



Integrated Value

Total Cost of Packaging

Tosca Reusable Solutions





Tosca is a global leader in reusable plastic packaging, delivering high-performance, sustainable supply chains for our customers at every turn.

Our mission is 'To revolutionize the flow of goods through the supply chain, eliminating waste at every turn'.

Tosca is headquartered in the US and operates out of over 60 facilities (including offices, service centers and a manufacturing facility) worldwide.

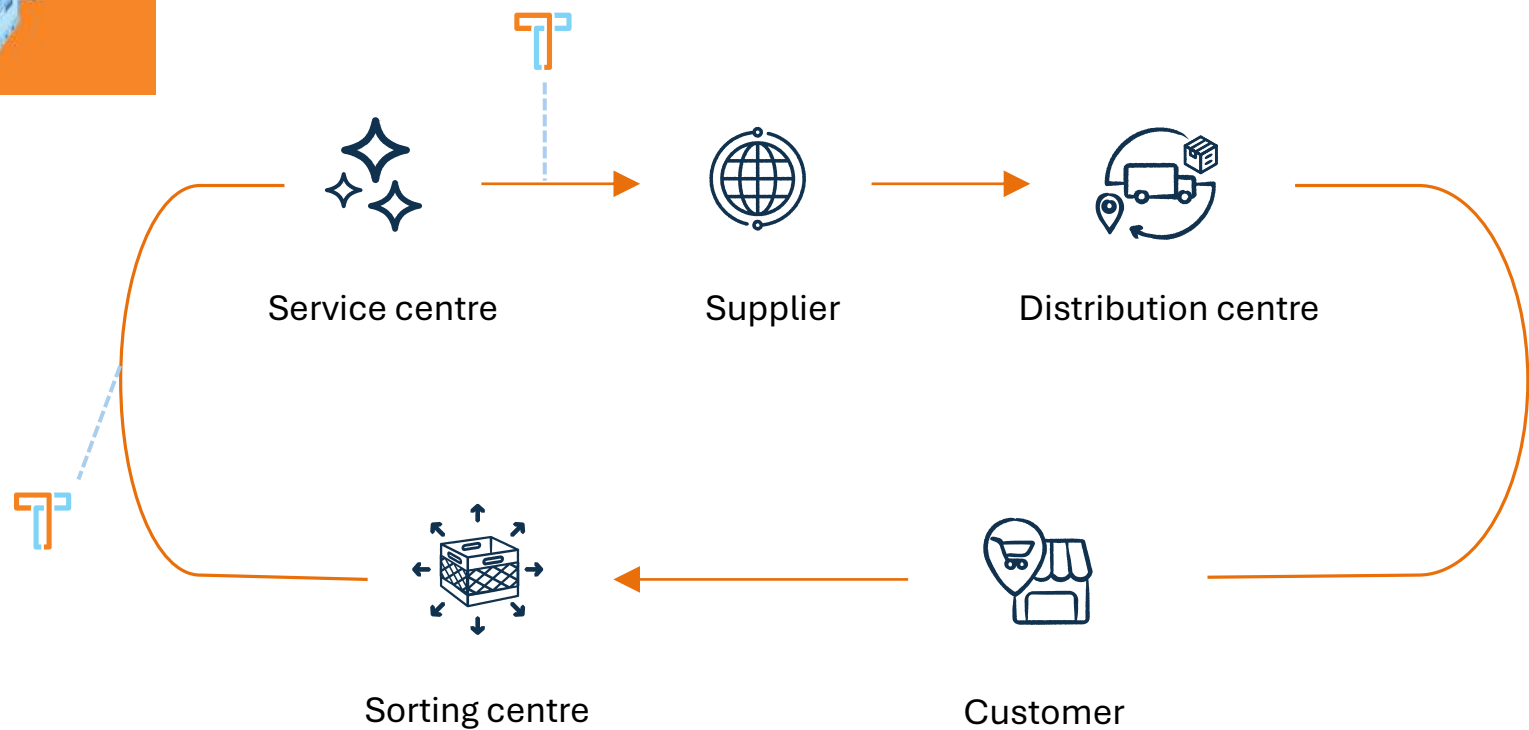
We are the ONLY reusable packaging and pooling company which connects the entire supply chain end-to-end, from the manufacture of reusable plastic packaging to leasing, washing and returning products for reuse in our pooling operations, and sales of finished goods.

Learn more at our website www.toscaltd.com/.

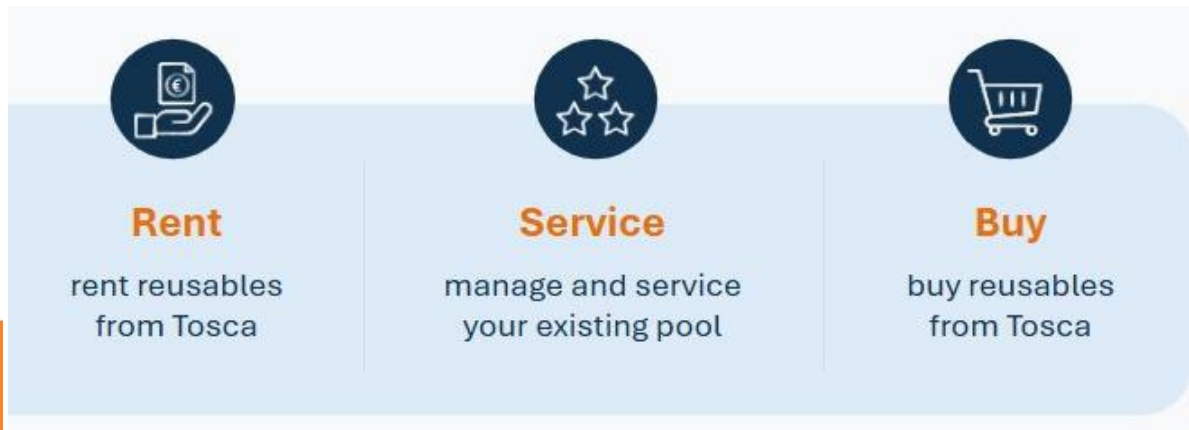


Tosca

Achieving **business success** together while protecting the planet through using reusable plastic transport packaging within a pooling system.



Pooling = a System designed to share, manage, collect, clean, repair and reissue reusable packaging



Typically purchasing of packaging is focused on the cost of one type vs another.

But what if you could do better?

What if you could save **MORE** money by choosing the right packaging?

And be a sustainability **HERO** at the same time?

To do this you need to think beyond just the cost of packaging

Integrated value: where sustainability savings meet cost savings

- The Total Cost of Packaging (TCOP) is a new concept founded in an integrated sustainability - financial value proposition.
- TCOP (*tee coup*) looks beyond the cost difference of one packaging type vs another.
- It even goes beyond the Total Cost of Ownership.
- It includes all the hidden, extended costs associated with environmental, social and management (governance) requirements.

TCOP is also known as the **Sustainability Value** because Sustainability is about **People, Planet AND PROFIT**

Cost of Packaging

- Cost of single-use corrugated boxes

Vs

- Cost of reusable plastic containers (RPCs)

Total Cost of Ownership

- Initial purchase cost
- Operational and Admin cost of managing packaging
- Delivery costs
- Maintenance and repairs
- Disposal and recycling
- Storage costs
- Operational inefficiencies
- Durability
- Loss
- Customization
- Insurance

TCOP = TCO plus.....

Finance Costs

- Food damage
- Packaging damage and clean up
- Electricity for cooling of storage space
- Racking systems
- Carbon Credits
- Waste recycling and disposal
- Extended Producer Responsibility fees
- Packaging and Packaging Waste Regulatory compliance
- Food safety compliance
- Health and Safety (consumers and staff)
- Automation down time
- Labor costs
- Traceability / digital tracking

Environmental and Social Costs

- Emissions from replacing damaged and lost food
- Emissions from cooled storage space
- Carbon (greenhouse gas) emissions from transportation
- Emissions and extensive raw material usage due to waste recycling and disposal
- Food safety failures
- Health and Safety incidents (consumers and staff)

TCOP: Sustainable Benefits

Reusable plastic crates vs corrugated cardboard boxes



PPWR + EPR compliant



Automation proficient



Circular Economy archetype



GHG Emissions reduction



Food Loss reduction



Reduce waste + Recycled content + fully Recyclable



Water use minimization



Digital trackable



Logistically streamlined



Health and Safety protective



Food Safe



Labor Saving

Learn more about Pooling



Surety of supply: How pooled reusable packaging ensures reliability



Evaluating the impact of reusable secondary packaging on sustainability and costs



Innovating supply chains with sustainable plastic bulk bins



Optimizing your supply chain with collapsible bulk containers



Comparing the savings: Pooled reusables vs. single-use crates



Revolutionizing agricultural supply chains: The power of Tosca's reusable foldable crates

Learn more about Pooling



From UK success to Europe: Tosca's UDP half pallet delivers retail-ready efficiency



Why Pallet Pooling Reduces Costs and Breakage



Modernizing logistics: Returnable transport packaging solutions



Intermediate bulk container (IBC) 101: The ideal sustainable shipping solution for liquid and dry bulk materials



Three questions to ask your supply chain partner to optimize efficiency



Understanding the benefits of our reusable packaging pilot