table accommodates a range of paper sizes, from A4 to an impressive 330mm wide and 1300mm 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 715mm and extends to a full 1300mm.

Integration

Our MPS XL seamlessly integrates with Konica Minolta's latest color print engines, including the AccurioPress C14010S Series, AccurioPress C7100 Series, and AccurioPress C4080 Series, enhancing operational coherence and efficiency.



Plockmatic Multi-Purpose Stacker XL

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



AccurioPress C4080 / C4070 / C84hc



AccurioPress C7100 ENHANCED Series



AccurioPress C14010 Series

proved Sentinel SX

The lifestyle you've been looking for.

Don't take care of your car. Let the car take care of you.

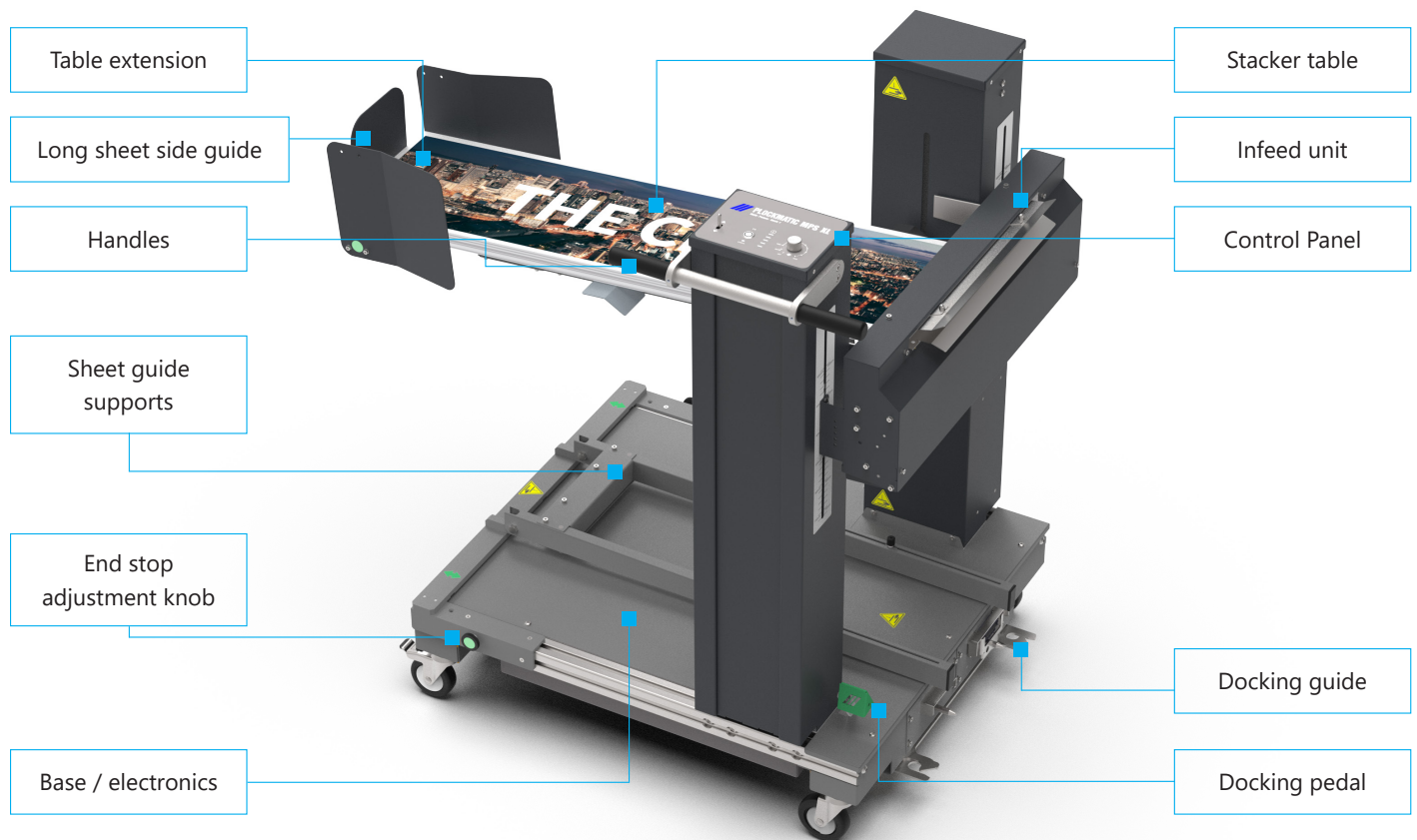
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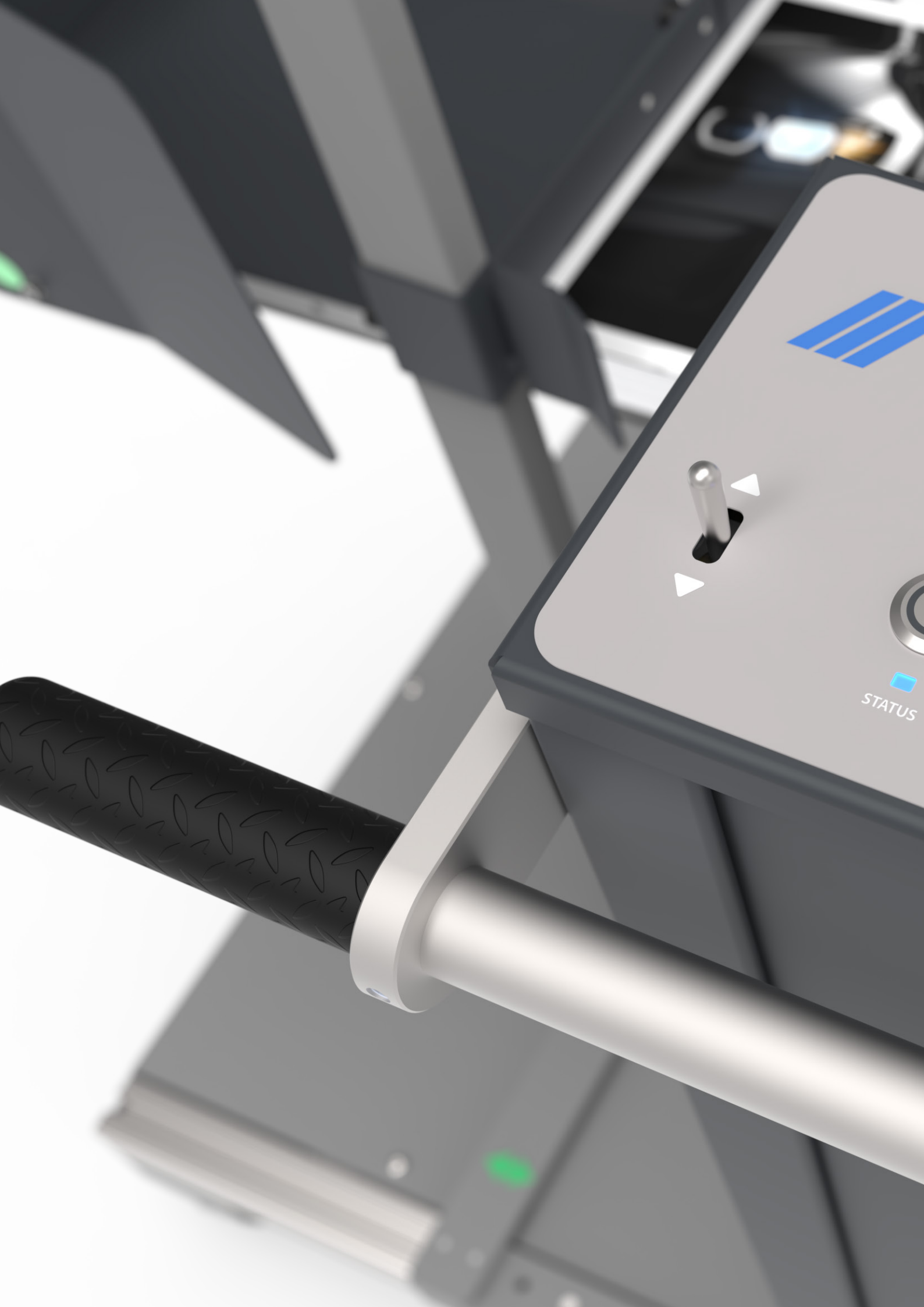
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Plockmatic Multi-Purpose Stacker XL





PLOCKMATIC MPS XL

Multi - Purpose Stacker



Plockmatic SC6500 Digital Die-Cutter



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 digital die 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.

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

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 1060mm/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.



Plockmatic SC6500 Digital Die-Cutter

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

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.

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.

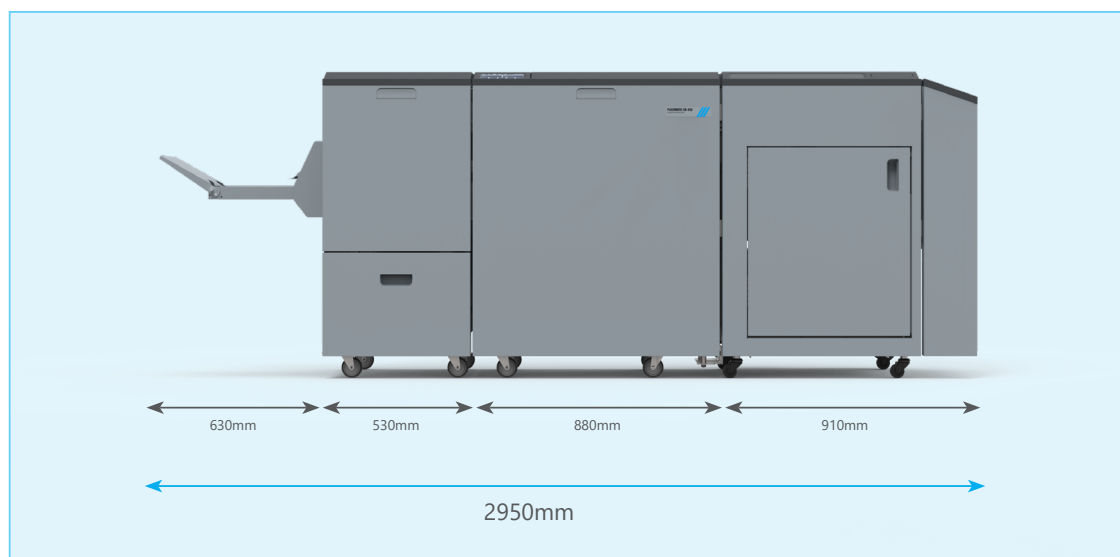




Specification Plockmatic SD-435e and SD-450e

SD-435e / SD-450e	
Paper sizes	From 145mm x 210mm to 320 x 660mm (330 x 620mm with optional RCT)
Finished book sizes before trimming	From 145 x 99mm to 320 x 330 (320 x 310 with optional RCT)
Stock range	64gsm to 350gsm depending on media type
Book thickness (folded with staples)	SD-450e: 2-50 sheets, SD-435e: 2-35 sheets (80gsm)
Book thickness (folded without staples)	Up to 2 sheets
Face trimmer range	1 to 231mm
Bleed Trimmer	Integrated in optional RCT module, slitter type
Bleed trimmer range	5 to 30mm on each side
Creasing:	Two tools: fine and coarse creasing profiles
Rotation	Integrated in optional RCT module for smaller sheet sizes (A4 and SRA4)
Konica Minolta Engine Compatibility	AccurioPress C14010 Series AccurioPress C7100 ENHANCED Series AccurioPress C4080/4070/C84hc AccurioPress 7136 Series AccurioPress 6272P

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



Specification VFX High Capacity Feeder

VFX High Capacity Feeder	
Paper sizes	From 120mm x 210mm to 356 x 660mm
Stock range	64gsm to 350gsm depending on media type
Supported media types	Plain, Index, coated, recycled, offset paper
Double feed detection	Optical and ultrasonic sensors in each tray
Load capacity	Up to 5400 sheets total capacity, at 80gsm plain paper
Speed	Up to 15.000 sheets per hour, depending on finisher and configuration
Booklet Maker Compatibility	Plockmatic SD-435e and SD-450e

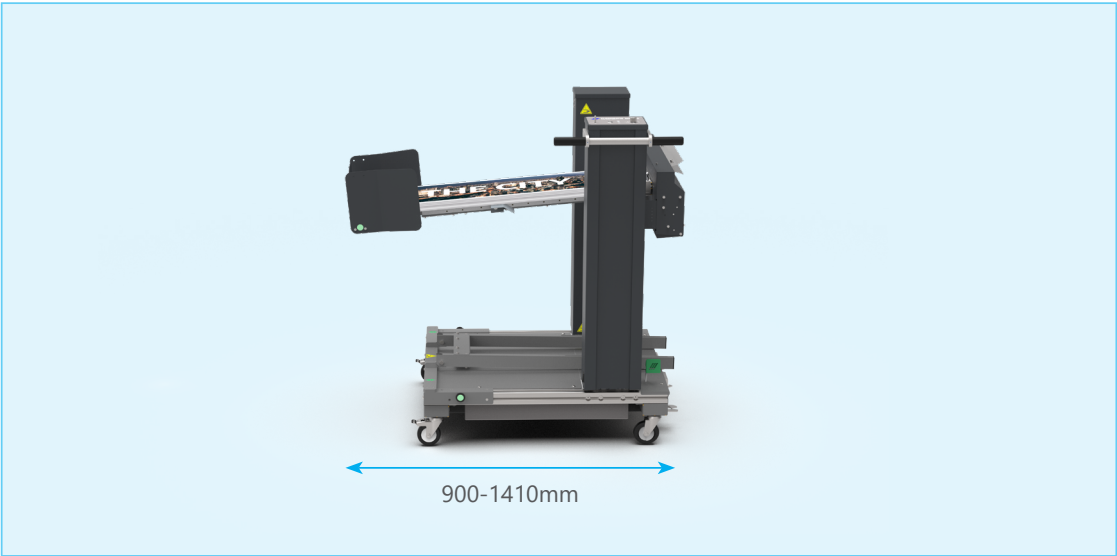
VFX High Capacity Feeder - Machine dimensions



Specification Plockmatic Multi-Purpose Stacker XL

MPS XL Multi-Purpose Stacker	
Paper sizes	From 210mm x 210mm to 385 x 1300mm (Maximum sheet size determined by printer)
Supported Media types	Plain, index, coated, recycled, offset, punched paper
Stock range	80-500gsm up to 457.2mm long sheets 120-500gsm up to 700mm long sheets 150-500gsm up to 1300mm long sheets
Maximum stack height	175mm for sheets under 715mm in length, 140mm for sheets 715mm or longer
Maximum stack weight	40 kg
Konica Minolta Interface Compatibility	LS-507 TU-510 RU-702 RU-510/RU-518m
Konica Minolta Engine Compatibility	AccurioPress C14010 Series AccurioPress C7100 ENHANCED Series AccurioPress C4080/4070/C84hc

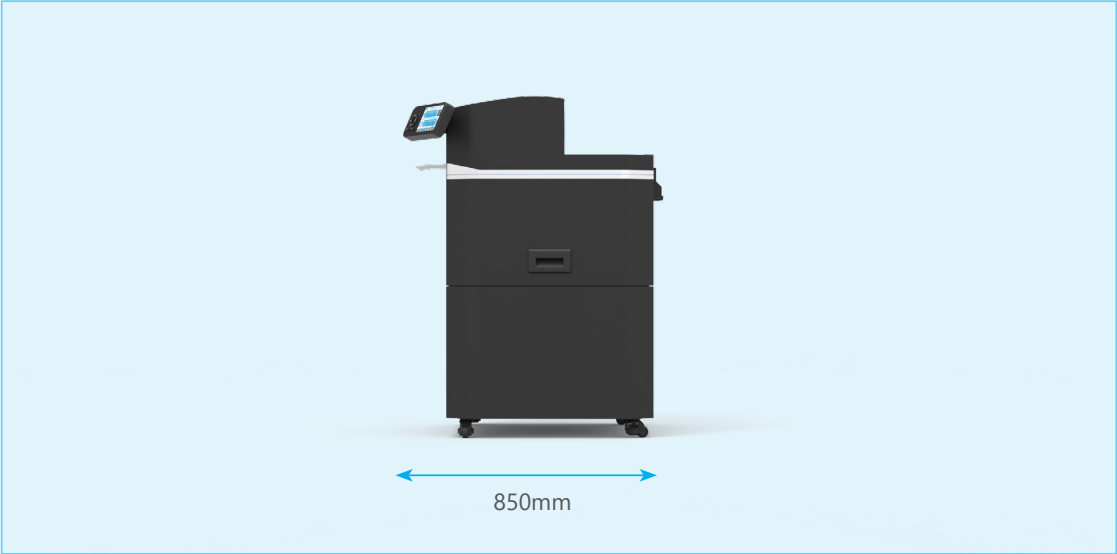
MPS Multi-Purpose Stacker - Machine dimensions



Specification Plockmatic SC6500

SC6500	
Standard media size	A4, SRA4, A3, SRA3, US Letter, Tabloid, Extra Tabloid
Custom sized label media	From 180 x 279mm to 340 x 710mm
Media thickness	0.14mm (140 micron) to 0.35mm (350 micron)
Effective contour cutting area	330 x 700mm
Crease capability	750gf
Cutting force	750gf
Auto-sheet capacity	85mm stacker height or 15kg (up to 1000 sheets for auto-sheet feed, based on 80gsm media)
Type of cut	Due-Cut (with tags), Half Cut (Kiss-cut) & perforation
Max. speed	1060mm per second
Weight	136kg
Power supply	100-240v 50/60Hz, 320W

SC6500 - Machine dimensions



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 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.

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.

Your company details

