Solutions for

Protective Packaging

ESKO artwork

The EskoArtwork Solutions for Protective Packaging offer the alternative to wooden crates. The idea is simple: combine the solid qualities of corrugated board with the versatility of Kongsberg cutting and creasing tables to design and produce corrugated protective packaging.

Corrugated containers offer benefits too good to ignore. Not only are they an attested alternative for wooden containers, they are better for the environment and a lot easier and faster to produce.

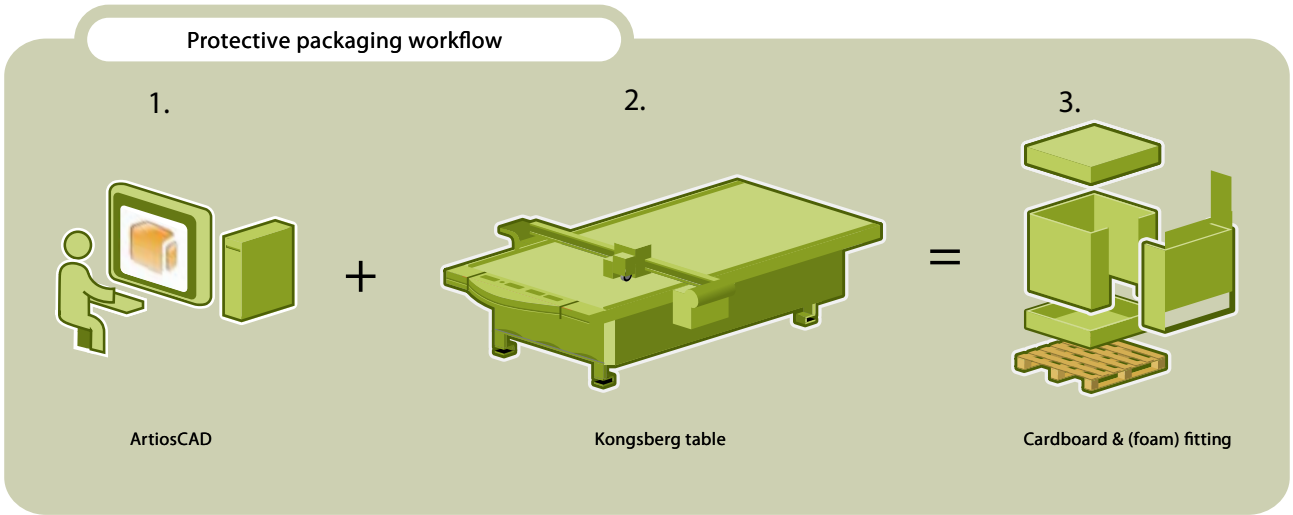
Protective Packaging

How does it work?

1. The packaging is designed in a CAD program; this is very often EskoArtwork's ArtiosCAD, a preferred tool for designers.

2. The CAD data is delivered to the Kongsberg table, corrugated and foam materials are cut and creased.

3. The packaging is assembled, ready to ship.



Key benefits

- Using protective packaging made of corrugated and foam material **reduces the weight of cargo** with more than 50% compared to wooden crates.
- The **price of raw materials** is important in heavy duty packaging. Lately, wood prices have gone up dramatically compared to corrugated.
- Wooden containers used in international shipping must be chemically or heat treated against pests. This **treatment** is necessary but **makes the wood more expensive.** The use of corrugated packaging circumvents all these issues.
- The production and assembly of protective packaging made with EskoArtwork's solution is **easy and fast.** The time to cut and mount a corrugated box with foam inserts normally takes up about 30% of the time it takes to create a wooden container. Designing and producing samples is a matter of minutes.
- **A quick turn around time is guaranteed.** It takes about 12 minutes to pack an item with the volume of 2 m². These container designs are stored in templates for you to choose from and use or reuse immediately.
- Protective packaging is designed so that it is very **straightforward, clean and fast to unpack** at the destination. There is no need for heavy tools and it is easy to dispose of as recycle points are found everywhere.
- **Ecologically** speaking, producing protective packaging out of corrugated materials is **a very sound decision.**
  - Over 70 % of the fiberboard produced every year is made from recycled materials.
  - Corrugated packaging is made exclusively from sustainable forestry resources.
  - Corrugated board has gained considerable price advantage compared to wood over the last years.
  - Corrugated board is not made from tropical forest hardwoods.
  - There is a recycling point for corrugated board available near you.

Courtesy of SCA,
Heavy-duty Knowledge Centre,
Tilburg, the Netherlands

"We believe the future lies in more specialized packaging made from cutting foam and corrugated fibreboard."

Ove Berg, Owner Berg Emballasje, Norway.

"Protect your product – Protect your margins"

ArtiosCAD - 3D design, correction, animation

ArtiosCAD

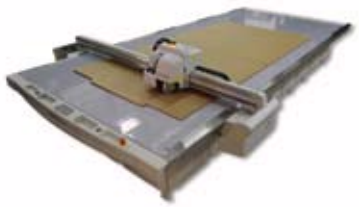
Import and open 3D objects from other 3D CAD systems such as SolidWorks.
ArtiosCAD 3D design allows you to adjust the bounding box, create inserts of various materials (corrugated, foam) and make perfect cross sections. After the inserts have been created, an outer box (shipping container in corrugated material) can be made directly from ArtiosCAD's standard box library.
3D Animation is especially valuable to structural designers: it allows them to check the folding or assembly of a product. The animated model can be sent to customers for review. Accurate communication speeds up the time to market.

1-2-3 Box

If no 3D image is available for the product that needs to be packed, and there is no time to build a customized box in ArtiosCAD, you can use 1-2-3 Box. This software basically helps you to build a box in 1-2-3.
1. Choose box type (FEFCO standard)
2. Choose the material for the box
3. Enter the box's size (L/W/H)

Press start on your Kongsberg table and a box is ready in a matter of minutes.

Kongsberg XL Series - rock solid, productive and versatile



The Kongsberg XL Series of die-less cutting and creasing tables deliver record-breaking productivity and versatility. The tables offer simple and time-optimized operation, excellent tooling flexibility and an unsurpassed track record for durability.
Users of the Kongsberg XL tables can choose from a complete tooling family that enables quality processing of materials. From thin cartons over foam to the most demanding heavy-duty materials such as triple-wall corrugated.
The Kongsberg XL Series of tables is available in a wide range of sizes matching the broadest possible range of applications. Table sizes range from the XL20 (1680 x 1270 mm / 66" x 50") up to the large XL 46 (2210 x 4800 mm / 87" x 189").

Foam and heavy-duty material

The FoamHead handles many types of foam and honeycomb paperboard up to 86 mm (3 3/8") thick, used for inner packaging and cushioning. Reasonably complicated foam designs can be completed in just a fraction of the time required for the job to be done manually.
The PowerHead option ensures superior performance on double wall, triple wall and recycled board.

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