



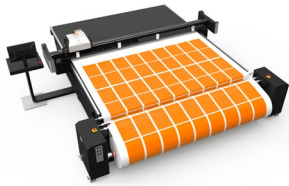
KONGSBERG C SERIES CUTTING PLATFORMS

Highly Productive Flatbed Solutions for Large Format Finishing

SMART CHANGE STARTS HERE.

THE KONGSBERG C SERIES ADVANTAGE

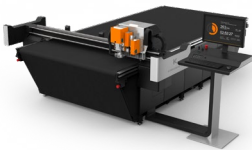
The Kongsberg C Series cutting platforms set a new standard for digital finishing by helping to deliver exceptional performance. Capable of reaching speeds up to 66 inches/second, accelerating up to 1.7 G, and executing fast and accurate tool movements, these platforms make it possible to achieve high-quality digital production, even when facing stringent time constraints.



Kongsberg C64 with Roll Feeder

With its advanced and robust engineering, the Kongsberg C Series cutting platforms help to provide outstanding production, setting them apart from the competition. By leveraging aerospace technology, the platform combines an aluminum composite tabletop, a rack and pinion drive system, and dynamic platform mapping to provide excellent cutting accuracy and consistency. The result is an industrial cutting platform that helps to consistently deliver superior results.

Carbon Composite Traverse



Kongsberg C24 Cutter

The Kongsberg C Series platforms incorporate a carbon composite traverse, which makes it possible to combine speed with quality, up to a 10-foot span. The extreme rigidity of the carbon traverse enables high speed, accuracy, and a heavy payload, even when working on demanding materials.

Barcode production



With this standard feature, barcode production allows for continuous, unmanned production while automatically changing material profiles and tooling presets for each substrate.

With reading QR codes, the system will automatically pick up cut files from anywhere in the network. This helps to deliver consistent quality and increased productivity, while ensuring first time right.

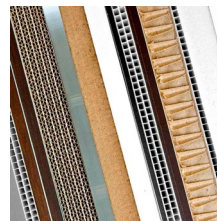
MultiZone production

MultiZone production helps to increase production capacity on Kongsberg cutting platforms without requiring expensive automation add-ons. The feature enables loading of two sheets simultaneously and allows operators to prepare one zone while the platform processes the other, resulting in automatic change-over when one zone is complete.

The optional zone control panel mounted on the platform's side cover helps to save time by indicating when the zone is ready for production and offers manual vacuum hold-down control for greater cutting process control.

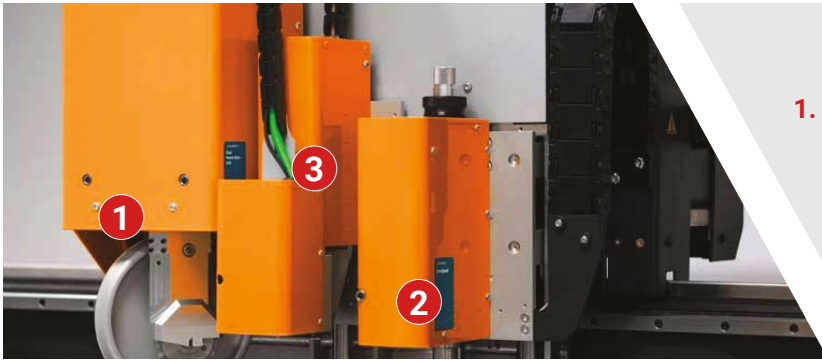
Overall, MultiZone production supports the cutting platform's enhanced efficiency, increasing productivity and throughput.

Material Flexibility



Kongsberg C Series platforms provide the speed, power, and flexibility to work with almost any material, especially corrugated, folding carton, solid board, foam, plastics, and textiles. Paired with

Kongsberg's 3 kW liquid-cooled, high-powered Milling Unit, end users won't have to compromise on versatility or finishing quality.



1. Heavy-duty Tool Position

2. Fast Tool Position

3. Insert Tool Position

The Kongsberg C performance range is designed to work seamlessly with a diverse array of optional tool units, allowing for multiple tool combinations to be used during production to accommodate various materials. The tooling system features a material thickness probe and an optional camera that can be used to register both printed and unprinted materials. By leveraging these advanced tools, the Kongsberg C performance range can significantly help to increase throughput and quality, leading to outstanding results on a consistent basis.

1 Heavy-duty Tool Position Options

- Large-size crease wheels for recycled liners and heavy-duty boards.
- V-notch Inserts for triple wall corrugated, honeycomb boards, and solid boards.
- 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.
- Dual Heavy-duty Unit that combines two independent wheels in one heavy-duty unit and makes it possible to cut, crease, and perforate a single job without tool changes.
- VariAngle Tool (V-notch cutting tool) that cuts at any angle between 0° and 60°, unlocks new creative potential for designers of POP displays, and helps to minimize operator handling and safety issues.

2 Fast Tool Position Options

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

3 Insert Tool Position Options

- Drill Tool Insert
- Ballpoint Pen Insert
- Fiber Tip Tool

C SERIES TECHNICAL SPECIFICATIONS



Specification	C24	C64
Work Area (W x L)	66" x 126" (1,680 mm x 3,200 mm)	126.37" x 126" (3,210 mm x 3,200 mm)
Work Area, Manual MZ Production, Standard Tabletop (W x L)	66" x 57" (1,680 mm x 1,450 mm)	126" x 63" (3,210 mm x 1,600 mm)
Max. Material Width w/o Conveyor Feed	68" x 146" (1,740 mm x 3,700 mm)	131" x 147" (3,330 mm x 3,730 mm)
Max. Material Width w/ Conveyor Feed	66" (1,680 mm)	126.5" (3,210 mm)
Overall Dimensions Incl. Workstation	142" x 154" (3,600 mm x 3,900 mm)	201" x 154.5" (5,100 mm x 3,920 mm)
Overall Dimensions Excl. Workstation	109" x 154" (2,760 mm x 3,900 mm)	168" x 154.5" (4,260 mm x 3,920 mm)
Weight	1,325 lbs. (600 kg)	2,870 lbs. (1,300 kg)
Max. Speed C	66 inch/sec (1666 mm/sec)	66 inch/sec (1666 mm/sec)
Max. Acceleration C	1.72 G	1.57 G
Vacuum Sections	8	8
Traverse Clearance (Excl. Cutting Underlay)	27.5" (70 mm)	27.5" (70 mm)

C Series Tool Trolley

The Tool Trolley helps keep your workspace tidy and secure, while also protecting your valuable tools. The wheeled unit provides easy access for up to two HD units and four fast tool units, as well as ample internal storage with two shelves and a dedicated drawer for bits and blades.

C Series Bits and Blades

Expand your cutting and routing capabilities by visiting the Kongsberg Store (kongsbergstore.com) to purchase bits and blades for your C Series cutting platform.



Large Format Solutions
100 Park Blvd., Itasca, IL 60143

CSA.CANON.COM
1-800-714-4427 | us.info@csa.canon.com