

# Product sizing, case design, palletizing and container loading software



## Cape Pack Cape Truckfill

Companies around the world are using Esko's Cape Pack and Cape TruckFill to reduce costs and optimize their packaging supply chain.

Cape Pack and Cape Truckfill help you to

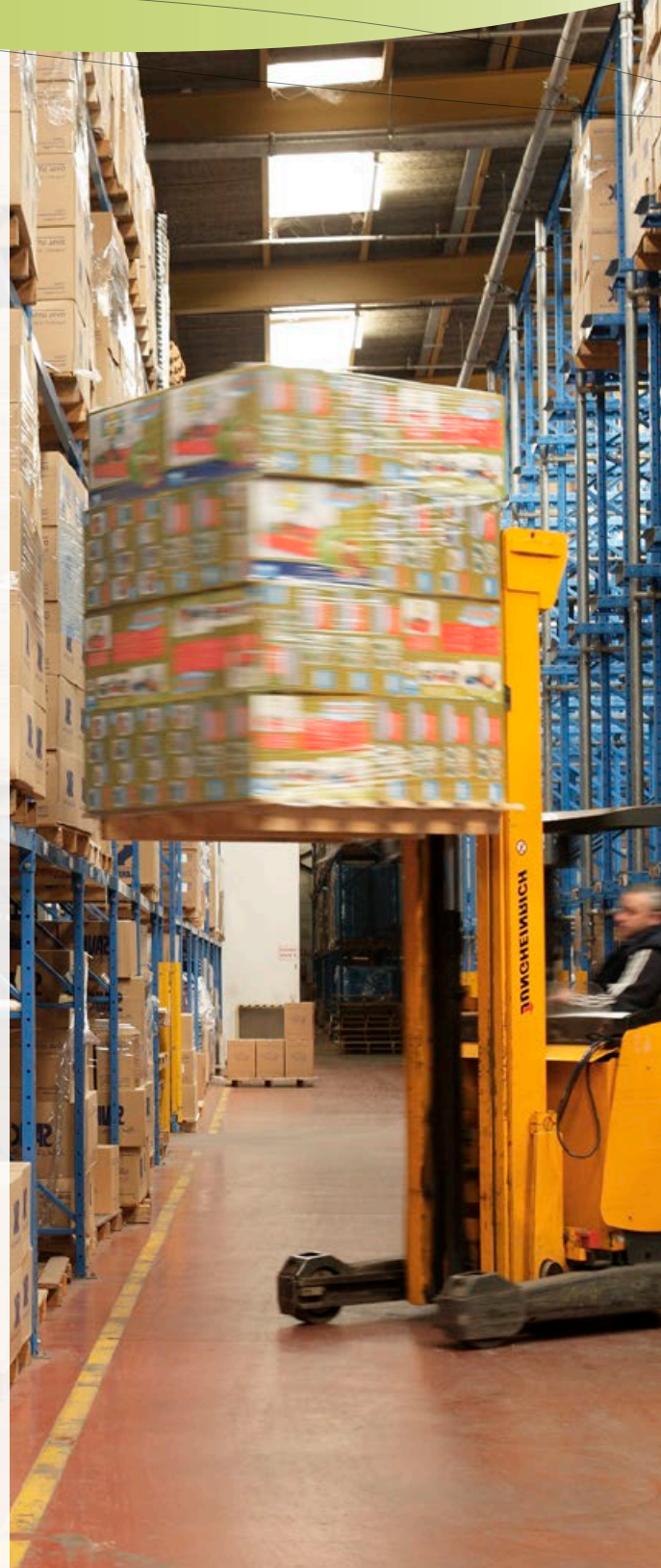
- Design the optimum product size
- Evaluate alternative case sizes
- Maximize pallet loading
- Create a sustainable packaging supply chain
- Improve space utilization
- Cut transportation costs
- Reduce your carbon footprint
- Reduce the number of trucks on the streets

**Cape Pack** is palletizing software that allows you to create new case sizes, build efficient pallet patterns; and improve material and cube utilization. **Cape Truckfill** container loading software helps you plan, create, edit, print and maintain multi-product load plans in order to get the most out of your trucks and containers.

### Reduce your carbon footprint

Both programs provide accurate reports and calculate the impact on the sustainability values for your company's products.

By optimizing packaging and shipper design and by improving the amount of products that fit in a truck or container, companies make real headway in optimizing their packaging supply chain. This way they are able to create sustainable and eco-friendly packaging and shipping alternatives.





# Cape Pack: palletizing software

Cape Pack is a modular suite of programs that help determine the best product size, case count, product arrangement, case size and pallet load. Cape Pack integrates very well with other CAD software, like ArtiosCAD. Cape Pack consists of three modules:

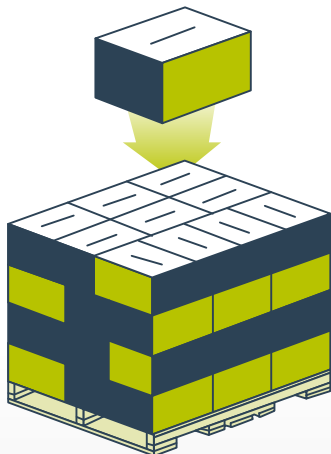
- **Pallet:** improve pallet utilization and load stability
- **Arrange:** work out optimum case sizes, better product arrangements in the case and get more product on a pallet
- **Design:** design better size products so you can fit more in the case, on the store shelf, and get more product on a pallet

## Cape Pack Pallet

The **Pallet module** calculates pallet patterns for known case sizes.

Pallet assumes that you know the size of the bottle, box, tray, case, bag, shipper... that is to be placed on the pallet. Pallet allows you to calculate pallet patterns on three different sets of pallet restrictions, this way you can compare what layout is more efficient.

You can also create display pallets with mixed case or tray sizes and calculate truck or container loads of the same product or pallet load.

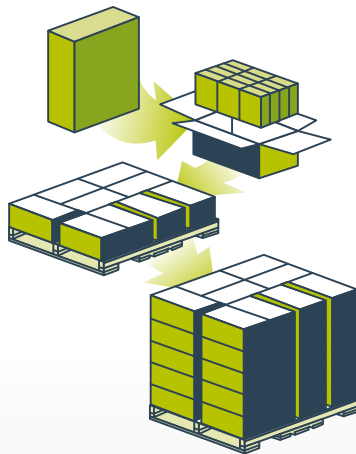


## Cape Pack Arrange

The **Arrange module** allows you to start with a known primary package or product.

The program will design alternative shipper, tray or case sizes based on quantity, pack arrangement, orientation and bundle packing.

Cape Pack Arrange includes all the features of the Pallet module.

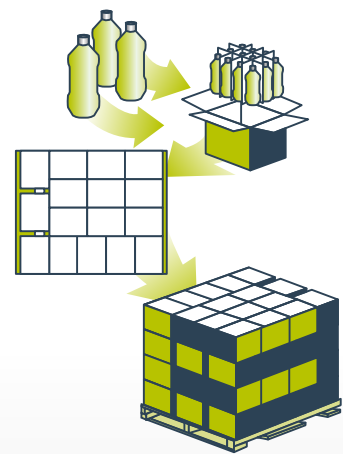


## Cape Pack Design

The **Design module** allows you to start by entering a "target" primary package or product size. Then, you can specify how much each dimension can vary in size or volume.

The Design module indicates what product size will yield the best fit per pallet; it also shows you how the resulting case or shipper will be arranged.

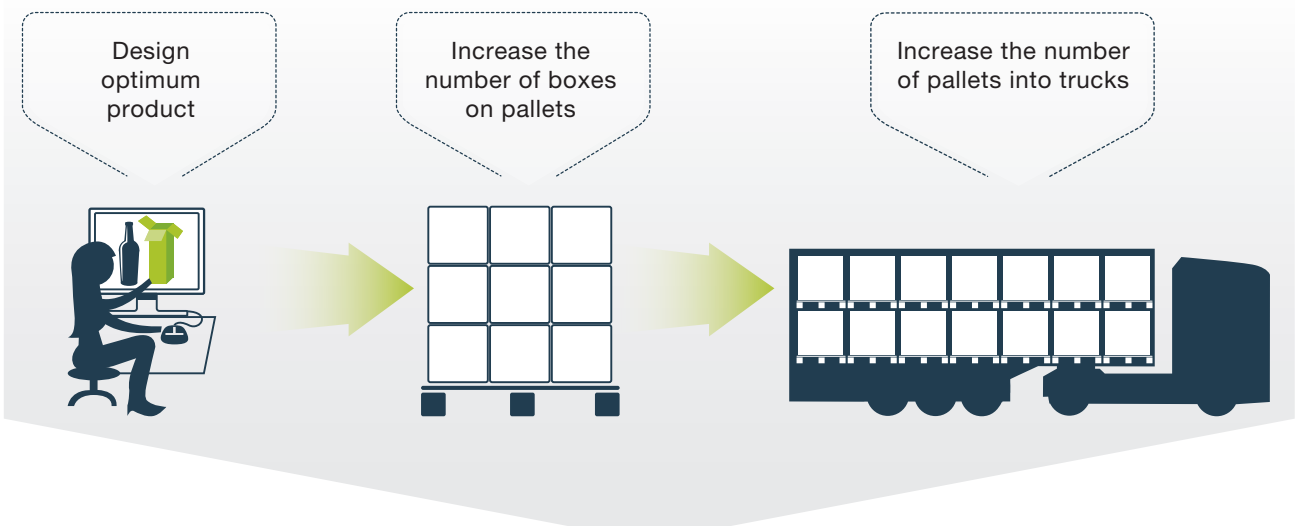
It includes all the features of the Arrange and Pallet modules.



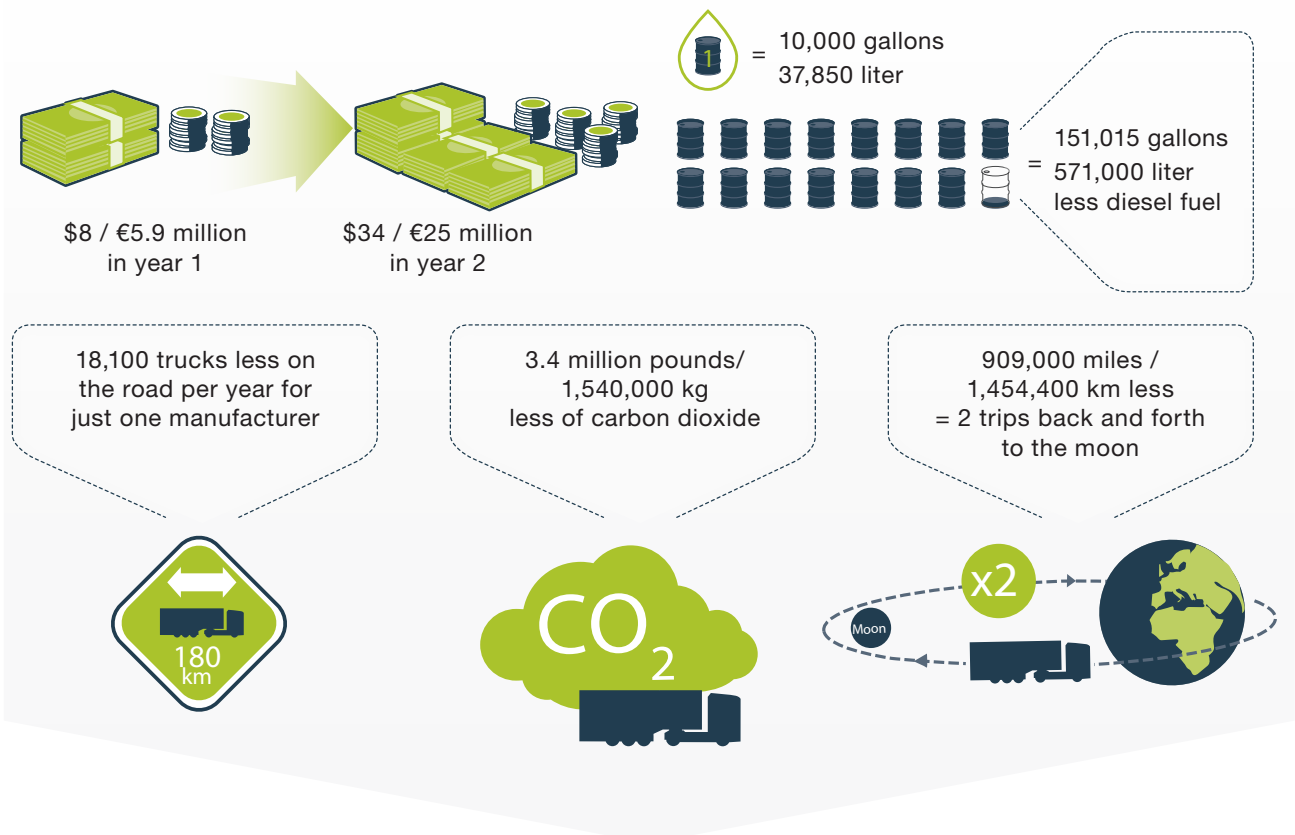
# Saving costs with Cape software: a case study

The challenge: enable a global corrugated packaging supplier to optimize transportation and distribution costs for their customers' packaging. The optimization also reduces fuel consumption and the emission of greenhouse gases.

## Approach



## Savings





## Cape Truckfill: container loading software

Cape Truckfill is a truck and container loading software that helps you plan, create, edit, print and maintain multi-product load plans. Truckfill makes sure you don't ship empty space or waste time manually calculating how many products can be loaded on your (sea) containers & trucks.

Enter the details for the products, pallet loads and container sizes into the appropriate database and Truckfill analyzes your particular order.

- Optimize the loading of your products into trucks & containers
- Use loading restrictions and priorities to pre-plan your load
- Minimize the number of trucks & containers needed
- Show your warehousing personnel how to load your containers.
- Help support your warehouse management & resource planning systems.
- Help your customer service determine price quotes.
- Import pallet loads saved in Cape Pack



### Build load plans for trucks and containers

Create the best truck or container loading plans for an order of different products. Store frequently used product information and container sizes in the database. Make data entry quicker and easier by selecting trucks and containers from the databases.

Use the 3D Editor to adjust the location of individual products within the load or start with an empty truck or container and manually create a custom load.

