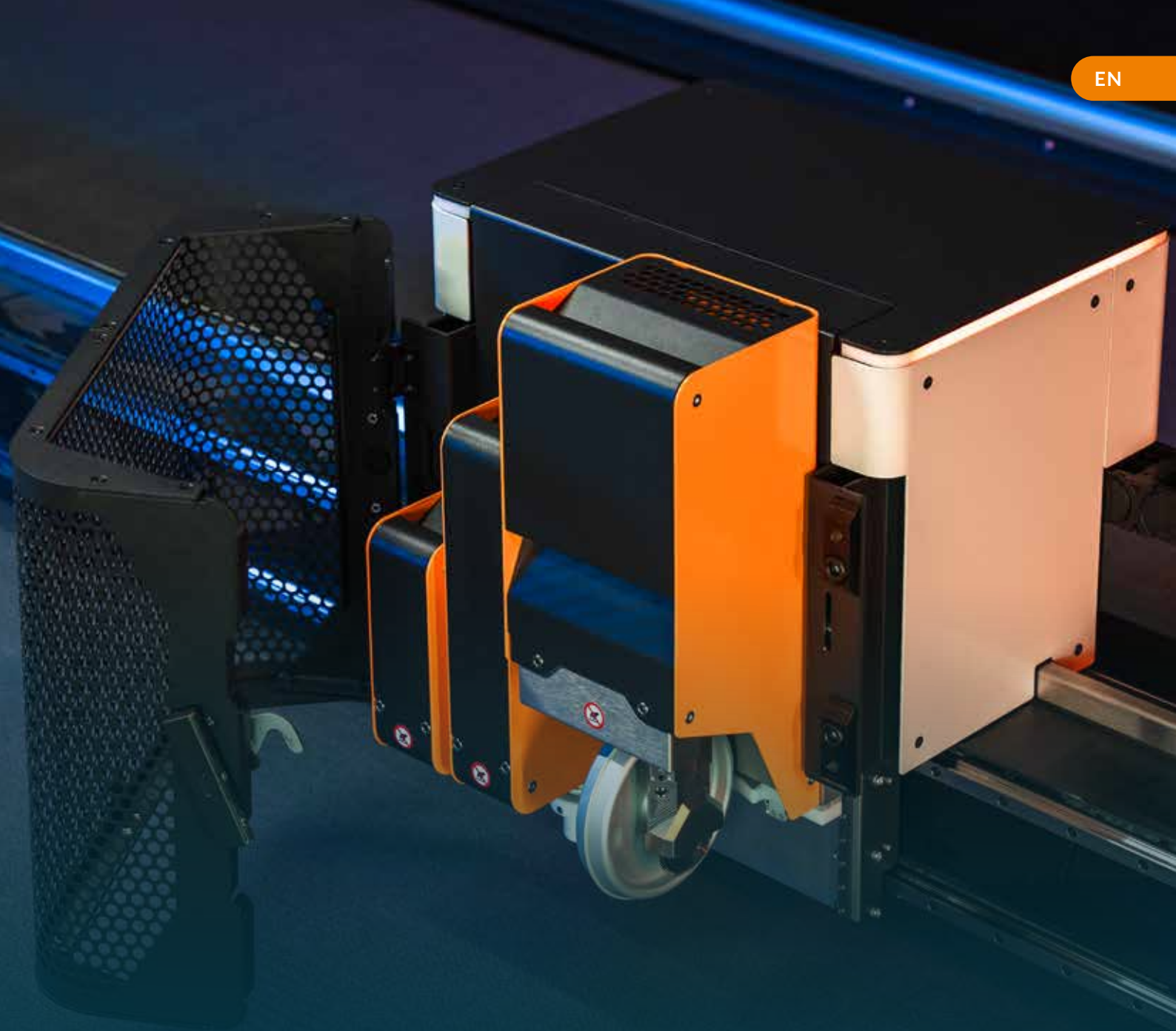




KONGSBERG ULTIMATE SERIES

# Tooling guide



# Table of contents

---

|                                                  |           |
|--------------------------------------------------|-----------|
| <b>Heavy-Duty Tools</b>                          | <b>5</b>  |
| Heavy-Duty Tool Unit                             | 5         |
| Dual Heavy-Duty Tool Unit                        | 6         |
| VariAngle Unit                                   | 7         |
| Foam Cutting Unit                                | 8         |
| <br>                                             |           |
| <b>Oscillating Knife Tools</b>                   | <b>9</b>  |
| VibraCut Knife Tool                              | 9         |
| High-Frequency VibraCut Knife Tool               | 10        |
| <br>                                             |           |
| <b>Static Knife Tools</b>                        | <b>11</b> |
| CorruSpeed Tool                                  | 11        |
| Rigid Material Knife Tool                        | 12        |
| Psaligraphy Knife Tool                           | 13        |
| Hi-Force Knife Tool                              | 14        |
| <br>                                             |           |
| <b>Specialty Tools</b>                           | <b>15</b> |
| RotaCut Tool                                     | 15        |
| PressCut Tool                                    | 16        |
| <br>                                             |           |
| <b>Tools for the (Dual) Heavy-Duty Tool Unit</b> | <b>17</b> |
| HD Knife 17                                      | 17        |
| HD Knife 30                                      | 18        |
| HD Bevel Knife                                   | 19        |
| 45° V-notch Knife                                | 20        |
| 45° V-notch Knife, 10 mm                         | 21        |
| 30° V-notch Knife                                | 22        |
| 22.5° V-notch Knife                              | 23        |
| 15° V-notch Knife                                | 24        |
| 15 mm Crease Wheel Adapter                       | 25        |
| 26 mm Crease Wheel Adapter                       | 26        |
| 60 mm Crease Wheel Adapter                       | 27        |
| 8 mm Crease Blade Adapter                        | 28        |

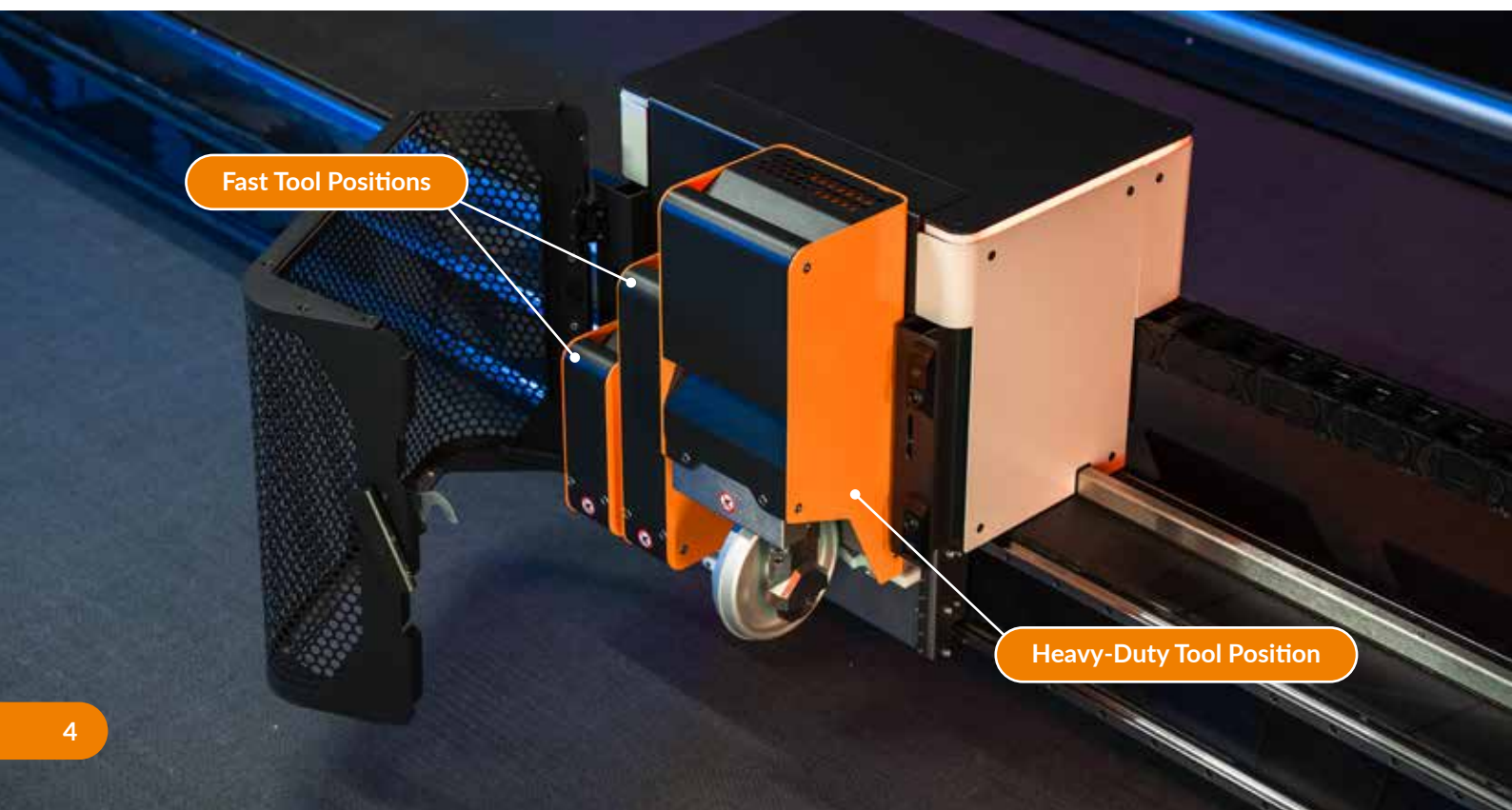
# The Kongsberg Ultimate tooling system

The Kongsberg Ultimate tooling system offers a wide variety of tool units, which can be quickly mounted in place.

The Kongsberg Ultimate tooling system features three tool positions, supporting up to four tools. These include **two dedicated fast-tool positions** and **one heavy-duty (HD) position**, which can also accommodate fast tools.

This system allows for both static and oscillating cutting and enables the use of two identical tools simultaneously by utilizing an ID-switch on board. For example, it is possible to equip the system with two CorruSpeed tools, each fitted with a different blade, for enhanced versatility.

|                  |                                    | Heavy-Duty Tool Position | Fast Tool Positions |
|------------------|------------------------------------|--------------------------|---------------------|
| Heavy-Duty Tools | Heavy-Duty Tool Unit               | ●                        |                     |
|                  | Dual Heavy-Duty Tool Unit          | ●                        |                     |
|                  | VariAngle Unit                     | ●                        |                     |
|                  | Foam Cutting Unit                  | ●                        |                     |
| Fast Tools       | High-Frequency VibraCut Knife Tool |                          | ●                   |
|                  | CorruSpeed Tool                    |                          | ●                   |
|                  | VibraCut Knife Tool                |                          | ●                   |
|                  | Hi-Force Knife Tool                |                          | ●                   |
|                  | Rigid Material (RM) Knife Tool     |                          | ●                   |
|                  | Psaligraphy Tool                   |                          | ●                   |
|                  | RotaCut Tool                       |                          | ●                   |
|                  | PressCut Tool                      |                          | ●                   |



# Heavy-Duty Tool Unit

Sales code: 23112747789



## What is it used for?

The Heavy-Duty Tool Unit (HDU) provides the capability to crease, V-notch, and cut straight lines at high speeds using a variety of adapters. This ensures superior performance with heavy-duty materials such as double-wall, triple-wall, and recycled board, as well as the latest environmentally-friendly boards.

It features 150 mm (6 in.) diameter crease wheels with a scoring pressure equivalent to 50 kg (110 lbs), making it ideal for creasing triple-wall and double-wall corrugated board with heavy liners. The large wheels also deliver superior crease quality on recycled corrugated board, as higher pressure can be applied without risking damage to the liner.

The HDU can also perform V-notch cutting, producing mitered corners and extremely precise folds for applications such as pallet loading, container cushioning pieces, and paper core board displays.

## Materials

The HDU can process all types of corrugated boards up to triple-wall, including those with high recycled content, as well as fluted core board, honeycomb, corrugated plastic, and foam board.

## Benefits

- 50 kg (110 lbs) downforce
- Powerful head rotation
- Supports a wide range of V-notch tools (multiple angles) and heavy-duty knife tools

## Included in package

- Heavy-Duty Tool Unit
- 150 mm Ø 4-point crease wheel
- 150 mm Ø 6-point crease wheel
- 150 mm Ø U-shape crease wheel
- Adapter for 26 mm diameter wheels (excl. crease wheels)
- 2-point, 3-point, and 6-point 26 mm crease wheels

# Dual Heavy-Duty Tool Unit

Sales code: 23112742788



## What is it used for?

The Dual Heavy-Duty Tool Unit (Dual HDU) performs creasing, perforating, and V-notch cutting at high speeds with various adapters. It handles heavy-duty materials like double-wall, triple-wall, and recycled boards, as well as eco-friendly options.

With 150 mm (6 in.) diameter crease wheels and 50 kg (110 lbs) of pressure, it creases thick corrugated board and provides excellent results on recycled material. The Dual HDU also features a separate 60 mm wheel position for creasing and perforating boards up to 6 mm (¼ in.) thick without changing tools, improving productivity.

It also cuts V-notches for applications like pallet loading, container cushioning, and paper core board displays.

## Materials

The Dual HDU can handle a wide range of materials, including all types of corrugated boards up to triple-wall, with high recycled content, as well as paper core board, honeycomb, corrugated plastic, and foam board.

## Benefits

- 50 kg (110 lbs) downforce
- Separate holder for 60 mm perforation wheels
- Powerful head rotation
- Wide range of V-notch tools (multiple angles) and HD knife tools

## Included in package

- Dual Heavy-Duty Tool Unit
- 150 mm Ø 4-point crease wheel
- 150 mm Ø 6-point crease wheel
- PERFormaX 955 perforation wheel, 9 TPI x 0.060 in. (1.5 mm), 55% space hold strength
- PERFormaX 568 perforation wheel, 5 TPI x 0.135 in. (3.4 mm), 68% space hold strength
- 5x5 mm perforation wheel
- 7x5 mm perforation wheel

## Software requirements

iPC version 2.3 or higher.



# VariAngle Unit

Sales code: 23112715790



## What is it used for?

The VariAngle Unit allows for straight cuts (0°) and V-notch cuts at angles from 0° to 60°, in 0.5° increments. The tool automatically adjusts the knife angle based on the input file, and the angle can be set in both Esko ArtiosCAD and iPC.

## Materials

The VariAngle Unit can process various materials, including all types of corrugated boards up to triple-wall, paper core board, paper-based honeycomb, corrugated plastic, foam board, and solid board.

## Material thickness and angle overview

- Up to 60° for materials up to 16 mm thick
- Up to 45° for materials up to 20 mm thick
- Straight cuts (0°) in materials up to 30 mm thick

## Benefits

The VariAngle is a unique tool that automatically adjusts the cutting angle (from vertical to 60°) without stopping production to change tools, boosting productivity.

- Enables faster design exploration and quicker time to market
- Reduces operator involvement, improving safety by minimizing handling of tools and blades

## Included in package

- VariAngle Unit
- Knife adapter for standard knife blades
- 1x BLD-SF640 knife blade
- 2x BLD-SF641 knife blades

## Optional

- Short knife blade adapter (97AR5957)
- BLD-SF620 knife blades

## Software requirements

iPC version 2.4.1 or higher.

# Foam Cutting Unit

Sales code: 25010902967



## What is it used for?

The Foam Cutting Unit (FCU) is a heavy-duty tool designed for cutting a wide range of foam materials up to 50 mm (2 in.) thick, commonly used in the protective packaging industry.

Equipped with a reciprocating knife optimized for low-density, porous materials, the FCU operates with a 4 mm stroke length and 4,800 strokes per minute. Its precise Z-axis control ensures consistent partial cuts, which is crucial for many foam designs.

Support wheels apply pressure on the foam, improving cutting performance while protecting the user from sharp blades. The tool can cut at speeds of up to 15 m/min, depending on material quality. It also works with a variety of blades, making it suitable for honeycomb and fluted core board.

## Materials

The FCU is suitable for cutting a variety of materials, including polyethylene foam, expanded polystyrene foam, fluted core board, and paper honeycomb board.

*Note: Some foam materials may melt and stick to the knife. Materials with open cells may require additional support to hold them down.*

## Benefits

- High-speed cutting of a wide range of foam materials
- Versatile with a large selection of specially designed blades
- Support wheels to stabilize material during cutting

## Included in package

- Two adapters: one for materials up to 32 mm (1¼ in.) thick and one for materials up to 50 mm (2 in.) thick
- Adapters accept BLD-SR63xx and BLD-SR65xx blades (two of each type included)

## Optional

- Adapter for flat 40 mm blades (34014845)



# VibraCut Knife Tool

Sales code: 23112859799



## What is it used for?

The VibraCut Knife Tool is ideal for cutting single- and double-wall corrugated boards, soft foam boards, corrugated plastic, and other light-duty fibrous materials. Operating at 6,000 strokes per minute with a 0.3 mm amplitude, it delivers high-speed cutting on quality materials.

A floating foot minimizes material tear and ensures stability, while its synthetic cup prevents scratches on printed surfaces. Interchangeable adapters support various knife types, with a maximum cutting thickness of 10–20 mm ( $\frac{3}{8}$ – $\frac{1}{2}$  in.), depending on the blade.

## Materials

The VibraCut Knife Tool is compatible with a variety of materials, including single- and double-wall corrugated board, micro flute, soft foam board, and corrugated plastic.

## Benefits

- High-speed cutting (full machine speed on quality materials)
- Versatile, handles a range of porous materials
- Durable, high-quality knife blades

## Included in package

- BLD-SR6xxx blade adapter with:
  - › 3x BLD-SR6223 blades
  - › 3x BLD-SR6224 blades
- Gliding foot for materials up to 20 mm ( $\frac{3}{4}$  in.)

## Optional

- (97AR931) Separate adapter for BLD-SF216/217 with:
  - › 4x BLD-SF216 blades
  - › 4x BLD-SF217 blades
- Compatible with a wide range of blades

# High-Frequency VibraCut Knife Tool

Sales code: 23112815800



## What is it used for?

The High-Frequency (HF) VibraCut Knife Tool is a versatile reciprocating knife designed for cutting various materials, including corrugated board with high recycled content, soft foam board, corrugated plastic, fluted core board, and honeycomb board.

Operating at 12,000 strokes per minute with a 1.2 mm amplitude, it efficiently cuts heavily recycled materials. A floating foot minimizes material tear and secures the material during cutting.

## Materials

The tool handles corrugated materials with high recycled content, fluted core board, honeycomb board, soft foam board, corrugated plastic, and high-density foam. It supports cutting thicknesses up to 20 mm ( $\frac{3}{4}$  in.) with the short foot or 30 mm ( $1\frac{1}{4}$  in.) with the optional long foot.

## Benefits

- Multi-purpose tool for heavy-duty boards
- Excellent performance on highly recycled materials
- Wide range of durable knife blades

## Included in package

- BLD-SR6xxx blade adapter, with:
  - › 3x BLD-SR6223 blades
  - › 3x BLD-SR6224 blades
  - › 3x BLD-SR6310 blades
  - › 3x BLD-SR6303 blades
- Gliding foot for materials up to 20 mm ( $\frac{3}{4}$  in.) thick

## Optional

- (97AR931) Blade adapter for BLD-SF216/217, including:
  - › 4x BLD-SF216 blades
  - › 4x BLD-SF217 blades
- (97AR5148) Gliding foot for materials up to 30 mm ( $1\frac{1}{4}$  in.) thick
- Compatible with a wide range of blades

# CorruSpeed Tool

Sales code: 23112842801



## What is it used for?

The CorruSpeed Tool is designed for high-speed cutting of corrugated board without oscillation, offering significant time savings even on boards with recycled content. Its crushing cup, combined with controlled down pressure, enables smooth drag knife cutting without tearing or cracking the liner.

Setup is straightforward with adjustment dials for different board qualities. The tool includes two edge-crushing cups with radii of 16 mm and 14.5 mm; the latter provides more pre-crushing and is suited for thicker or higher-quality boards. The feet are easily interchangeable, guided by pins and magnets for quick snap-in placement.

## Materials

Optimized for corrugated boards up to double-wall BC flutes (7 mm).

*Note: For corrugated boards with extremely short fibers and high recycled content, a high-frequency knife tool may still be required.*

## Benefits

- High productivity (often full machine speed)
- Quiet operation; minimal noise beyond the machine itself
- Smooth cuts with no tagged edges due to non-oscillating design
- Pre-crushed cutting lines resemble die-cut quality

## Included in package

- 2 crushing cups (radii: 16 mm and 14.5 mm)
- 8 standard knife blades:
  - › 2x BLD-SR8170 blades
  - › 2x BLD-SR8172 blades
  - › 2x BLD-DR8160 blades
  - › 2x BLD-DR8180 blades

## Optional

- Compatible with BLD-SR/DR8XXX blades

## Software requirements

iPC version 2.0 or higher.

# Rigid Material Knife Tool

Sales code: 23112844802



## What is it used for?

The Rigid Material (RM) Knife Tool is a static knife tool designed for high-speed cutting of a wide range of materials. Its extensive blade selection enables precision cutting for lightweight detailed work and heavy rigid boards, such as 3 mm foamed PVC. Cutting depth depends on the blade, with a maximum thickness of 13 mm (½ in.).

## Materials

Suitable for flexible plastic sheets, foamed PVC (up to 3 mm), triple-wall corrugated board, soft foam board, corrugated plastic, cardboard, display board, vinyl, and PVC banners.

## Benefits

- Versatile tool for diverse applications
- High-speed cutting of rigid boards
- High-quality, specially developed blades

## Included in package

- 2x BLD-DR8160 blades
- 2x BLD-DR8180 blades
- 2x BLD-SR8170 blades
- 2x BLD-SR8172 blades

## Optional

- Compatible with all Kongsberg PCS BLD-SR/DR8xxx series knife blades, including asymmetric blades for burr-free edges
- Crease blades available

# Psaligraphy Knife Tool

Sales code: 23112846803



## What is it used for?

The Psaligraphy Knife Tool is designed for precise cutting of fine details in thin materials like paper and folding carton. Its spring-loaded floating plastic foot and specially designed blades allow for intricate cuts without damaging the material. It's ideal for applications such as greeting cards, invitation cards, promotional items, folding carton samples, and psaligraphy art.

## Materials

The tool is specifically suited for paper and folding carton, including lightweight and thicker variations. It ensures clean, detailed cuts without distortion, making it perfect for delicate designs and high-quality finished products.

## Benefits

- Cuts fine details without lifting, moving, or tearing the material
- Durable, high-quality blades designed for precision
- Easy-to-use plastic foot, guided by pins and magnets for secure placement

## Included in package

- 2x BLD-SR6150 blades
- 2x BLD-SR6151 blades

## Optional

- Compatible with all Kongsberg PCS BLD-SR/DR61xx series blades, including asymmetric blades for burr-free edges.

## Software requirements

iPC version 2.0 or higher.

# Hi-Force Knife Tool

Sales code: 23112824804



## What is it used for?

The Hi-Force Knife Tool is a versatile tool designed for cutting various flexible, paper-based, and rigid materials. Its high downforce, achieved via the machine's Z-axis, enables precise cuts in tough materials. A floating foot minimizes material tearing and secures the material during cutting.

The maximum cutting depth depends on the blade type, with the standard adapter accommodating materials up to 3 mm ( $\frac{1}{8}$  in.) thick. Optional knife adapters support different blade types (see below).

## Materials

This tool is ideal for cutting flexible plastic sheets, folding carton, display board, vinyl, PVC banners, and corrugated plastic.

## Benefits

- Flexible and versatile
- High downforce for intricate cuts
- Compatible with a wide range of adapters and blades

## Included in package

- Adapter for SF blades, including:
  - › 4x BLD-SF216 blades
  - › 4x BLD-SF217 blades

## Optional

- (97AR452) Adapter for half-length BLD-DF112/113 blades, including:
  - › 2x BLD-DF112 blades
  - › 2x BLD-DF113 blades
- (97AR5011) Adapter for BLD-DR/SR61xx-series blades, including:
  - › 2x BLD-DR6160 blades
  - › 2x BLD-DR6161 blades
- The tool is compatible with Kongsberg PCS knife blades in the BLD-SR/DR6xxx, BLD-DF112/113, and BLD-SF216/217 series, including asymmetrical blades for burr-free edges



# RotaCut Tool

Sales code: 23112849805



## What is it used for?

The RotaCut Tool is designed for cutting textiles, canvas, mesh, and other air-transparent materials, which cannot be securely held by the table's vacuum system. It features a 10-faceted knife blade rotating at 10,000 RPM, extending from a low-friction hold-down foot that presses the material firmly in place. This design, combined with the fibrous surface of conveyor belts or felt mats, ensures sufficient hold-down for cutting most textile materials. The maximum cutting depth is 2 mm (0.07 in.).

## Materials

The RotaCut Tool is ideal for cutting textiles, banners, canvas, mesh, and carpet materials.

## Benefits

- Floating foot for secure material hold-down
- High-speed, 10-faceted knife blade
- Software-controlled overcut function

## Included in package

- 5x BLD-RC110 decagonal knife blades
- Tools for blade changes

## Optional

- Additional BLD-RC110 decagonal knife blades

# PressCut Tool

Sales code:



## What is it used for?

The PressCut Knife Tool is designed for kiss-cutting adhesive vinyl (e.g., decals) and foils, ensuring the backing remains intact while only cutting the top film. A spring-loaded pressure system delivers precise peel/weed quality, with software-controlled pressure enabling both partial and through cuts using the same tool. The tool's rapid response to up/down movements and speed-dependent pressure control ensures reliable cutting even as velocity changes. The maximum downward knife pressure is 10 N.

## Materials

This tool is ideal for cutting adhesive vinyl, foil, and diamond-grade foil.

## Benefits

- Perfect weeding/peeling quality at high speed
- Adjustable tool pressure for kiss cutting and through cutting
- Only the knife blade contacts the material, preventing scratches on shiny or printed surfaces

## Included in package

- 3x KC101 blades
- 3x KC102 blades
- Plastic foot for precise depth control when additional pressure is required

## Optional

- Compatible with Kongsberg PCS knife blades in the BLD-KCxx series

## HD Knife 17

Sales code: 97AR379



### What is it used for?

The HD Knife 17 is a heavy-duty tool designed for fast, straight cutting of rigid materials such as fluted core board, display board, and triple-wall material. It is ideal for straight cuts longer than 50 mm (2 in.), with a maximum cutting thickness of 17 mm (0.6 in.).

### Materials

This tool is suitable for cutting fluted core board, triple-wall, and honeycomb board.

### Benefits

- Efficient straight cutting of rigid panels at high speeds

### Included in package

- 5x BLD-TZ129 blades

## HD Knife 30

Sales code: 97AR725



### What is it used for?

The HD Knife 30 is a heavy-duty tool designed for fast, straight cutting of rigid materials such as fluted core board, triple-wall, and honeycomb board. It is ideal for straight cuts longer than 50 mm (2 in.), with a maximum cutting thickness of 30 mm (1.2 in.).

### Materials

This tool is suitable for cutting fluted core board, triple-wall, and honeycomb board.

### Benefits

- Efficient straight cutting of rigid panels at high speeds

### Included in package

- 2x BLD-TZ230 Tungsten Carbide knife blades

## HD Bevel Knife

Sales code: 97AR5821



### What is it used for?

The HD Bevel Knife Tool is designed for 45° slanted cuts, ideal for V-notching or single through cuts. It is specifically developed for creating sharp 90° folds in solid board (grey board) materials using the specially designed BLD-SF245 knife blade. This tool is perfect for materials that cannot be folded with conventional crease tooling. The maximum cutting depth is 6–7 mm.

### Materials

This tool is suitable for cutting solid board and display board.

### Benefits

- Precise 45° slanted folding lines for thin materials

### Included in package

- 5x BLD-SF245 blades

### Optional

- BLD-SF212 blades

### Software requirements

iPC version 2.1 or higher.

## 45° V-notch Knife

Sales code: 97AR620



### What is it used for?

The 45° V-notch Knife Tool is a heavy-duty tool designed for cutting 45° V-notches in materials such as triple-wall corrugated, corrugated plastic, and fluted core board. It creates 90° partially cut V-notches for folding or through-cuts with slanted edges. The tool is limited to straight lines, with a maximum cutting depth of 16 mm (5/8 in.).

### Materials

This tool is ideal for cutting fluted core board, honeycomb board, soft foam board, and triple-wall corrugated.

### Benefits

- Precise 45° slanted folding lines in materials up to 16 mm thick
- High-quality, specially designed knife blades

### Included in package

- 2x BLD-TZ511 blades
- 5x BLD-TZ192 blades

## 45° V-notch Knife, 10 mm

Sales code: 97AR274



### What is it used for?

The 45° V-notch Knife Tool is a heavy-duty tool designed for cutting 45° V-notches in tough materials like corrugated plastic. It creates 90° partially cut V-notches for folding or through-cuts with slanted edges. With a maximum cutting depth of 10 mm ( $\frac{3}{8}$  in.) and a blade designed to minimize flex, it ensures precise cuts in thinner materials. The tool is limited to straight lines.

### Materials

This tool is ideal for cutting fluted core board, honeycomb board, soft foam board, and triple-wall corrugated.

### Benefits

- Precise 45° slanted folding lines in materials up to 10 mm thick
- High-quality, specially designed knife blades

### Included in package

- 2x BLD-TZ511 blades
- 5x BLD-TZ192 blades



## 30° V-notch Knife

Sales code: 97AR983



### What is it used for?

The 30° V-notch Knife Tool is designed for cutting 30° V-notches in materials such as triple-wall corrugated, corrugated plastic, and fluted core board. It is ideal for creating 60° partially cut V-notches for folding applications like six-sided polygonal pillars or through-cuts with slanted edges. The tool supports straight cuts only, with a maximum cutting depth of 16 mm ( $\frac{5}{8}$  in.).

### Materials

The 30° V-notch Knife Tool is suitable for fluted core board, honeycomb board, soft foam board, and triple-wall corrugated.

### Benefits

- Precise 30° slanted folding lines in materials up to 16 mm thick
- High-quality, specially designed knife blades

### Included in package

- 2x BLD-TZ511 blades
- 5x BLD-TZ192 blades

## 22.5° V-notch Knife

Sales code: 97A5763



### What is it used for?

The 22.5° V-notch Knife Tool is designed for cutting 22.5° V-notches in materials such as triple-wall corrugated, corrugated plastic, and fluted core board. It is ideal for creating 45° partially cut V-notches for folding applications, such as octagonal pillars, or through-cuts with slanted edges. The tool supports straight cuts only, with a maximum cutting depth of 16 mm ( $\frac{5}{8}$  in.).

### Materials

The 22.5° V-notch Knife Tool is suitable for fluted core board, honeycomb board, soft foam board, and triple-wall corrugated.

### Benefits

- Precise 22.5° slanted folding lines in materials up to 16 mm thick
- High-quality, specially designed knife blades

### Included in package

- 2x BLD-TZ511 blades
- 5x BLD-TZ192 blades

### Software requirements

iPC version 2.0 or higher.

## 15° V-notch Knife

Sales code: 97AR982



### What is it used for?

The 15° V-notch Knife Tool is designed for cutting 15° V-notches in materials such as triple-wall corrugated, corrugated plastic, and fluted core board. It is ideal for creating 30° partially cut V-notches for folding applications like 12-sided polygonal pillars or through-cuts with slanted edges. The tool supports straight cuts only, with a maximum cutting depth of 16 mm ( $\frac{5}{8}$  in.).

### Materials

The 15° V-notch Knife Tool is suitable for fluted core board, honeycomb board, soft foam board, and triple-wall corrugated.

### Benefits

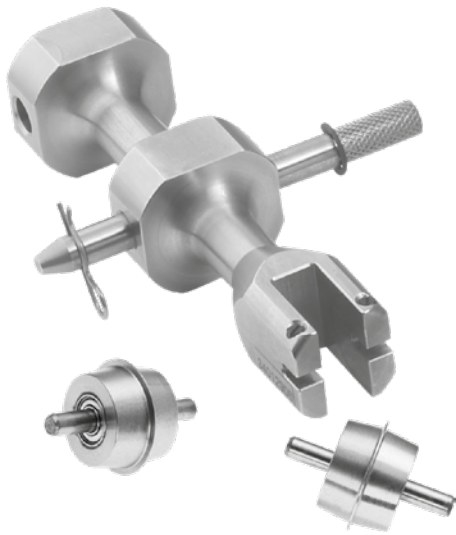
- Precise 15° slanted folding lines in materials up to 16 mm thick
- High-quality, specially designed knife blades

### Included in package

- 2x BLD-TZ511 blades
- 5x BLD-TZ192 blades

## 15 mm Crease Wheel Adapter

Sales code: 97AR101



### What is it used for?

The 15 mm Crease Wheel Adapter is an optional tool designed to enhance folding quality in thin materials, primarily for paper and folding cartons.

### Materials

This adapter is suitable for use with paper and folding carton materials.

### Benefits

- Enables the use of 15 mm crease wheels with high downforce for superior results
- Enhances creasing performance in thin materials

### Included in package

- Adapter only (15 mm crease wheels sold separately)

### Optional

- All 15 mm crease wheels

## 26 mm Crease Wheel Adapter

Sales code: 97AR100



### What is it used for?

The 26 mm Crease Wheel Adapter is an optional crease tool designed to enable the use of smaller wheels for micro flutes, folding cartons, and corrugated plastics. The smaller wheels, combined with heavy crease power, are especially effective in overcoming the “memory” of plastic materials.

### Materials

This adapter is suitable for corrugated single wall, micro well, corrugated plastic, and folding carton materials.

### Benefits

- Compatible with 26 mm crease wheels for improved creasing in tough plastic materials
- Utilizes high downforce for superior performance

### Included in package

- Adapter only (26 mm crease wheels sold separately)

### Optional

All 26 mm crease wheels

# 60 mm Crease Wheel Adapter

Sales code: 97AR5588



## What is it used for?

The 60 mm Crease Wheel Adapter is designed for creasing most corrugated thicknesses. It allows medium-size wheels to apply higher pressure without cracking the liner or causing excessive over-crease, providing sharper results compared to the 150 mm crease wheel while handling more pressure than smaller diameters. Additionally, the optional 60 mm Perforation Wheel pack enables high-speed tear perforations for corrugated boards up to C flute (4 mm).

## Materials

This adapter is suitable for corrugated single wall, corrugated double wall, and micro flute materials.

## Benefits

- Supports high-speed perforation cutting
- Allows high-pressure creasing with minimal overcut for sharper results

## Included in package

- Adapter only (60 mm crease wheels and perforation wheels sold separately)

## Optional

- 60 mm Crease Wheels:
  - › 4-point wheel: Ideal for E- and Micro Flutes
  - › 6-point wheel: Suitable for B- and C-flute
  - › U-shaped wheel: Designed for Double Wall Corrugated
- Perforation wheel packages:
  - › **4x 60 mm Perforation Wheels (97AR5517):** Includes four standard perforation patterns (3x3 mm, 5x5 mm, 7x5 mm, 10x10 mm) for high-speed perforation
  - › **5x PERFormaX Wheels (97AR5877):** Optimized for shelf-ready tear perforation, compatible with the Kongsberg PCS 60 mm perforation wheel holder, 60 mm crease tool, and 60 mm crease wheel adapter for HDU and PowerHead tools

*Note: The wheels lack software-controlled rotation, so it is not possible to control the starting point of the perforation line (e.g., starting with a cut or a space).*

## 8 mm Crease Blade Adapter

Sales code: 97AR5955



### What is it used for?

Crease blades are designed for creasing flexible plastic sheets, such as polypropylene. Compared to a crease wheel, a blunt blade provides superior folding capabilities for these materials. The adapter is also compatible with BLD-SR/DR8XXX blades.

### Materials

This adapter is ideal for flexible plastic sheets, including polypropylene.

### Benefits

- Efficient creasing in tough, flexible materials.

### Included in package

- 8 mm Crease Blade Adapter
- 1x 0.5 mm crease blade
- 1x 1.0 mm crease blade

### Optional

All 8 mm round shaft knife blades, including BLD-SR/DRxxx models

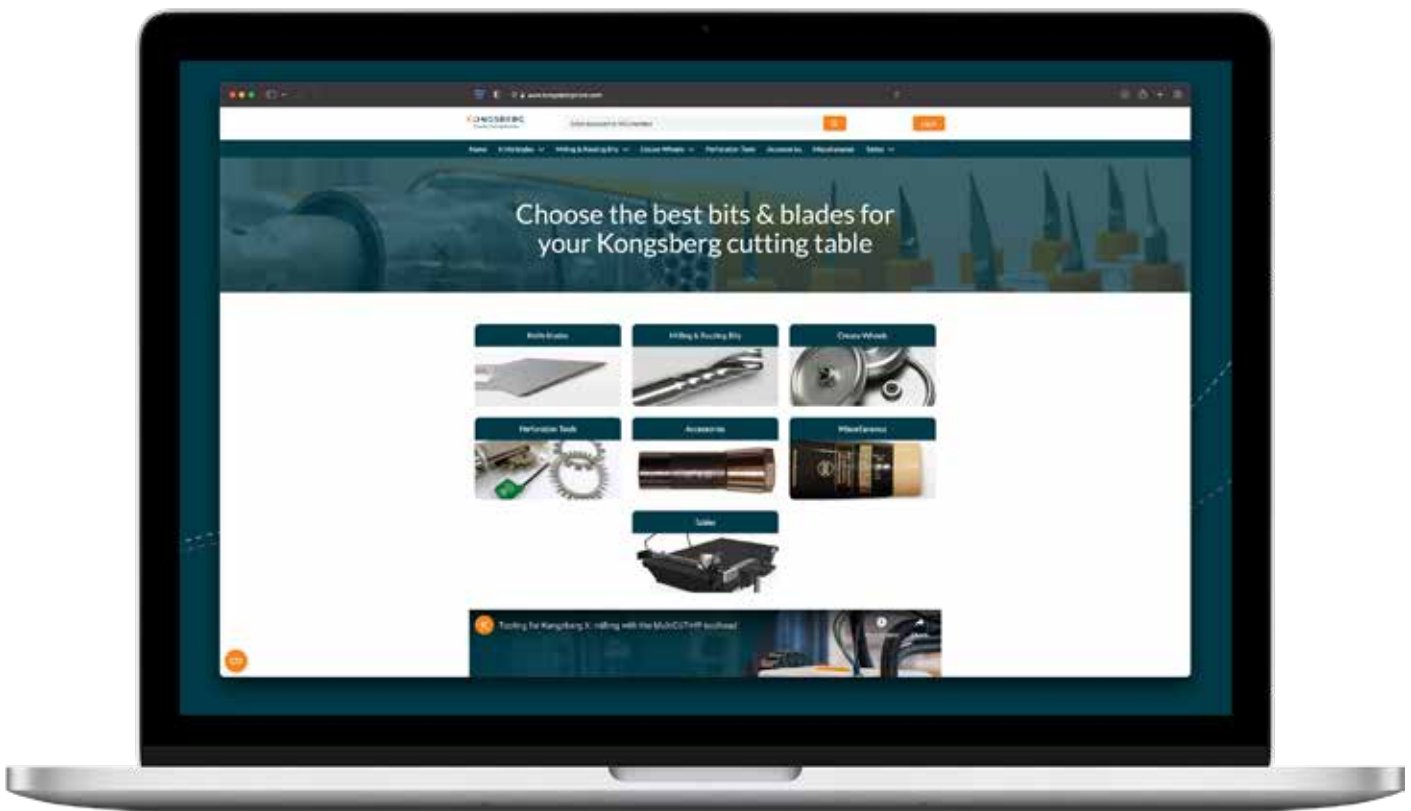
## Notes



# Order your bits and blades online

Visit the Kongsberg Store to buy the best bits and blades for your Kongsberg cutting table.

[www.kongsbergstore.com](http://www.kongsbergstore.com)



**Europe** Kortrijksesteenweg 1087-B, 9051 Gent (BE) | [info.eur@kongsbergsystems.com](mailto:info.eur@kongsbergsystems.com)  
**Americas** 1983 Byers Road, Miamisburg, OH 45342 (US) | [info.na@kongsbergsystems.com](mailto:info.na@kongsbergsystems.com)  
**Asia Pacific** 100 TRAS Street, #16-01 100 AM, Singapore 079027 (SG) | [info.apac@kongsbergsystems.com](mailto:info.apac@kongsbergsystems.com)

[www.kongsbergsystems.com](http://www.kongsbergsystems.com)

