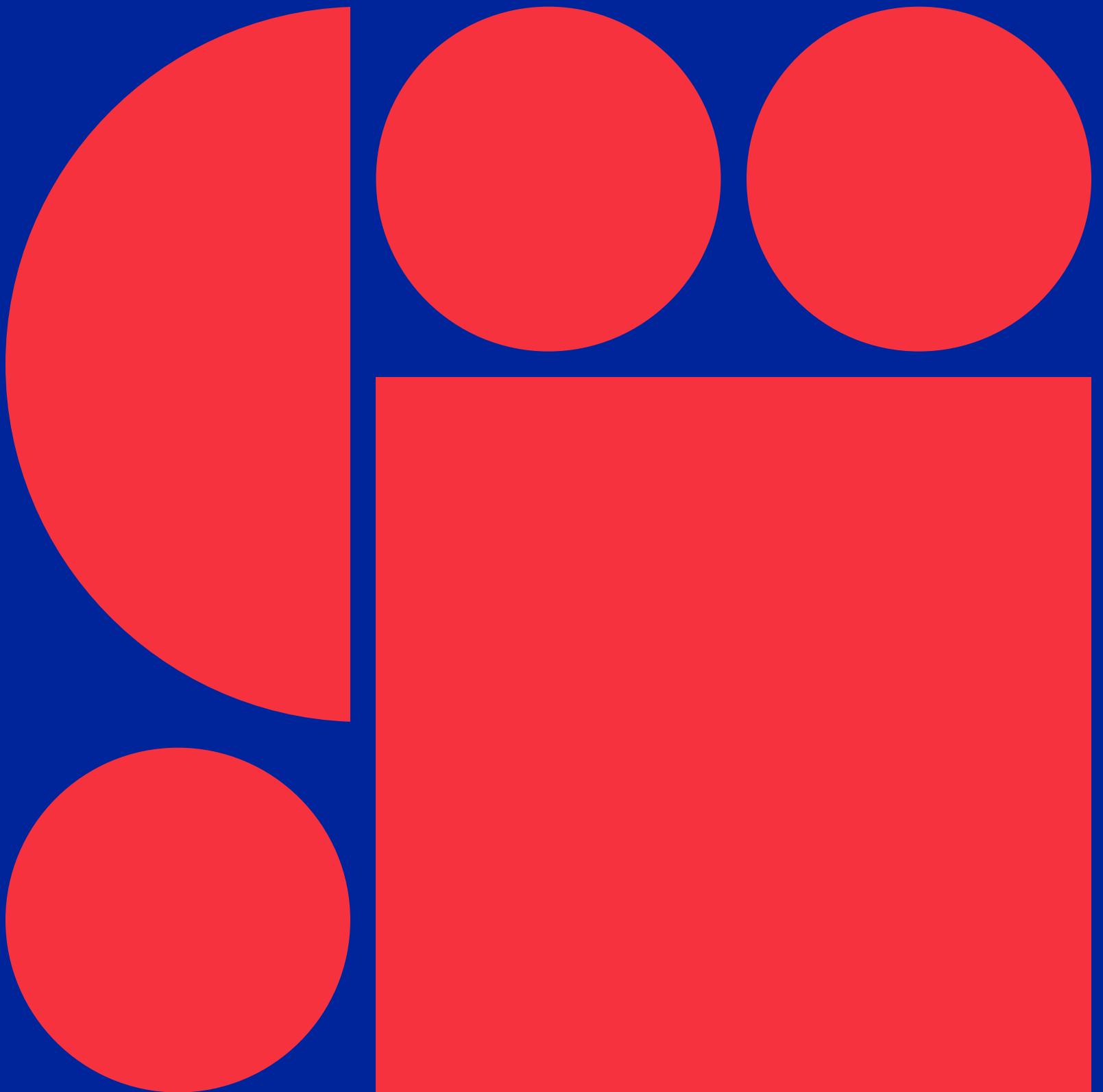


# Unit Load Construction

**CHEP**  
A Brambles Company



## Shipping more for less.

## This is the Supply Change.™

### The opportunity:

A small improvement in how much product you can fit on a pallet can lead to significant cost reductions. You can get these savings—savings that lower labour costs, pallet costs and transport costs—often with no operational change.

CHEP makes Unit Load Construction simple. Our software-based process is customised, efficient and cost-effective.

You may be introducing new packaging, or reconfiguring unit loads to meet a retailer's specifications. You may be looking to optimise your raw materials and packaging inbound supply, or you may be seeking to reduce freight and labour costs, or perhaps you're transitioning from using slip sheets or floor loading to palletisation. You may be seeking to make your unit loads more stable, or to change the types of platforms you are using. Or perhaps you are changing to a different design for your trucks or containers.

No matter what your specific needs are, optimising your unit loads improves efficiencies and reduces waste throughout the supply chain.

We'll help you figure out how to ship the most possible product in a secure way, and at the lowest cost.

**Global Good:** Last year through Unit Load Construction, we helped our customers carry more product per load and optimise space inside containers. This eliminated thousands of truck kms and reduced tonnes of CO<sub>2</sub> emissions. It's all part of our Better Planet initiative, as we work to minimise the impact of the supply chain on the environment.

### What we do:

Only CHEP combines the expertise of our experienced engineers and state-of-the-art software to help you configure maximum load efficiency for every load.

This will help you move product more economically, reducing fuel and labour costs. What's more, Unit Load Construction helps many customers "find money" in their supply chains. By periodically revisiting your product configuration, shipping materials or platform type within your unit load design, you'll realise new efficiencies that often result in new savings.

We take into consideration individual packaging dimensions, the total unit load and capacity of the truck. Each case pack is then placed in the ideal location and direction, building a unit load design that can carry the maximum amount of unit securely.

We'll use computer modeling to determine if your operations might benefit from the creation of a nonstandard platform designed especially for your unique unit loads.

We'll also look for opportunities to reduce your cardboard waste through the reduction of primary, secondary and shipping packaging, or by switching to more sustainable platforms.

If you require lab testing of your unit loads, we'll coordinate testing at a local International Safe Transit Association (ISTA) certified test centre and then consult with you around the results.

Optimising the construction of your unit loads improves efficiencies and eliminates waste throughout your supply chain.

Reduce Packaging Costs	Reduce Product Damage	Reduce Handling Costs
Reduce Shipping Materials	Reduce Platform Costs	Reduce Cardboard Waste
Optimise Platform Mix	Ship Mixed Loads	Transition to New Platforms
Increase Load Safety	Increase Product Per Load	Increase Loads Per Truck

#### How we'll work together:

We help companies around the world reduce waste and increase efficiencies throughout their supply chains by optimising their unit loads.

We'll look at your current unit load configurations, platforms and transport, and offer solutions that help you ship more product at less cost.

We'll also coordinate testing at independent facilities as needed and review the results with you.

Then we'll help you implement the solutions in your operations and provide ongoing support to ensure you're achieving the desired results.

#### Only CHEP:

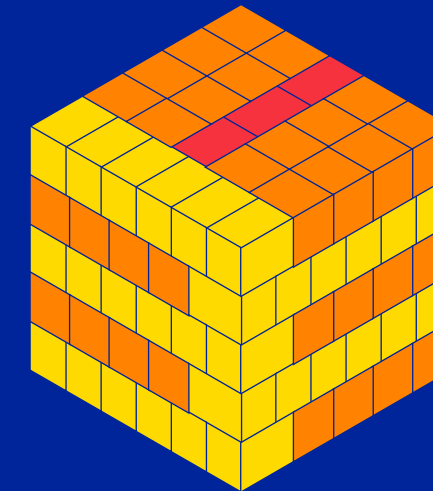
Only CHEP offers software-based unit load design and construction backed by the expertise of our engineers and our global experience at the heart of our customers' supply chains. We have the breadth of know-how and resources to help you optimise every unit load, every time. We've done this for many of the largest companies around the world. We look forward to working with you as well.

#### How you'll benefit:

Optimised unit loads reduce waste and increase efficiencies throughout your supply chain by enabling you to:

- + Configure individual case packs in a way that places the greatest possible amount of product onto a pallet
- + Reduce pallet procurement costs, shipping material costs, transportation costs, labour costs and material handling costs
- + Discover the optimal mix of product, packaging, and unit load transit packaging
- + Optimise both platform and container loads so you can significantly cut transportation costs and reduce carbon footprint
- + Use more sustainable packaging with less waste
- + Create more stable loads to increase safety in transit
- + Configure loads to better protect product integrity
- + Ship platforms containing a mix of packaging shapes and sizes
- + Reduce costs associated with primary packaging, secondary packaging, transit packaging (slip sheets and shrink wrap) and shipping platforms
- + Configure loads to optimise for logo visibility, RFID tagging, etc.

## Real-world ROI from Unit Load Construction.



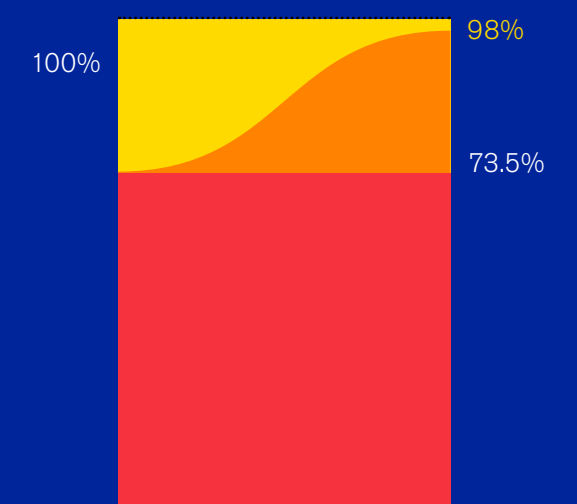
T Configuration

We showed a large customer how switching from an L configuration to a T configuration could improve load stability and increase product shipped per load by 20%.

We showed a poultry supplier how switching from cardboard to RPCs improved their pallet utilisation by 33%.

	Before	After
Items per case	12	16
Kgs per case	14.75	19.67
Cases per pallet	50	50
Kgs per pallet	737.5	983
Items per pallet	600	880

Pallet utilisation increase



**This is the  
Supply Change.**

**Together we can  
make it happen.™**

**CHEP**  
A Brambles Company

Unit Load Construction  
Just one of many Consumer Goods  
Solutions from CHEP.

If you're looking to improve  
your supply chain, let's talk.

This brochure is printed on paper triple-certified in  
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