



Integrated Value **Total Cost of Packaging**

Tosca Reusable Solutions





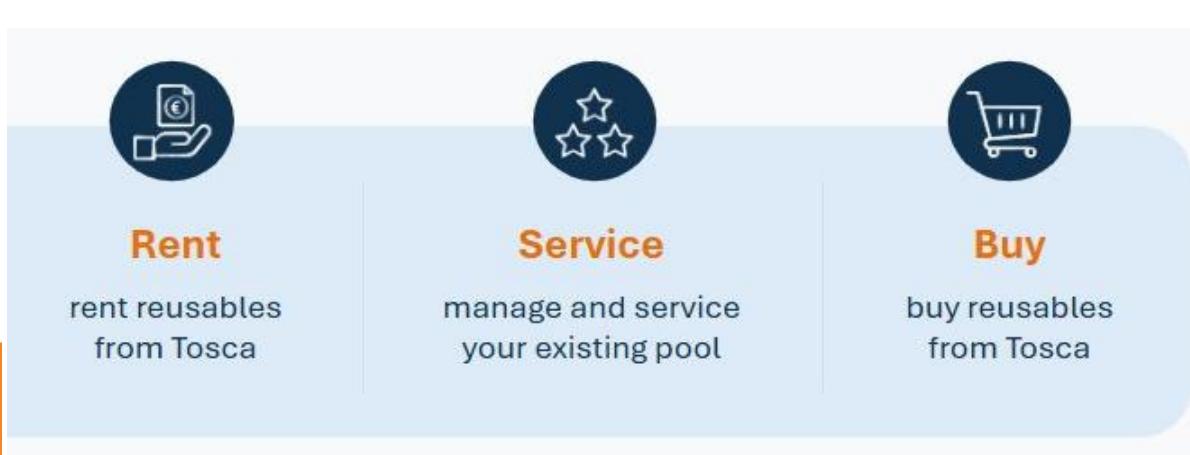
Tosca is a global leader in reusable plastic packaging, delivering high-performance, sustainable supply chains for our customers at every turn.

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.

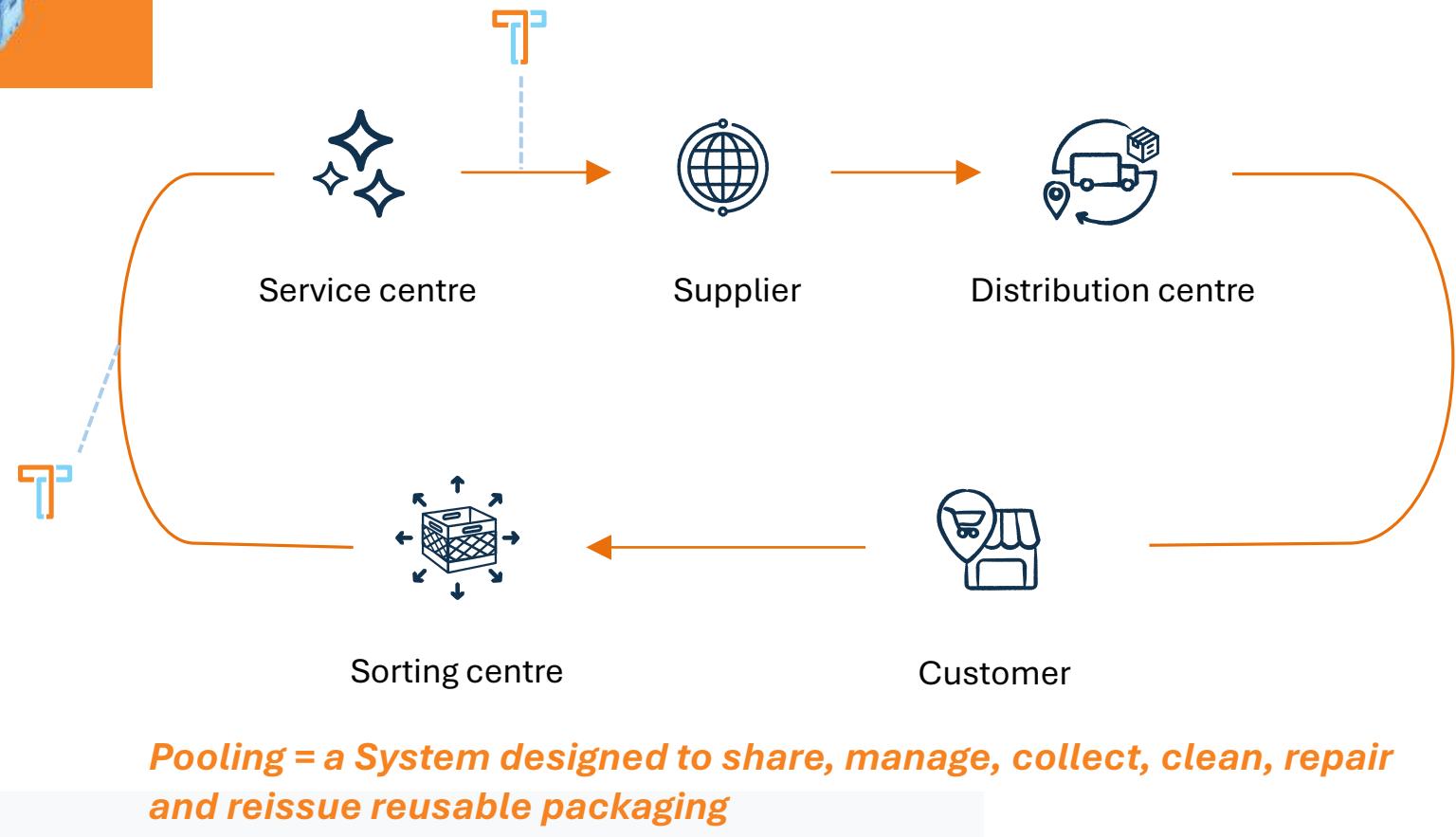
We are the ONLY reusable packaging and pooling company which connects the entire supply chain end-to-end, from the manufacture of reusable plastic packaging to leasing, washing and returning products for reuse in our pooling operations, and sales of finished goods.

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.



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

TCOP = TCO plus.....

Finance Costs

- 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

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)

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: 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](#)



[Optimizing your supply chain with collapsible bulk containers](#)



[Comparing the savings: Pooled reusables vs. single-use crates](#)



[Innovating supply chains with sustainable plastic bulk bins](#)



[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



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



Why Pallet Pooling Reduces Costs and Breakage



Three questions to ask your supply chain partner to optimize efficiency



Modernizing logistics: Returnable transport packaging solutions



Understanding the benefits of our reusable packaging pilot