



EF next generation

THE CONNECTED PRINTING SOLUTION

Connect to Grow

Continuous improvement is in our DNA

For nearly 30 years, we've constantly advanced our presses with innovative technologies in response to customer feedback, market demand, and industry developments. To stay ahead, printers more and more strive for maximum performance and maximum return on investment.

The EF next generation is a robust, reliable, highly qualified and highly automated printing press ready for 24 x 7 operations. With MPSCoast the new machine enables you to achieve the best performance and maximum return from your printing press. This is how we evolve; connect to grow together.

Robust Engineering

The new EF next generation platform is built with unique features that have proven valuable to label and packaging printers.



Built to run 24/7, MPS presses are highly modular for ultimate flexibility, are predictable with higher up-time, provide extreme register stability, higher speeds, and integration with OEM units.

An endless number of applications and functionalities are possible with the new EF press thanks to its multi-web functionalities, extremely stable web transport, and MPS Ultra-flex railsystem.

Levels of automation

- 1

The EF is a fully automated multi-substrate press. It is the pinnacle of flexibility and enables operators to maximize press performance, thanks to its high level of automation, connectivity and ease of operation.
- 2

For full servo driven automation of all print pressure settings, you can choose the Advanced Automation solution, as integrated in the EFA.

Unique MPS Features THAT DRIVE YOUR EF PRESS

Non-stop print change

Easy access to the print sleeves during production for plate cleaning and changing sleeve, anilox & inks.

Crisp.Dot Technology

A non-driven impression cylinder significantly reduces dot gain, achieves a higher print quality, and optimizes the printing process.



iStrip Matrix

High speed tension-controlled matrix stripping up to 200m/min (600ft/min) for less chance of matrix breaking (short path matrix).

iControl

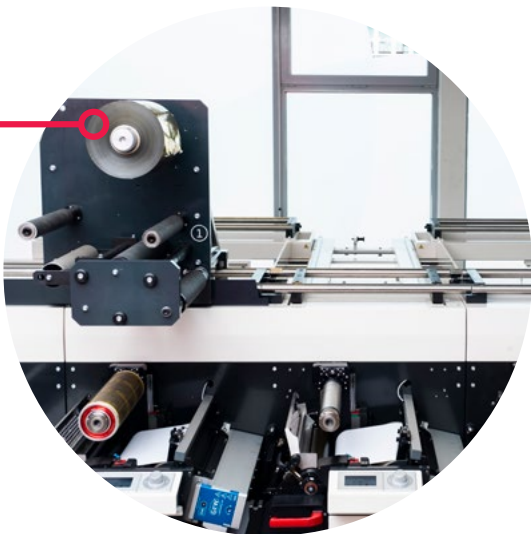
Digital iControl button at every print unit providing an adjustable tactile click on register and print pressure setting with four status indicator LED lights.

Ultraflex Railsystem

Easy to slide a rail unit to a different position on the press or change the sequence of the different converting modules.

Auto-Teach Pre-Register

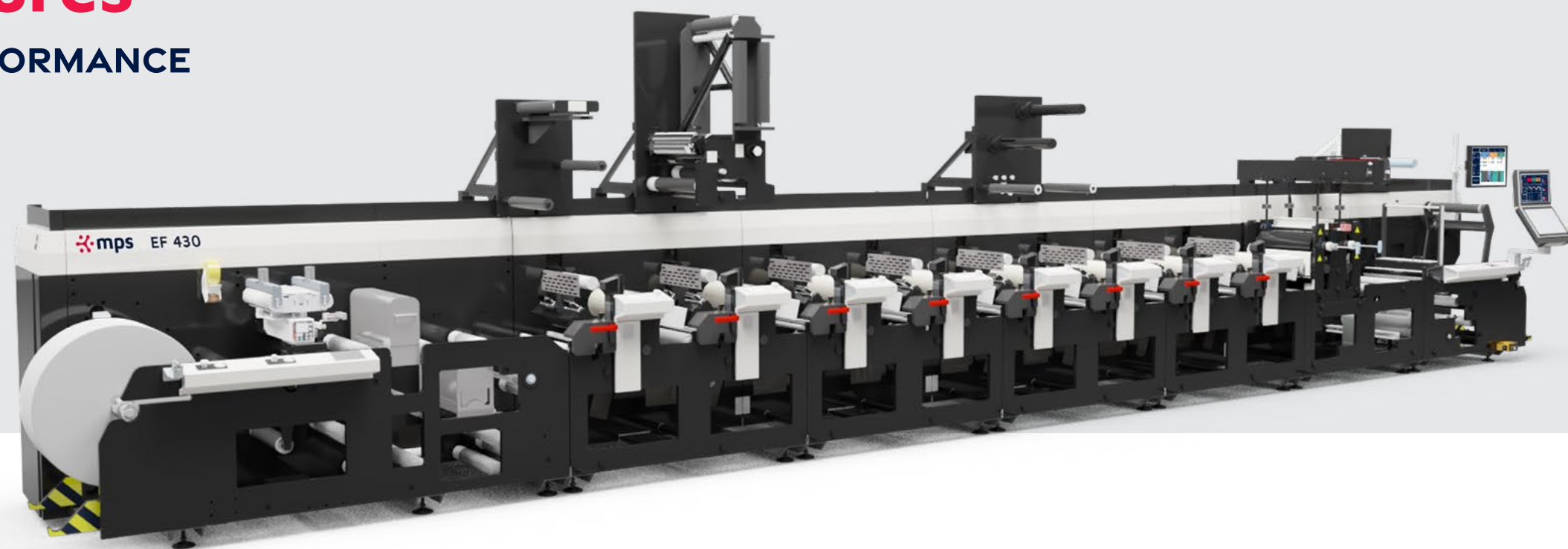
Automated 360° pre-register to save time and reduce waste.



Improved features

FOR YOUR MAXIMUM PERFORMANCE

To help you unleash your printing potential and maximise the results from your EF press, we have continued with our innovative philosophy and now bring forward the 7th generation of our flagship EF platform



Standard slide-out ink drawer

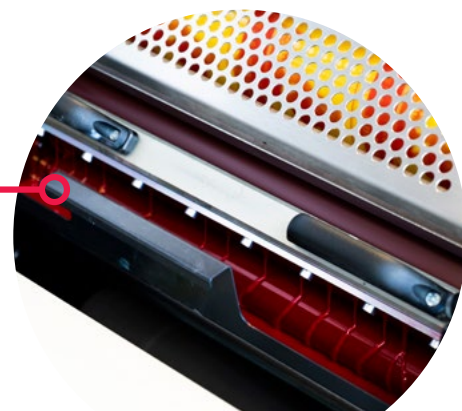
Shorter changeovers and shortened preparation time for the next job with optimal accessibility.

Now standard on all EF models.



Quick-Change Inking unit

Engineered with an open ink system, it minimizes ink and consumable usage while boosting efficiency and productivity.



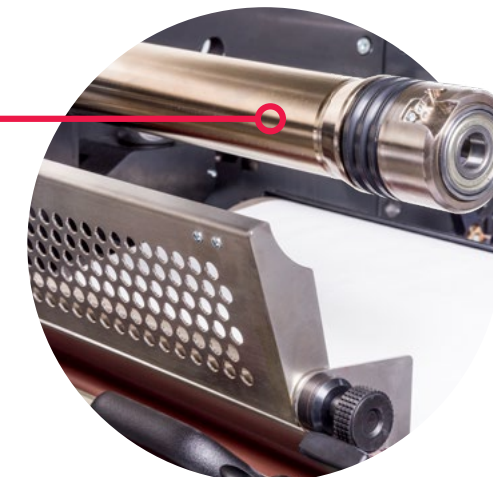
Did you know?

Open ink system combines with a slide-out ink drawer, it enables the fastest ink changes in the industry—reducing waste and setup time significantly.



E-sleeve with quick release

Full aluminium sleeve & mandrel (no air) delivers predictable print quality, easier and faster job changeovers, and longer lifetime of tooling.



Advanced Job Memory

Improved user-interface resulting in less manual adjustments, faster set up and less waste.



Smart Connectivity & Performance

Equipped with IoT, the press transforms into connected and future-ready machine - The Smart Factory - helps you stay ahead of the competition.



M2M (Mark-to-Mark) Register

Perfect register alignment in both axis and reduced waste.



Extended web width to 580mm

More application opportunities such as shrink sleeves and higher productivity.

Where Performance Grows

BUILT ON CONNECTION & COLLABORATION

You already know what to expect from an MPS machine: precision, consistency and reliability. But real performance? That happens when everything connects. We've spent years evolving our performance promise into something bigger: a system where machines, people and data work together to deliver measurable growth.

The MPS Performance Tree

A machine is just the beginning

Think of performance like a tree. The roots symbolize the unseen systems that feed and power progress - insight, data, connection. The trunk represents your MPS machine built on solid engineering and supported by smart, reliable service. And the fruit? That's the measurable result in higher output, less waste, better margins and more.

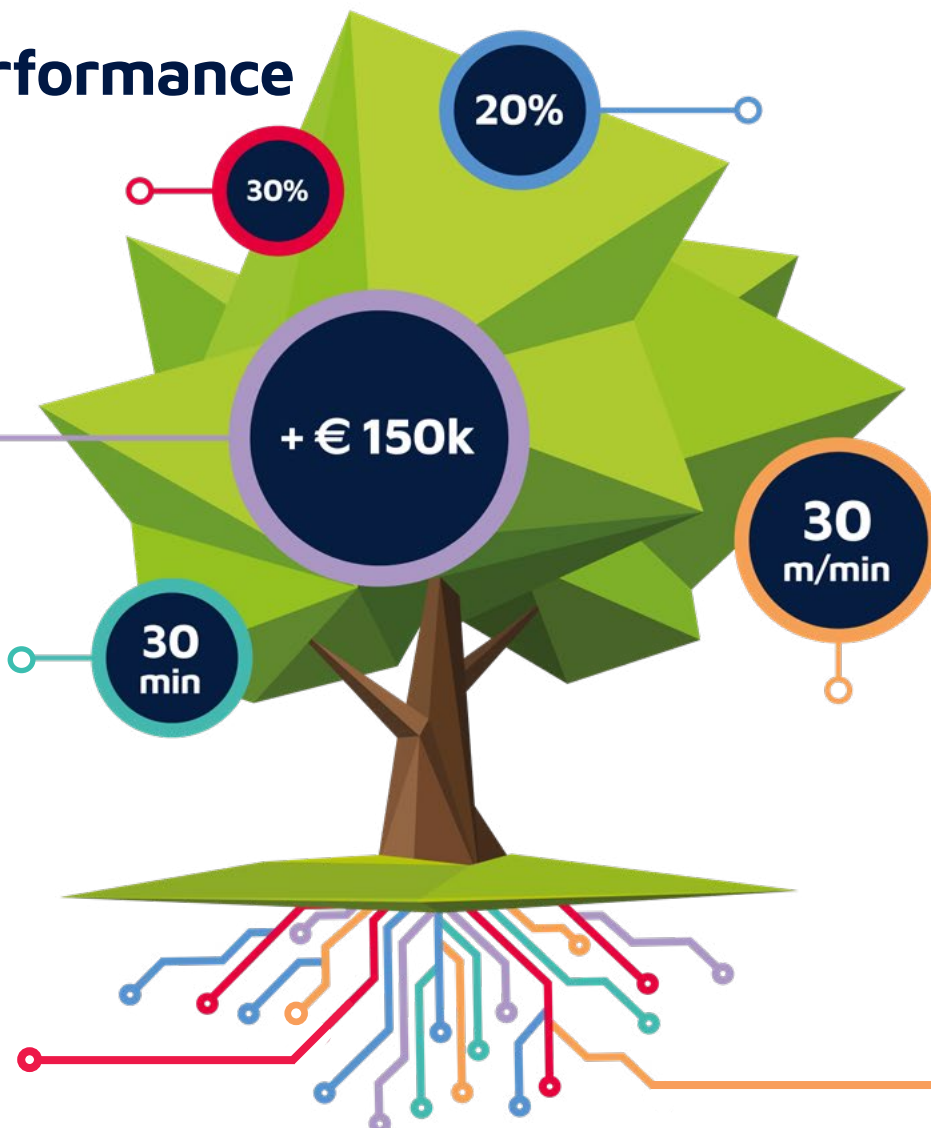
It's a simple image with a powerful message: when everything is connected, performance grows.

The Fruit of Performance

What growth really looks like

The MPSConnect Ecosystem is designed to connect every part of your operation - so when one area improves, the rest benefit too. And the results? They speak for themselves.

- 30% waste reduction
- 30 m/min faster production speed
- 30-minute faster changeover
- 20% more production volume
- €150,000+ in annual savings

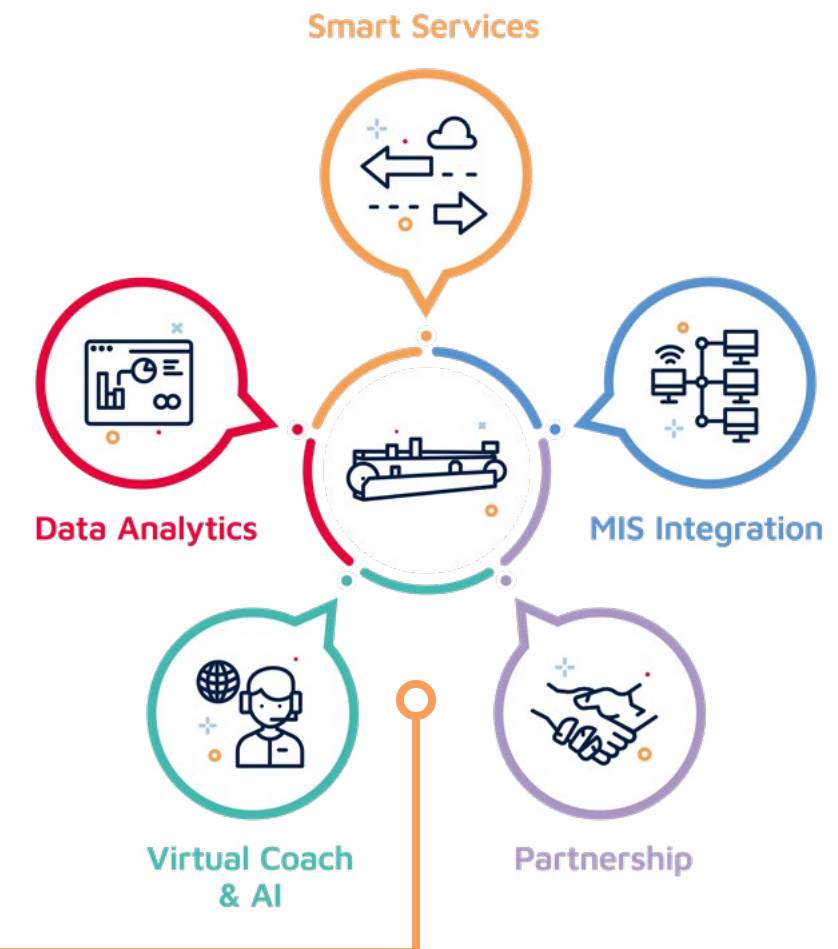


CONNECT TO GROW

MPSCoconnect Ecosystem

THE ROOTS OF PERFORMANCE

A great press is essential but it's the ecosystem around it that defines how well it truly performs. Like the roots of a tree, the 5 connected pillars work beneath the surface to power everything above. On their own, each adds value. Together, they support everything above.



Real Stories. Real Numbers. Real Growth

Juha Ääritalo
Production Manager
at Auraprint, Finland

"MPS has strengthened our operations. We're eager to continue this partnership and reach new heights."

"MPS has been an incredible partner. Their openness in sharing knowledge and production data has helped us better understand how to utilize the press and increase our throughput."

Tim Felker
Plant Manager
at Inland, USA



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Applications

The EF press is a multi-substrate press, well-suited for various label and flexible packaging applications, including: Self-adhesive labels, shrink sleeves, wrap-around, in mold, multi-layer labels, lami tube, blister lidding and many more.

The EF platform offers endless functionalities for converting, such as:

- ▶ UV, LED, Hot Air drying
- ▶ Adding various printing technologies, including: screen, gravure, monochrome inkjet
- ▶ Multiple options for multi-layer printing
- ▶ Die-cutting: rotary, semi-rotary
- ▶ Embellishing: embossing, foiling
- ▶ & many more!

We were looking for a press with improved performance and technology which would enable the business to have minimal make ready-times and improve overall productivity. This press ticked all our boxes. The benefits of the MPSCoconnect programme will allow us to further enhance and improve our performance and output in the future"

Morag Ash

Bizerba, UK

EF next generation specifications

Material width	340 mm / 13,5 inch 430mm / 17 inch 530 mm / 21 inch 580 mm / 22,5 inch
Printing width	330mm / 13 inch 420mm / 16,5 inch 520 mm / 20,5 inch 570 mm / 22 inch
Mechanical speed	200 m/min 650 ft./min
Repeat size sleeves	10 - 25 inch
Substrates	15 - 450 µm 0,6 - 18 P

Features

Crisp.Dot Technology	●
Job memory	●
AutoTeach	●
Non-stop print change	●
Slide-out ink drawer	●
MPSCoconnect	●
Centralised main control panel	●
Machine controls at every print station	●
iStop	●
Quick Change Die Station	●
Advanced Automation	●

● Standard ● Optional



 **mps**

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