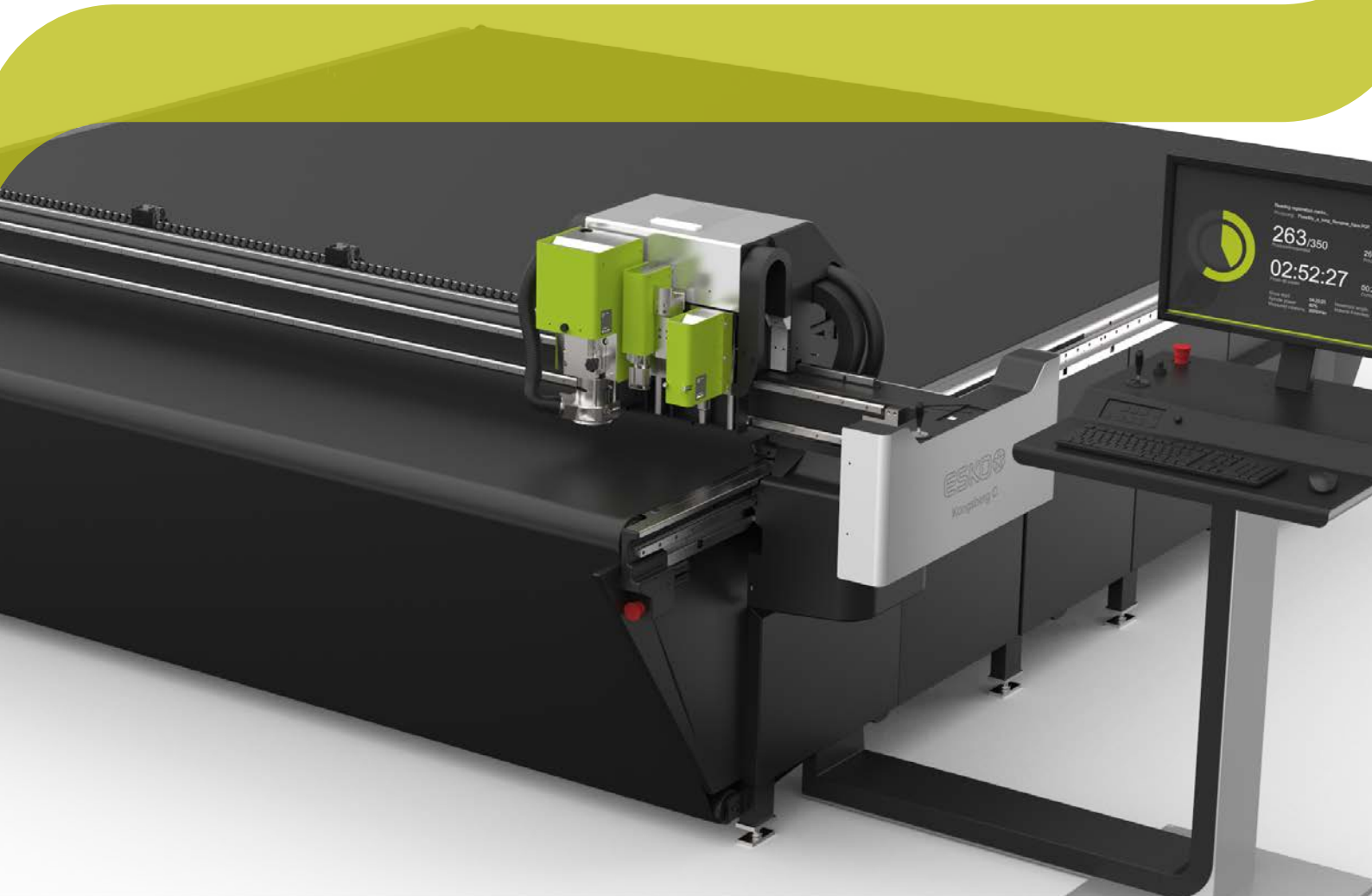
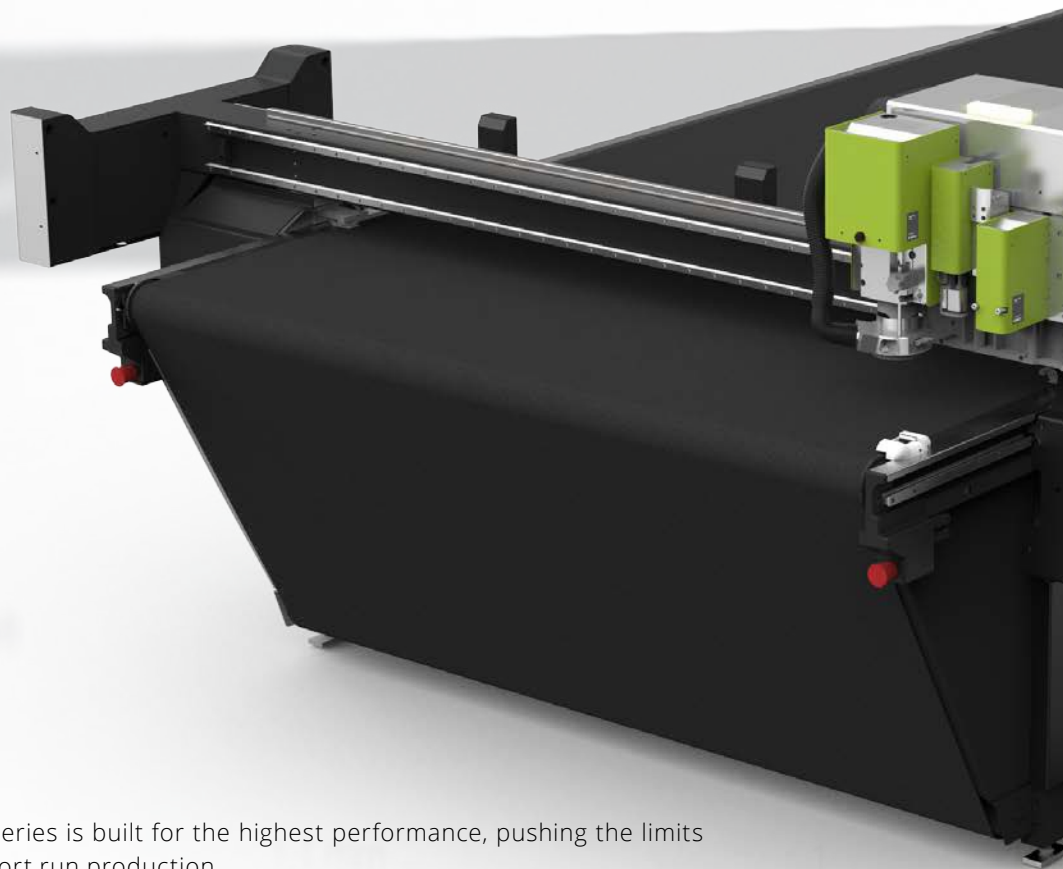


The most **productive cutting tables**
for packaging, signage & display
production



The Kongsberg C Series

Kongsberg C: Performance running on the industry's most solid platform



Kongsberg C series is built for the highest performance, pushing the limits of the term short run production.

The Kongsberg C offers speed (100m/min - 66 ips) and acceleration (up to 1.7G) with quick and precise tool movements, making high quality short run production possible, even under the tightest deadlines.

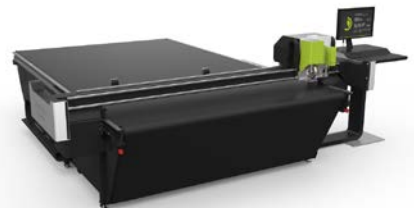
Kongsberg's iconic performance is made possible by rock solid engineering. The cutting table comes with a aluminum composite tabletop, rack & pinion drive system and dynamic table mapping.



Kongsberg C24s

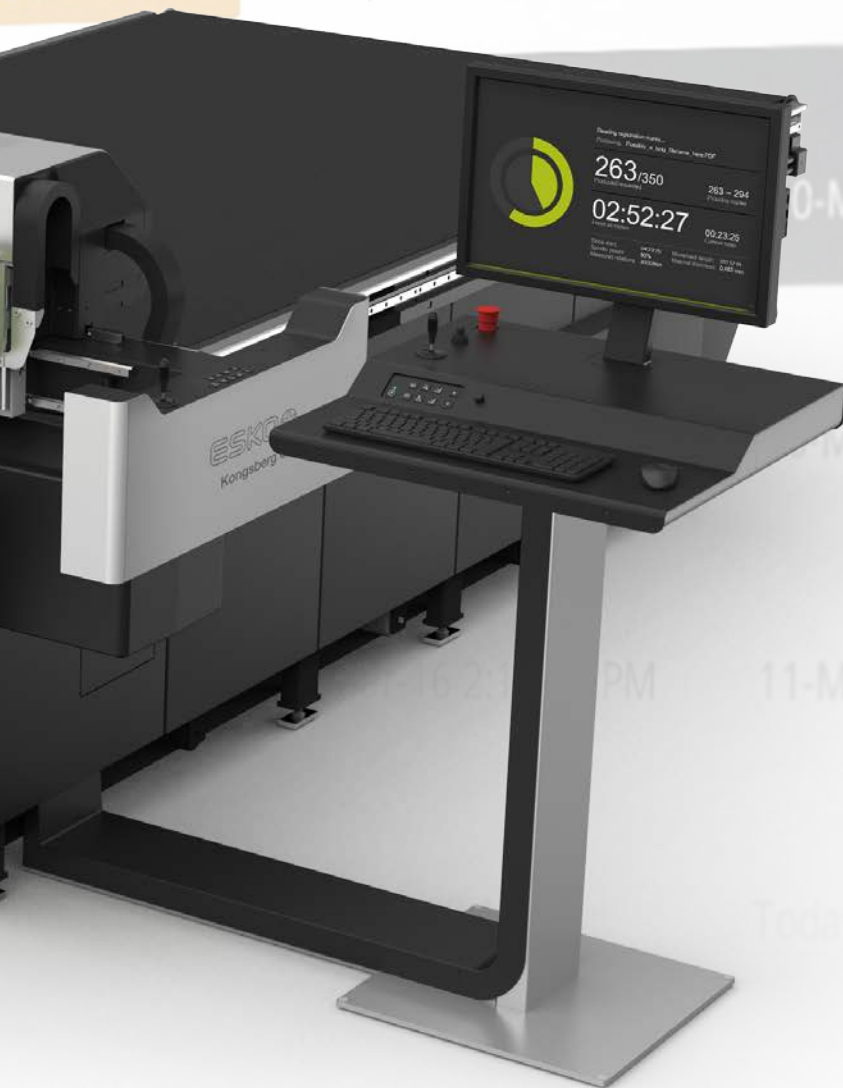


Kongsberg C24p



Kongsberg C44s

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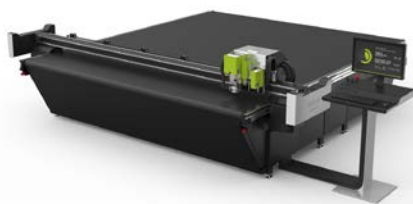


Carbon composite traverse

The Kongsberg C6x tables have a carbon composite traverse, which makes it possible to combine speed with quality. Even when spanning 3,2 meter. The extreme rigidity of the carbon traverse allows high speeds, accuracy and a heavy payload, even when working on the most demanding materials.



Kongsberg C44p

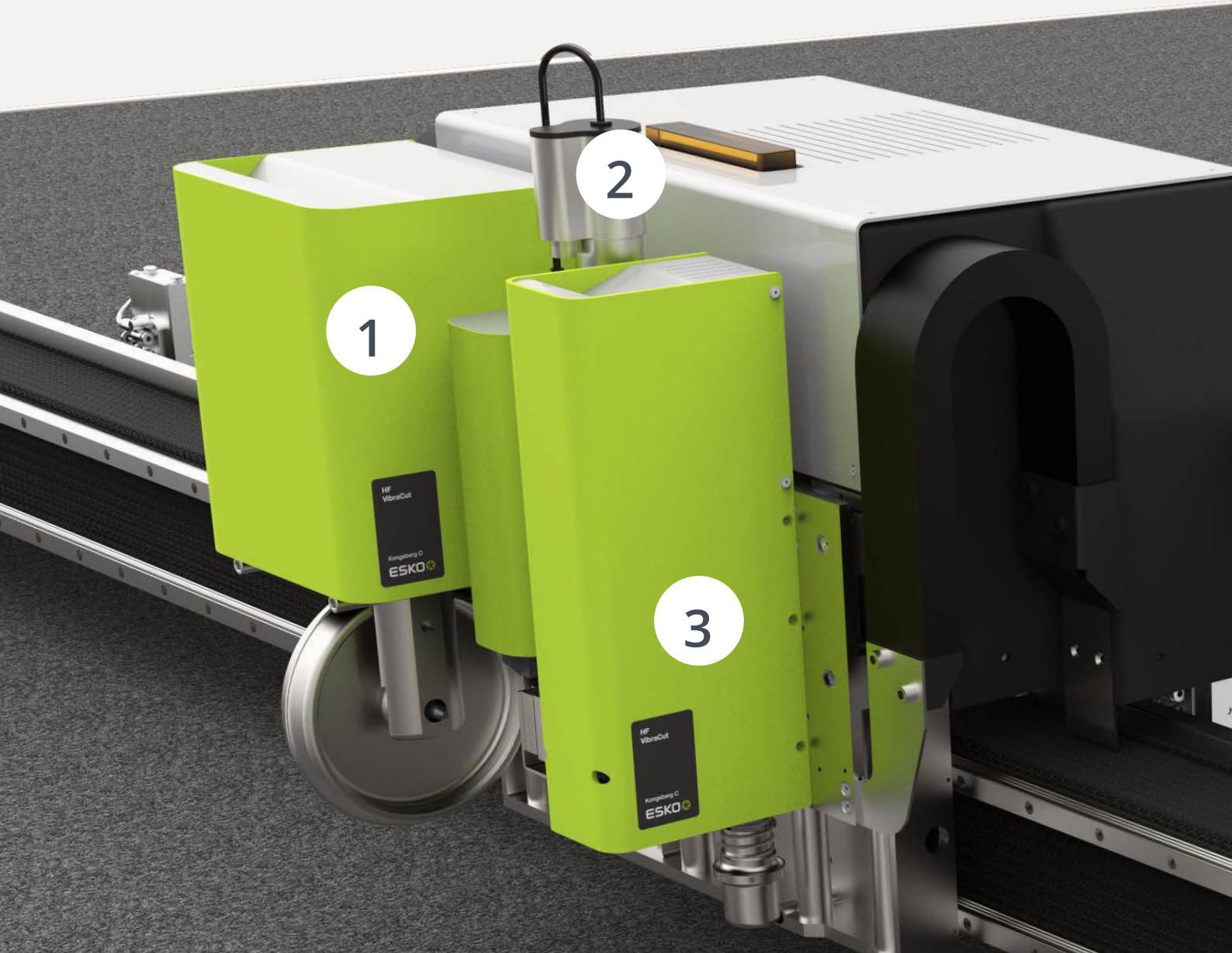


Kongsberg C60s

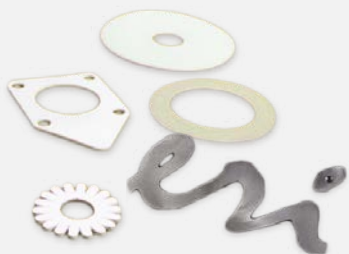


Kongsberg C66p

Increased throughput by high performance tooling



2D or 3D shapes or structures in any material. Creativity is the only limit when producing on a Kongsberg C cutting table.



Rigid signage



Display



Corrugated packaging

The Kongsberg C performance range works with a wide variety of optional tool units. Multiple tools are available during production, depending on the materials you want to process.

The tooling system includes a material thickness probe and an optional camera for registering printed material. The Kongsberg C performance tooling increases throughput and accuracy.

1. Heavy Duty Tool Position

Heavy Duty Tool Unit, can handle :

- › Large-size crease wheels for recycled liners and HD boards
- › V-notch inserts for TW corrugated, paper core boards and solid board
- › Straight-blade knife insert for long, straight cuts in heavy-duty boards
- › Crease blade insert for polypropylene boards
- › High-Power Milling Unit
- › Foam Cutting Unit

2. Insert Position

- › Drill Tool Insert
- › Ballpoint Pen Insert
- › FiberTip Tool

3. Fast Tool Position

- › High-frequency VibraCut Tool
- › VibraCut Tool
- › CorruSpeed Tool
- › Hi-Force Knife Tool
- › Psaligraphy Tool
- › RM Knife Tool
- › PressCut Tool
- › RotaCut Tool
- › Braille Tool
- Reciprocating tools for corrugated board, ranging from micro flute to triple wall, paper core boards, foamboards and thin foam panels
- Static knife tools for compact materials; paper, folding carton, solid board and synthetic sheets such as PVC, polypropylene, polycarbonate, etc.
- Tool for adhesive vinyl, with programmable blade pressure
- Motor-driven, rotating knife tool for textile materials
- Tool for making Braille signs, works together with milling tool



Folding carton



Plastic corrugated



Flexible signage

Increased throughput by **smart automation**

MultiZone production

MultiZone production allows you to load two sheets and maximize the production capacity on your Kongsberg cutting table without expensive automation add-ons.

MultiZone Operation Mode enables the operator to prepare one zone while the table processes the other, with automatic change-over when one zone is completed.

An optional zone control panel may be mounted on the table's side cover, providing a time-saving way of acknowledging that the zone is ready for production and also manual vacuum hold-down control.



Barcode production

Ensures consistent production, final quality and is especially recommended when several unique jobs are lined up. The camera will read the barcode automatically and apply the correct tooling and production settings.

- QR
- Data Matrix
- Code39
- Multiple stacks support
- MultiZone support

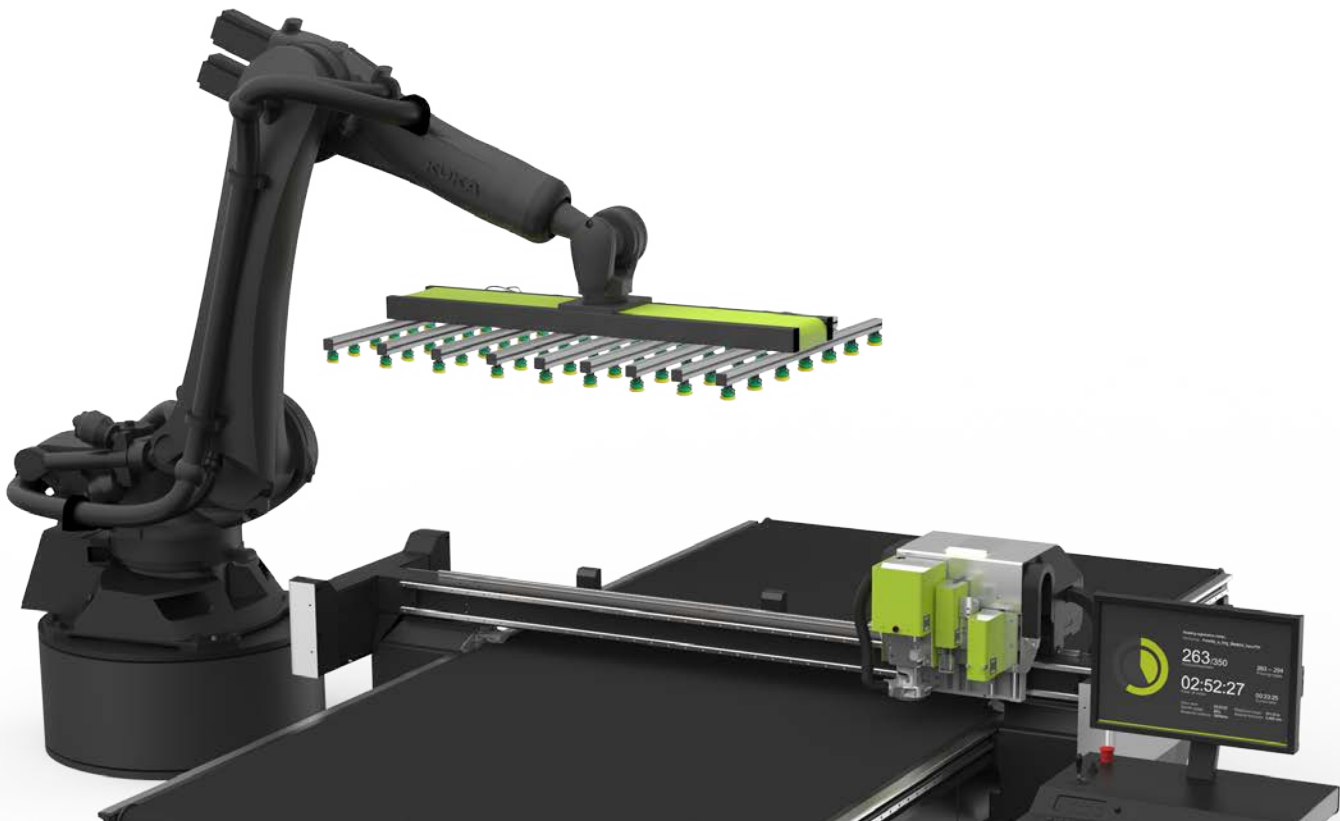


Sheet automation

Kongsberg Automate board feeder and stacker is an easy to use pallet to pallet material handling solution. With stack height at 915 mm/36 in and quick automatic load cycles it's the optimal solution for short run production in all typical packaging and display materials.

The Kongsberg quality is paramount throughout production, a board feeder that is specifically designed to cause no harm to the board or the print as it moves to the cutting table. The Kongsberg table quickly registers, cuts and then delivers the material to the pallet with perfect stack alignment to ensure consistent production with the next step in the workflow.





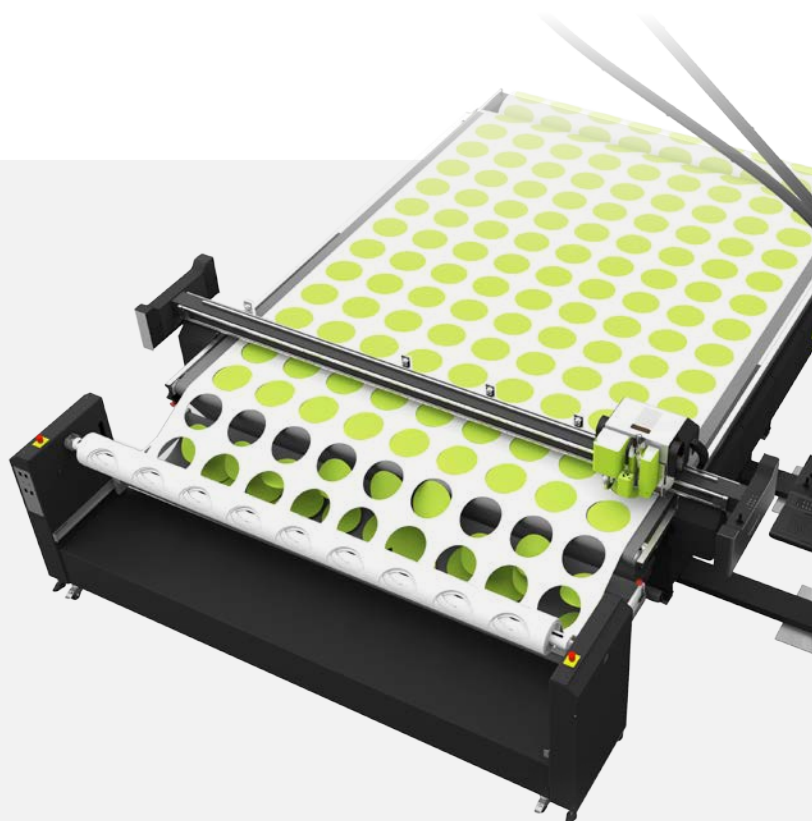
Robotic automation brings new opportunities

Robotic material handling brings advantages to the shop floor. The robotic arm loads material directly from a pallet and runs unattended for as long as you want it to. The grippers are able to work with wide range of materials and the cutting uptime is maximized to its full potential.

The robotic foot print flexibility allows automation for different production methods.

Roll automation

Roll automation is possible as a standalone solution, or as part of sheet & roll automation unit tailored to meet an increased production volume.



Increased throughput by **simplification**

Simplifying complex operations is key to driving productivity. Kongsberg Operate solutions make the production process very straight forward. Ergonomic design provides easy access to the cutting table from all

sides, without gallows or other elements to block the operator's movements. But there is more, a series of innovative solutions makes simplification a fact in every step of the workflow.

***i*-cut Production Console: a simplified user experience**

The *i*-PC comes standard on all Kongsberg tables and provides graphical icon based communication and a personalized (separate login) operator interface in most languages. *i*-PC includes technology for smart production methods, planning, reporting and everything else needed to ensure consistent, on time production.



Quick Box

Quick Box allows operators to make any box in 3 steps. Get a quick start to a new packaging design or simply make perfectly

fit shipping boxes on demand. There are no CAD design skills required. Quick Box is part of the *i*-cut Production Console.

ArtiosCAD Display Store

Never say no to a request! The ArtiosCAD Store makes POP display design very simple. The store offers POP design templates that are ready to produce on a Kongsberg cutting table. Visit esko.com/displays for more information.





Device Manager

The Device Manager offers machine visibility from everywhere. It shows all ongoing jobs and lets operators distribute those to optimize the use of the Kongsberg table(s). Device Manager helps reduce lead times, rejection rates and eliminates material waste; it allows managing short production runs intelligently and optimizes equipment output. Device Manager is an option for *i*-PC.



Shared resources

Simplifying is also replacing complex manual tasks with automation. The 'Shared Resources' functionality in *i*-cut Production Console analyzes incoming files and automatically selects the right tool, the correct table settings and the cutting sequence. The result? A fast and consistent production, no matter who operates the

table. You no longer need to wait for the most experienced operator to produce the complex jobs. With Shared Resources, you can deliver the short turnaround time your customers demand.

Keeping control in short run production

Streamline your operations
'From order in to invoice out'.

Find out the top 6 areas to reduce waste and add value!

6

6. Shipping

- Produce perfect shipping boxes on demand with QuickBox
- Easy interface: just enter the box dimensions
- Cut the box directly on the Kongsberg cutting table



1.3D Display Design

- POP design made easy with the ArtiosCAD Display Store
- Reduce POP display design time by 90%
- Expand your portfolio, offer profitable 3D applications



4

5. Finishing

- Get the most out your digital finishing equipment
- Smart technologies reduce table setup times
- Boost the throughput with integrated soft- & hardware solutions



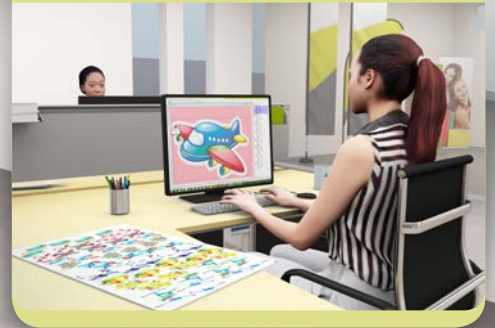
2. Approval

- Speed up customer approval cycles
- Use 3D files to communicate with customers
- Switch to virtual mock-ups and save up to 90%



3. Prepress

- Make files print-ready with dedicated sign software
- Optimal nesting, adding bleed, tiling...
- Get it right the first time, no try-and-error, avoid expensive rejects



4. Estimation

- Get a status view of your digital finishing tables from anywhere
- Automatic estimation of your jobs
- Intelligent workload balancing



Technical specifications

	C24	C44	C60	C64	C66	
Work area	1680 x 3200 66 x 126	2210 x 3200 87 x 126	3210 x 1600 126.37 x 63	3210 x 3200 126.37 x 126	3210 x 4800 126.37 x 189	mm in.
Work area, MultiZone production, standard tabletop	1680 x 1450 66 x 57	2210 x 1450 87 x 57	n/a	3210 x 1450 126 x 57	3210 x 2210 126 x 87	mm in.
Work area, MultiZone production, MZ tabletop (optional)	n/a	2210 x 1450 87 x 57	n/a	3210 x 1450 126 x 57	n/a	mm in.
Max. material width, w/o conveyor feed	1740 x 3700 68 x 146	2270 x 3700 89 x 146	3330 x 2125 131 x 83½	3330 x 3730 131 x 147	3330 x 5330 131 x 210	mm in.
Max. material width, w/ conveyor feed	1680 66	2210 87	3210 126½	3210 126½	n/a	mm in.
Overall dimensions incl. workstation	3600 x 3900 142 x 154	4100 x 3900 161 x 154	5100 x 2320 201 x 91½	5100 x 3920 201 x 154½	5100 x 5520 201 x 217	mm in.
Overall dimensions excl. workstation	2760 x 3900 109 x 154	3260 x 3900 128 x 154	4260 x 2320 168 x 91½	4260 x 3920 168 x 154½	4260 x 5520 168 x 217	mm in.
Weight	600 1325	800 1760	800 1760	1300 2870	1750 3960	kg lbs
Max. speed	100 m/min - 66 IPS					
Max. acceleration	1.72 G	1.65 G	1.57 G	1.57 G	1.57 G	
Vacuum sections	8	8	4	8	8	
Traverse clearance (excl. cutting underlay)	70 2.75"					mm in.
Maximum cutting / milling thickness	50 2"					mm in.
Application kits available	Pack. Prod. Sign Prod.	Pack. Prod. Sign Prod.	Pack. Prod. Sign Prod.	Pack. Prod. Sign Prod. Robotic Autom.	Pack. Prod. Robotic Autom.	

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