

360°

IN RETURNABLE PLASTIC PACKAGING SOLUTIONS



Schoeller Allibert

Overview of Schoeller Allibert

Worldwide market leader in **Returnable Transport Packaging Solutions**

More than **60 years** experience within packaging and logistics.

14 Manufacturing locations globally; 3000 employees & c. €600M in Revenues

Largest **R&D** department in the industry with innovation centre in Germany, Netherlands & UK

Service orientated: we strive towards a **full service** proposition.

We call it 360° in returnable plastic packaging solutions.



What is Reusable Transport Packaging?

Returnable Transport Packaging (RTP) is very different to “flexible” or consumer packaging.

Flexible packaging is the primary packaging

RTP is secondary or tertiary packaging (pallets and crates) made from plastic for transportation of goods; designed to be innovative, strong, robust and long lasting.



Alternative to RTP (Returnable Transport Packaging)

Use Nothing

Wooden pallets and crates

Cardboard Cartons



Use nothing – free load or loose load



- Not hygienic
- High produce damage
- Inefficient handling
- No brand development

Wooden Pallets

- Short life 1-2 years
- Cheap to buy but expensive to use



- Potential danger from splinters and nails
- Risk of fungus and pests
- Needs repairing
- No brand development

Carboard Cartons



- Difficult to Handle
- Labour intensive
- Very Expensive per trip
- Doesn't always protect contents



10 Key Product Groups

Prelog[®]CMB, Ortus,
Concertina[®], XLXS[®]



Handheld :
Foldable Small Containers / FSC

Oscar, Eureka[®], Galia



Handheld :
Stackable Containers

Maxinest[®], Tellus[®] Jupiter[®],
Logifood[®], Maximeat[®],
Integra[®] Kaiman[®]



Handheld :
Stack & Nest Containers



Handheld :
Beverage crates

Ropac[®]



Handheld :
UN Pails

Jumboy[®],
Universal Dolly



Handheld :
Dollies

Magnum[®], Tytan[®],
Crescendo[®] Maxipac[®],
Boxerpac[®]



Bulk Containers :
Foldable Large Containers / FLC

Big Box[®], Geobox[®], Jumbox[®]



Bulk Containers :
Rigid Pallet Containers / RPC

ComboLife[®], Tankgo[®]



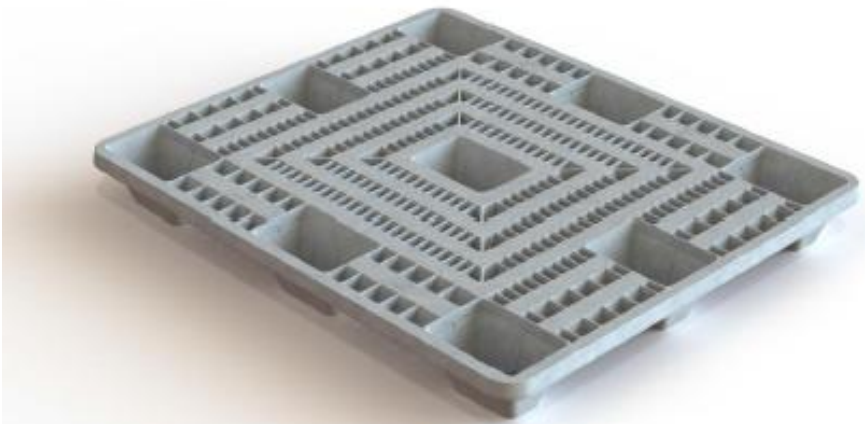
Bulk Containers :
Intermediate Bulk Containers / IBC

Bipp[®], Maestro[®], Eos[®]
Packpal[®]



Bulk Containers :
Pallets

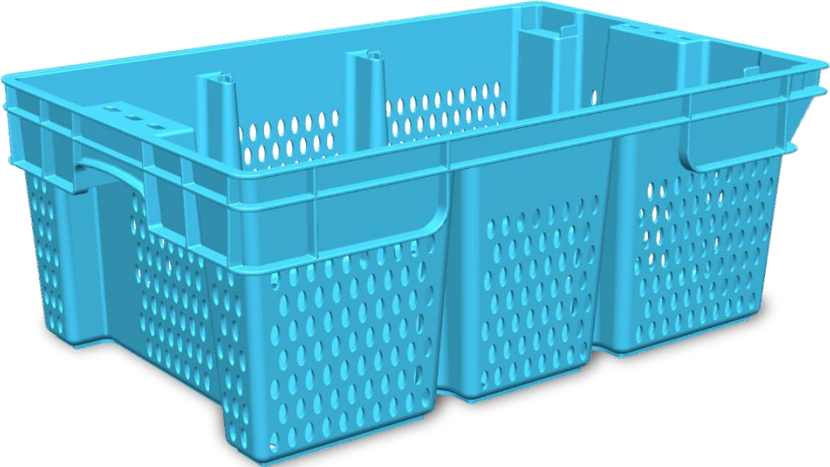
Non Food Retail Supply Chain



Food Retail & Agriculture Supply Chain



Typical Food Processing Products



Food Retail Applications



Food Retail Applications

BEFORE



AFTER



Retail Material Handling Project

BEFORE



AFTER



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The Schoeller Allibert Solution: Carrot Farm Project



Why change from single use wood and cardboard packaging to Multi-use RTP (REUSABLE TRANSPORT PACKAGING)?

1. Direct cost saving in the supply chain resulting in improved profitability.
2. Improved handling efficiency reducing labour costs and injury
3. Less product damage resulting in lower wastage
4. Significant reduction in environmental impact
5. Improved operational image and improved CSR



Returnable Transport Packaging



- Automation compliant
- Highly Robust
- Low per trip cost
- Labour reducing
- Product Protection
- Corporate brand/colours
- Low Carbon Footprint
- 100% recyclable.



Logistic Cost Saving Analysis

Investments in properly designed and produced **RTP** result in repetitive costs savings:

- Elimination of repetitive purchase and disposal costs.
- Lower shipping costs.
- Minimization of environmental waste & costs.
- Lower labour costs.
- Product protection.
- Lower supplies inventory.

Customized **logistics cost saving analysis** and software (life time cost per use-ROI).



Direct Cost Savings

A cardboard carton is used once
Cost is around 2.5 AED (maybe more)
Cost per use 2.5 AED

Good quality plastic crates purchased from Schoeller Allibert can be used
maybe 300/400 times
Cost around 25 AED
Base cost per use 0.0625 AED

With losses and cleaning etc Cost per use is around 0.01 **AED**

Saving compared with cardboard 90% +



Maximising Value

RTP value is delivers best value in multiples generated through RE-USE.

- Product Design & Innovation. Can add upto 40% usability per trip, and reduce labour costs dramatically.
- Quality – Can increase uses – from 1 – 100,000!!

Quality is determined by: Tooling Design & Quality
Material Quality
Production Quality
Quality Management



Maximising Value - Quality

A poultry company in KSA using crates for production/delivery which have a 25% breakage rate in trip 1. This means an average total lifespan of 4 trips!

- Good quality plastic crates purchased from Schoeller Allibert can be used maybe 300/400 times
- Cost around 25 SAR
- Base cost per use 0.0625 SAR
- Poor quality crate used 4 times
- Cost around 12 AED SAR
- Base cost per use 3 SAR
- Tote price 48%. **Cost per trip is 48 times higher!!**



Maximising Value - Product Design & Innovation

Clothing retail client has implemented a custom designed SA crate with Innovation to maximise internal space.

Overall footprint reduced by circa 6% from 0.2925 to 0.27495 sqm.

500,000 pcs used.

8,775 sqm footprint reduction on new automation facility.



Where is RTP used



Automotive



Retail



Beverage



Agriculture



Industrial Manufacturing



Food & food processing



Pooling customers



Our References

Food processing

Nestlé

Coca-Cola

DÖHLER
NATURAL FOOD & BEVERAGE INGREDIENTS

Del Monte
Quality

Dole

Unilever

Heinz

Tropicana

المراعي
Almarai

WRIGLEY

Pooling

IFCO
SYSTEMS

CHEP

EUROPOOL SYSTEM

LPR[®]
A division of Euro Pool Group

GLD
contraload your pooling company

Retail

كارفور
Carrefour

LANDMARK
GROUP

amazon

Flipkart

H&M

Sainsbury's

Our References

Agriculture



Automotive



Beverage



Industrial & Manufacturing



Innovating your logistics for a better world



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