



PRINTING PRODUCTIVITY

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PRODUCT
PORTFOLIO

**OPERATOR
FOCUSED,
RESULTS
DRIVEN.**



ABOUT MPS PRINTING PRODUCTIVITY

Founded in 1996, MPS Systems B.V. (MPS) is a worldwide, well-known and high-quality brand of flexo and offset press solutions for label and flexible packaging printers.

Solution-oriented, courage, high-quality, passion, and attentiveness are all core values of MPS. A distinctive characteristic of MPS is that we understand our customers by listening to their needs. We are energetic and motivated in delivering to all customers the best quality, the best print solution and the best service.

PRINTING PRODUCTIVITY

This is our promise to our customers. With a focus on ease of operation, press automation and world wide support, the MPS presses are designed to boost productivity. Customers will achieve productivity in the printing process and in the final printed product when using MPS flexo and offset presses. Productivity is the ultimate result of the MPS operator-

friendly technology, enabling our customers to maximise their efficiency and performance in today's market.

OPERATOR FOCUSED, RESULTS DRIVEN

At MPS, we put the needs of our clients first.

Our focus is on you – your operators and your results. We are driven – driven to improve your results. We design our presses to enhance the talents of your operators. Regardless of their skill level, our user-friendly press technology enables them to maximize their efficiencies and print jobs that not only meet, but surpass, the performance expected in today's label and flexible packaging market.

Easy changeovers. Fast set ups. Consistent and predictable print quality. Press reliability. By putting our focus on your operators, we know they'll be able to focus on the job at hand. We believe this winning combination will give you the advantage necessary to increase your profits.

THE HYBRID PRINTING SOLUTION

INTRODUCING THE EF SYMJET PRESS

The EF **SYMJET** press is a hybrid printing solution that gives converters a range of new print potential with the symbiotic combination of conventional – and digital printing technologies. With a Domino digital inkjet unit integrated on the standard EF platform, you get the best of both worlds together in a future-proof solution. The established flexo press and proven digital system can be combined and used integrated in-line or separately to work offline.

INNOVATIONS

- Established EF platform
- Integrated Domino digital inkjet unit
- Up to six colours and digital white
- Kyocera 600 dpi engine

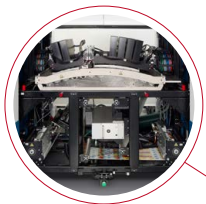
SPECIFICATIONS

Printing technology	Flexo + inkjet
Inkjet technology	Piezo Drop on Demand
Ink heads	Kyocera
Inkjet resolution	600 x 600 dpi
Web width	340 / 430
Repeat size	10 - 25 inch
Mechanical machine speed	5 - 200 m/min = 16-565 ft/min
Crisp.Dot	■
Full length rail system	■
Pre-register	■
Quick change tooling	□
Quick-change die station	■
iStrip matrix rewinding	■
Short web	■

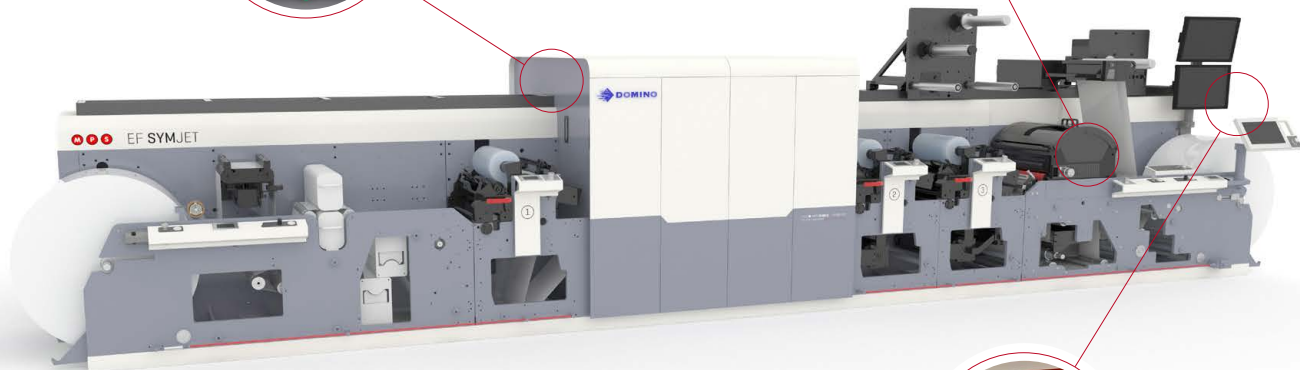
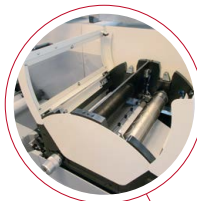
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EF SYMJET

**INTEGRATED DOMINO
DIGITAL INKJET UNIT**



**AUTOMATED QUICK
CHANGE DIE**

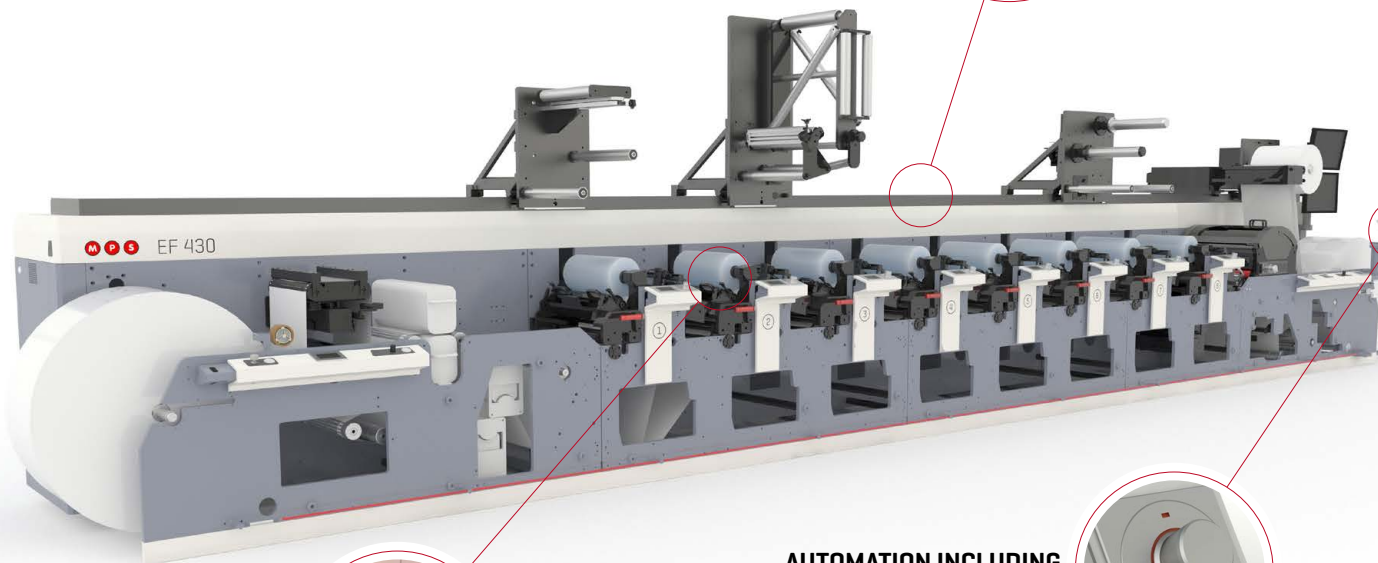


INTEGRATED WORKFLOW



EF

**FLEXIBLE CONVERTING
ON RAIL**



**HYBRID UV/LED
DRYING SYSTEM**



**AUTOMATION INCLUDING
JOB MEMORY**



THE MULTI-SUBSTRATE PRESS

SPECIFICATIONS

Web width	340-430-520 mm = 13-17-20 inch
Repeat size	Print sleeves: 10-25 inch, Plate rolls: 6-24 inch
Mechanical machine speed	200 m/min = 650 ft/min
Crisp.Dot	■
Job Memory	■
iStop	■
Servo drive & control	■
Full length rail system	■
Pre-register	■
Quick change tooling	■
Quick-change die station	■
iStrip matrix rewinding	■
iControl	■
Short web	■
APC package	□

■ = standard □ = optional

INTRODUCING THE EF PRESS

The EF is a high-quality and highly automated multi-substrate flexo press, especially designed for label production and flexible packaging printing on various substrates. The EF provides the ultimate in flexibility and enables operators to maximise press performance, thanks to its ease of operation and reliability. EF can be executed with new future-proof technological solutions for the highest productivity, such as a fully automated Quick Change Die unit, a hybrid UV/LED drying system and a system for fully automated processing of pressure settings.

INNOVATIONS

- Improved operator interface
- Automated Quick Change Die
 - Redesigned look
- Automated pressure settings

THE LABEL SOLUTION PRESS

INTRODUCING THE EB PRESS

The EB flexo press, the best solution in flexo label printing, features the well-known solid MPS machine construction with predictable and reliable print quality, high productivity and user-friendly press operation.

The EB press brings a modular design and is an ideal solution for the printing and converting of self-adhesive labels in both short and long label print runs.

INNOVATIONS

- Crisp.Dot technology
- iSet technology
- iStop technology
- Quick Change Die

SPECIFICATIONS

Web width	370 mm = 14 inch
Repeat size	6-18 inch
Mechanical machine speed	5-165 m/min = 16-541 ft/min
Crisp.Dot	■
iSet – intelligent pressure control	■
iStop	■
Servo drive & control	■
Full length rail system	■
Pre-register	■
Quick change tooling	■
Quick-change die station	■
iStrip matrix rewinding	■
iControl	□
Short web	□

■ = standard □ = optional

EB

**CRISP.DOT
TECHNOLOGY**



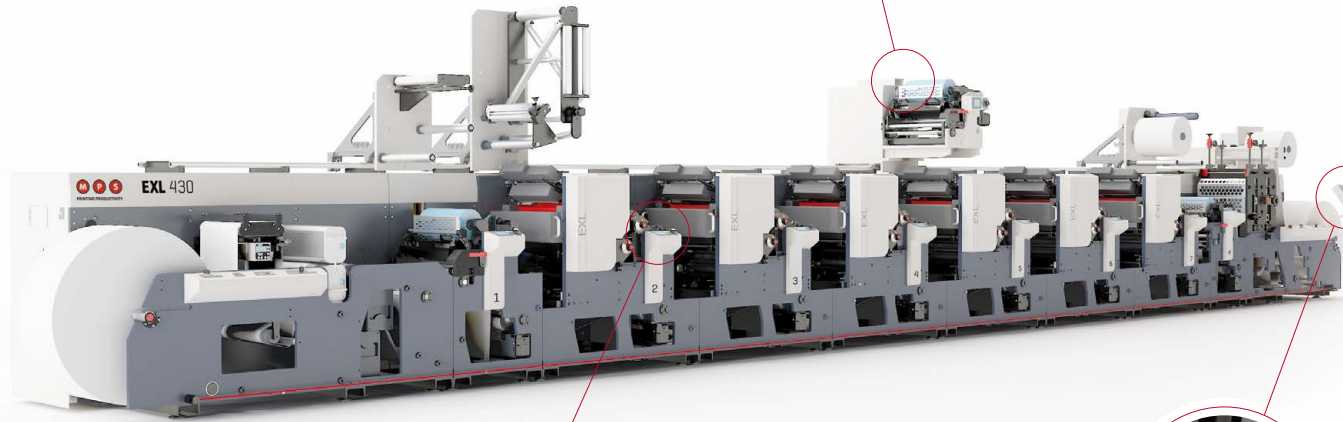
iSTOP TECHNOLOGY



iSET TECHNOLOGY



EXL-OFFSET



OPTIONAL GRAVURE, SCREEN AND FLEXO PRINTING UNITS ON RAIL



AUTOMATED PRESS CONTROLS



VARIABLE SLEEVE TECHNOLOGY



COMBINATION PRINTING

SPECIFICATIONS

Web width 430-520 mm = 17-20 inch

Repeat size 18-25 inch

APC

- Print sleeves



- Print gap



Form rollers Automated

Ductor roller Automated

Ink keys Automated

Auto wash



Metric print



Ultra-flex rail system



Chill-drum



= standard = optional

INTRODUCING THE EXL-OFFSET PRESS

The revolutionary EXL-Offset press, with offset sleeve combination printing, is the most versatile press available in the market. It offers variable sleeves for different repeat lengths, for both plates and blankets, and is easy to operate. All inking and press settings of the EXL-Offset machine are effectively automated with the innovative APC [Automated Print Control] technology from MPS.

INNOVATIONS

- Variable sleeves
- Automated Print Control [APC]
- Fully automated
- Optional gravure, screen and flexo printing units

WIDE WEB FLEXO PACKAGING

INTRODUCING THE EXL-PACKAGING PRESS

The MPS EXL-Packaging press delivers wider and faster flexo printing without limits. Flexible packaging printing and converting with the use of an inline press is more economical than ever. With the EXL-Packaging press, extremely fast change-over times and remarkably short set-up waste guarantee optimal and productive printing and converting.

INNOVATIONS

- Automatic loading print sleeves
- Automatic Print Control [APC]
- Integrated converting
- Combined UV, hot air and LED drying [option]

SPECIFICATIONS

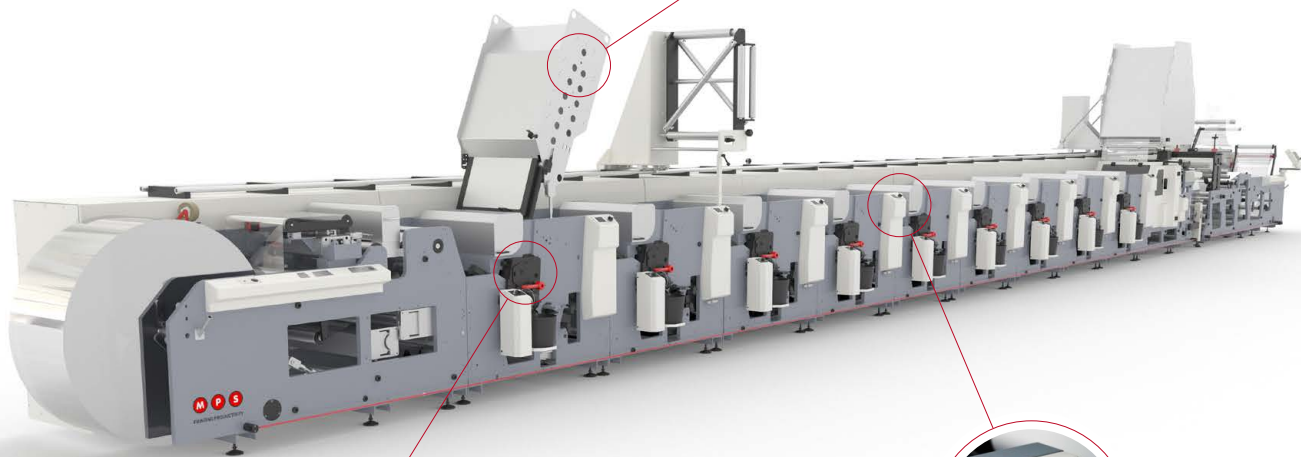
Web width	520-570-670 mm = 20 - 22 - 26 inch
Repeat size	12-32 inch
Speed	300 m/min = 1000 ft/min
Materials	12-450 µm / 0,4 - 18 P
APC	
- Print sleeves	■
- Print gap	■
Job memory	Extended
Lateral register	Motorized
iStop	■
Metric print	■
NPC	■

■ = standard □ = optional

EXL-PACKAGING



COMBINED UV, HOT AIR AND LED DRYING (OPTION)



AUTO LEAN INKING



AUTOMATED PRESS CONTROLS

MPS CUSTOMER EXPERIENCE

MPS HELPS TO EXCEL BY SHARING EXPERTISE AND SERVICE
IN ORDER TO IMPROVE YOUR PRINTING PROCESSES.

SHARING EXPERTISE

By providing extensive knowledge and world-class service to enhance the printing process, MPS helps customers excel. We improve the printing process and customer experience through product innovation. Through use of our know-how and capabilities, we can recommend press solutions that best serve our customer's ambitions.

MPS has a team of experts when it comes to knowledge of the printing process and desired print results in label and flexible packaging print runs. We continuously expand our knowledge through regular contact with customers and suppliers, in addition to retail specialists in the area of label and packaging design. We share and apply our expertise every day, and can offer a specific solution for every customer.

TECHNOLOGY & EXPERTISE CENTRE

In our global headquarters, based in Arnhem, the Netherlands, MPS has an Technology & Expertise Centre. This is the environment where press improvements and new technology developments happen in response to market demand. In this Technology & Expertise Centre, training and technology tests can be held. An appointment to visit the Technology & Expertise Centre in Arnhem can be made through MPS sales representatives.





MPS SERVICE & TRAINING

CUSTOMER SERVICE

Installation and after-sales support is provided by the MPS service team with support through an international network of service centers and partners. MPS offers an extensive Customer Care Package including project management, remote diagnostic control, preventive maintenance programs, a help desk for quick problem solving and more.

OPERATOR TRAINING

'Operator Focused, Results Driven'. This is what MPS believes in. After the installation of an MPS press, the future operators get a thorough, in-house training and education programme, provided by the MPS Service department. By training the operator, skills and knowledge are improved, which results in higher productivity and return on investment.

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DISCLAIMER

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