

Speedy and versatile short run finishing

The Kongsberg *i*-XE10 Automated



Bring short-run production in house!

Whether your business is commercial offset, digital printing, screen printing or sign & display graphics, you want to grow your business and extend your offerings, but you don't want to hurt your margins. You want to have a portfolio that sets you apart from your competition without having to outsource digital finishing for your short-run work.

In house finishing

The *i*-XE10 Auto is the answer: it offers automated short-run production on a big range of materials.

By bringing your production and finishing in house, you save time and money. By eliminating third-party suppliers you are able to get jobs done a lot faster, without relying on the services of others.

The *i*-XE10 Auto is an extremely versatile machine, allowing you to branch out. Extend your offerings and present your customers with limitless possibilities.

A wide range of applications

Get stunning results on materials from thin coated and uncoated papers, folding carton, over pressure sensitive vinyl to thin polycarbonate and much more.

- Announcements and invitations
- Automotive graphics
- Backlit signage
- Brochures
- Business cards
- Custom packaging
- Direct mail
- Display graphics
- Domed graphics
- Door hangers
- Floor graphics
- Labels
- Magnets
- Membrane switches
- Panel overlays
- Photographic prints
- POP graphics
- Product displays
- Shelf talkers
- Slot machine graphics
- Specialty graphics
- Standees
- Static clings
- Skins, stickers & decals
- Trade show graphics
- Vinyl lettering
- Window film

Versatile short run finishing with the *i*-XE10 Auto

The Kongsberg *i*-XE10 Auto is designed to offer a fast, productive solution for digital finishing of signs and displays. Recognized by large versatility in tools and knives, Kongsberg *i*-XE10 handles many materials. This allows you to offer a large range of products to existing and new markets.

Produce any shape – differentiate by perfect finishing and creative solutions.

The tooling system with a wide range of tools and knives is fast to install and easy to maintain. Its lightning-fast motion, combined with superb accuracy increases finishing productivity and quality.



i-cut® Vision Pro and *i*-script™ workflow allow die-less cutting contours to perfectly match printed images.

With the *i*-cut® vision system you guarantee the cutting contour perfectly matches the printed graphics.



New high-speed sheet feeder ideal for small-format, digitally and screen printed materials: short setup time; high versatility for different types of materials; easily removable for manual or roll-feed applications.

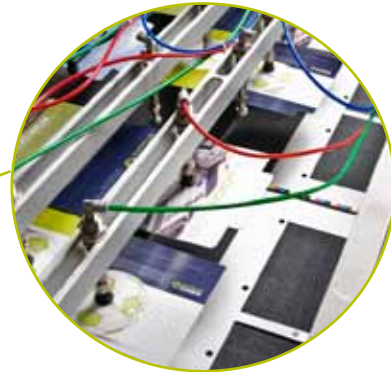




The custom operator console consists of an integrated PC workstation, screen, keyboard and operator panel.



The Kongsberg i-XE10 Auto is equipped with a conveyor system for automated material processing.



The new high-speed stacker separates the cut-out graphics from the waste. It is easily re-configurable for a variety of applications.



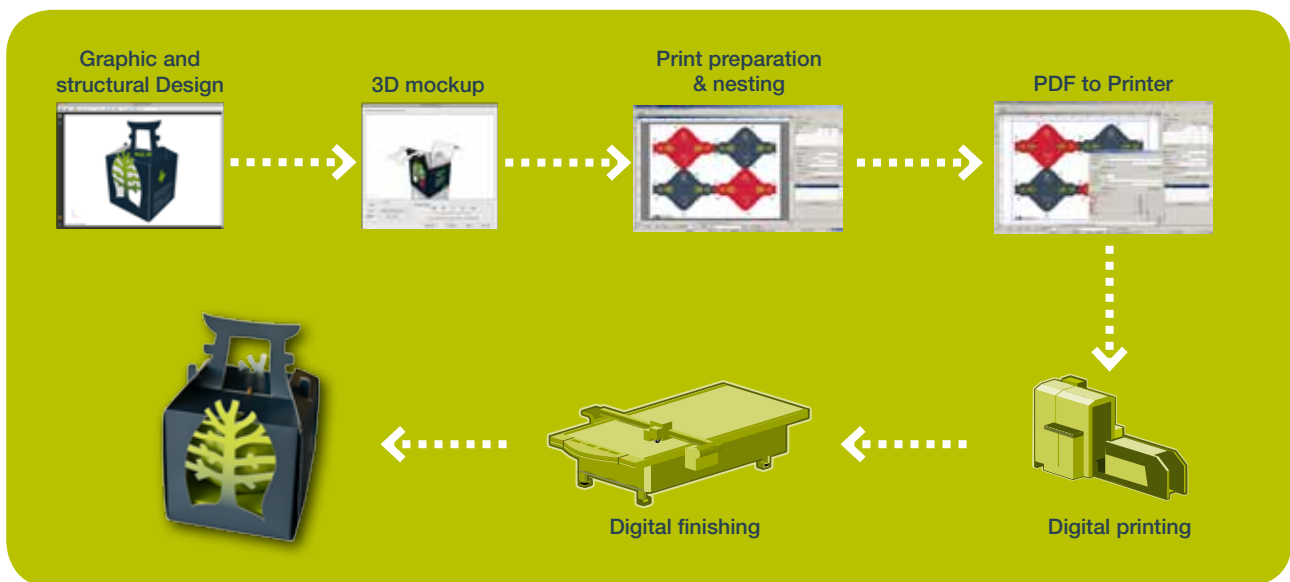
An integrated solution

The Kongsberg *i*-XE10 Auto comes with integrated software tools.

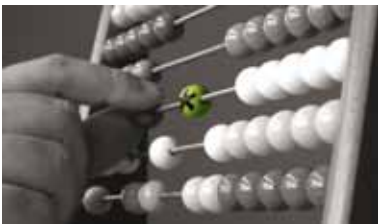
You want your production workflow to be smooth, dependable and above all: streamlined. The software tools that come with the Kongsberg *i*-XE10 Auto take care of all the necessary production steps.

From graphic and structural design, over PDF preflighting, to intelligent nesting and state-of-the-art finishing with the accuracy of *i*-cut Vision Pro. EskoArtwork supplies the software tools. And what's more, our software tools are scalable, so your set-up can grow as your business grows.

A perfect digital print production workflow



EskoArtwork Finance - tailored to your needs



Investing in your future is not something you go about lightly. We offer financial solutions for your hardware and software investments.

EskoArtwork Finance offers a wide range of flexible financing solutions. They bring freedom and free your working capital and investment budget. This means that you can allocate cash for other investments. Your cash-outflow better matches your cash-inflow generated by the revenues you get from using the new technology.

Technical specifications

	Kongsberg <i>i</i>-XE10 Auto
Overall dimensions including workstation	2295 x 4420 mm (7.5 x 14.5 ft) Cutting bed: 900 x 1200 mm (35" x 47"); <i>i</i> -HS Feeder: 720 mm x 660 mm (28.5" x 26"); <i>i</i> -HS Stacker: 900 x 1200 mm (35" x 47")
Maximum sheet size	900 x 1200mm, (35" x 47"); Feeder limit: 720 x 660mm (28.5" x 26")
Number of parallel in stacks	1 or 2
<i>i</i> -HS Stacker control points	24 control points as standard, individually configurable as suction or hold down points. Additional control points optional.
Minimum cycle time	15 sec/1 stack, 20 sec/2 stack. Design dependant
Control software	<i>i</i> -cut® Vision Pro (Integrated with XE Guide, feeder & stacker)
Work area	800 x 1100 mm (31" x 43")
Maximum speed ⁽¹⁾	80 m/min, 52.5 IPS
Maximum acceleration ⁽¹⁾	12 m/sec ² - 1.2G
Servo resolution	< 0.006 mm (< .00024")
Repeatability	± 0.02 mm (± .00078")
Addressable increment size	0.01 mm (.00004")
Max. horizontal cutting power, any direction	18.4 kg force - 180N - 40.5 lbs force
Max. vertical tool power	10 kg force - 100N - 22.2 lbs force
Traverse clearance with conveyor	20 mm (.787")
Operator console	Mounted on the side of the table, includes a table operator panel, main switch, emergency power switch. Can hold a controller PC with a flat-screen monitor, keyboard and mouse.
Operator safety	Included is the DynaGuard Safety System protecting operator and bystanders from potential machine hazards.
Optional automation features	Roll material holder
Software	Included components from EskoArtwork Software for signage and display to ensure perfect SW integration with the finishing device.

⁽¹⁾ Measured along the resultant of the X and Y-axis velocity vectors.

High-Speed Sheet Feeder System

New high-speed sheet feeder ideal for small-format, digitally and screen printed materials. Ultra short setup time.

- Auto-loads flexible materials such as paper, folding carton, pressure sensitive vinyl, polycarbonate...
- Max. material size LxW: 24" x 28.5" (610 mm x 725 mm).
- Max. thickness: 0.08" (2 mm).
- Servo linear actuator controlled, communicating with *i*-cut and cutter.
- Dimensions WxLxH: 37" x 49" x 38" (936 mm x 1250 mm x 964 mm).

High-Speed Stacker System

Ideal for stacking small format cut-out graphics, cards, cartons, decals, name plates. Ultra short setup time.

- Picks up cut-outs or entire sheet from the cutter conveyor and stacks on lift table.
- Maximum part size 26" L x 31" W (660 mm x 790 mm).
- 16 suction cup positions for any sheet size, up to 8 stacks.
- Built-in lift table for multiple stacks, waste is automatically discarded.
- Servo linear actuator controlled, communicating with *i*-cut and cutter.
- Dimensions (including conveyor extension) LxWxH: 64" x 56" x 42" (1625 mm x 1430 mm x 1070 mm).

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