

7 reasons to work with an Esko flexo platemaking workflow

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1. **Ease of use**
2. **Plate independent**
3. **All sizes and all applications**
4. **A complete flexo solution**
5. **Modular & scalable**
6. **Superior support**
7. **A proven track record of flexo innovation**



1. Ease of use: simplified plate making



Removing manual steps

The flexo plate making process consists of many complex & manual steps. This not only takes time, it also offers ample opportunity for human errors.

Esko's CDI Crystal is the easiest flexo imager to work with. Combined with the XPS Crystal UV unit, it turns the production of flexo plates into a coordinated, automated, linear process.

LED UV exposure improves consistency

The integration of digital imaging and LED UV exposure improves consistency.

A simultaneous and optimally controlled UV main and back exposure produces highly consistent digital flexo plates.

The CDI Crystal XPS drastically reduces

- operator intervention time by 73%
- errors 50% less plate waste
- manual steps by 50%

2. Be independent: work with any kind of flexo plate



Choosing for a CDI flexo imager gives you the freedom to work with the digital flexo plate and plate vendor of your choice.

No lock-in

The CDI delivers the quality your application needs, no matter what brand of flexo plate you choose.









































This freedom allows for cost-efficient production: you choose the plates that fit your application best.

3. All sizes and all applications

You can choose and configure an Esko CDI imager to match your current production needs, and expand capabilities as your business grows. That way you'll always be ready for the future.

From narrow web labels to super wide corrugated sheets: the CDI can accommodate all plate sizes.

By the way: imaging flexo sleeves of all sizes can only be done with an Esko CDI.

Name	Plate size/Sleeve size	Optics/Productivity
 CDI Spark 1712 / A3	 420 x 300 mm	 0.75 m²/h
 CDI Spark 2420	 609 x 508 mm	 0.75 m²/h  1.0 m²/h  1.5 m²/h
 CDI Spark 2530	 635 x 762 mm	 0.75 m²/h  1.0 m²/h  1.5 m²/h  2.5 m²/h
 CDI Spark 4835	 900 x 1200 mm	 1.5 m²/h  2.5 m²/h  4.0 m²/h  8.0 m²/h
 CDI Crystal 4835	 900 x 1200 mm	 4.0 m²/h  8.0 m²/h
 CDI Spark 4260	 1067 x 1524 mm	 1.5 m²/h  2.5 m²/h  4.0 m²/h  8.0 m²/h
 CDI Spark 5080	 1270 x 2032 mm	 1.5 m²/h  2.5 m²/h  4.0 m²/h  8.0 m²/h
 CDI Crystal 5080	 1270 x 2032 mm	 4.0 m²/h  8.0 m²/h

4. A complete flexo solution: from prepress to plate cutting



Hardware is only as good as the files that are being imaged. That's why Esko has dedicated software for flexo prepress, built on years of expertise.

Prepress editors on Mac and PC help you with getting packaging and label jobs print ready.

Plug-ins for Adobe® Photoshop® allow you to visualize flexo plates on screen, check high-light breaks, avoid scum dots, automatically correct images for flexo.

Esko's Digital Flexo Suite offers significant cost savings by helping companies with automatic plate cutting. It helps reduce waste and makes plate mounting a lot easier and more accurate.

Esko offers the full range of expert prepress tools for flexo solutions. From intuitive PDF editing to project management and workflow automation.



4. A complete flexo solution: take control of the plate room

Powerful automation

Esko's Automation Engine gives the prepress department everything it needs. The automat-ed flexo platemaking module runs a fully automated workflow: it prepares .LEN files for plate making without human intervention.

The Platemaking module removes the need to manually crop and extend .LEN files, it also adds QC files, and cutting paths for non-staggered files, that can be send to the Kongsberg cutting table automatically.

The prepress department in the driver's seat

With Device Manager, the prepress department has all the necessary information to priori-tize and organize plate making queues to produce the right plate, at the right time.

- Reduced complexity in the plate making room
- Makes production planning transparent and controlled
- Simplifies reporting and analytics

5. A modular solution: bring deep flexo know-how on board



Print Control Wizard

The industry is looking for simplified prepress solutions that can be implemented fast and used with a reduced amount of training.

The combined CDI Crystal XPS solution makes flexo plate making easier than ever. The Print Control Wizard makes sure that 'easy' doesn't mean that you must sacrifice quality.

One wizard: decades of flexo knowledge

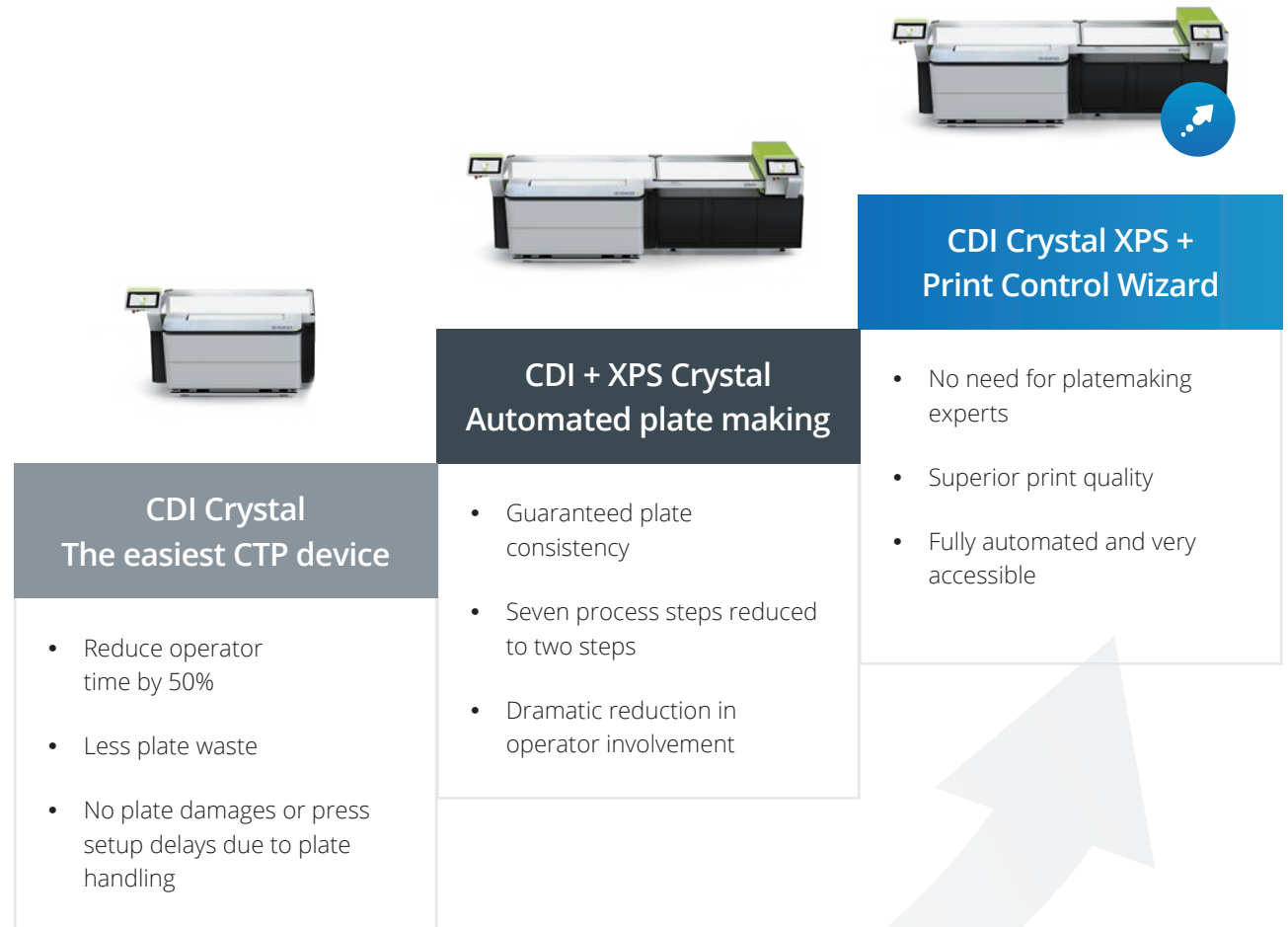
Esko's decades of flexo know-how are now consolidated in one handy wizard. The tool uses all critical print parameters and variables (imaging resolution, exposure settings, plate, substrate, anilox, press type, inks, ...) to automatically generate the perfect screens and curves for each application.

The wizard sends the print-ready one up directly to the imager, along with all necessary print parameters. This can be done manually or automatically by the workflow!

5. A modular solution: scale up as your business grows

The Esko flexo platemaking solution is scalable, you can for instance start with the CDI Crystal and invest towards the highest quality as you see fit.

By adding the XPS UV exposure unit you not only boost quality, you also reduce operator involvement. What's more, the Print Control Wizard eliminates the need for flexo experts.



6. Superior support, available worldwide

A vast global service network

To make sure our customers have a maximum uptime, we built a vast global service network. Your company can rely on fast and continuous customer support, in your language. Proper maintenance guarantees that your Esko equipment will perform at the highest quality level for many years.

Esko Academy

Professional training enhances the skills of your employees, increases productivity and positively impacts the return on your investment. The Esko Academy offers a wide and diverse range of training sessions to achieve these goals.

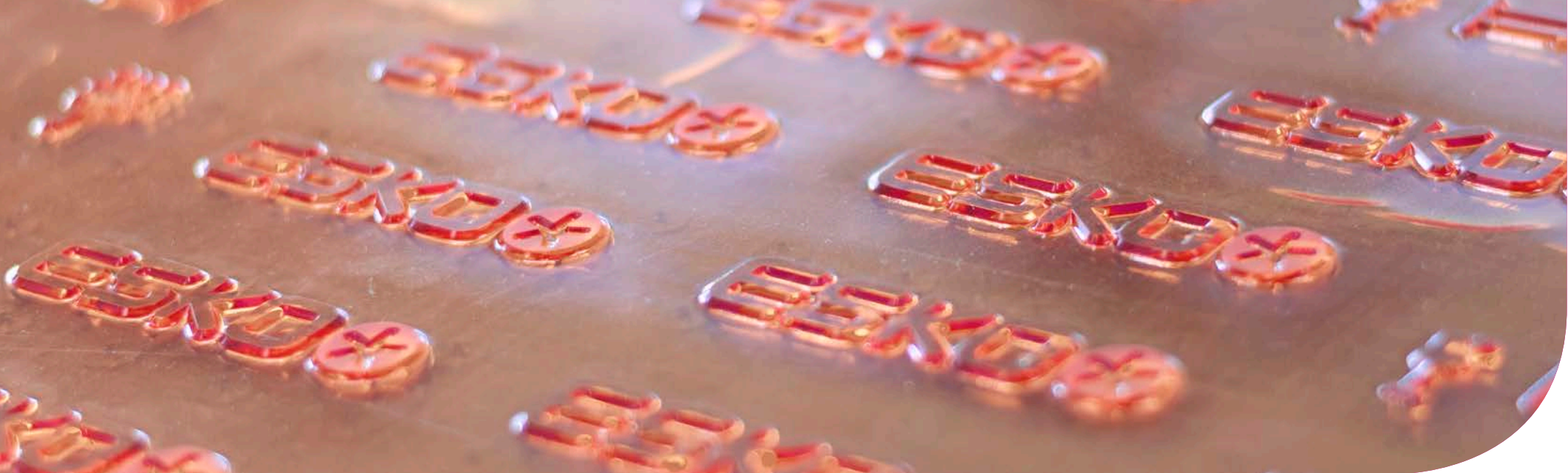
Solution Services

Esko's Solution Services team helps you take cost out of processes, raise productivity and improve the quality of your output. Our team of experienced Solution Architects provides business and technical expertise adapted to your requirements.

Invest on your scale

Investing in your future is not something you go about lightly. Esko has set up to assist with all-in financing solutions for your hardware and software investments. Esko Finance offers a wide range of flexible financing solutions and allows freedom to choose the best fit financing model.





7. A proven track record of flexo innovation

Esko is the undisputed global market leader in digital flexo imaging. Esko's flexo solutions continue to innovate by pushing flexographic print quality to new standards.

Flexo plate production has never been this straight forward. What's more, Esko is the only independent expert that covers the entire scope of flexo platemaking.

Esko flexo plate making solutions are open to all brands of digital plates and sleeves used in the industry.

A globally deployed service staff of more than 500 help improve customer processes and guarantee maximal uptime.

Contact a flexo specialist on info.eur@esko.com or visit www.esko.com/flexo for more information.

www.esko.com

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