

FOLDABLE CONTAINER SYSTEMS

PRODUCT TRAYS

CUSTOM CARRIER SYSTEMS



- THERMOFORMING
- TECHNOLOGY
- PARTNERSHIP

THE TWIN-TEC PACKAGING GMBH



TWIN-TEC Packaging GmbH is the specialist for process optimized, innovative plastic packaging systems. The high-quality foldable container systems, product trays, and custom carrier systems, for a wide variety of applications and industries, are produced using specialized manufacturing technologies on state-of-the-art machines and equipment.

With a full-service concept, TWIN-TEC offers CAD product and tool design, tool manufacturing, product production, and related services for form sizes up to 3100 mm x 1650 mm in single-sheet and twin-sheet thermoforming, all in a one-stop-shop concept.

As a member of the internationally active DUROtherm Group, TWIN-TEC is part of one of Europe's largest thermoforming companies and benefits from this strong, growth and future oriented group.

OUTSTANDING QUALITY AND PRECISE MANUFACTURING

TWIN-TEC sleeve packs and carrier systems are manufactured to the highest quality standards, as high precision ensures excellent functionality and long service life of these sustainable reusable packaging solutions. Foldable containers, pallets, and lids are, mainly made of high-strength HDPE (high-density polyethylene), while the container sleeves consist of extruded light-weight polypropylene 3-layer structured-core panels.

The advanced thermoforming technology used for base pallets and lids, and the intelligent construction of the sleeves, ensure superior (low) weight and robustness.

OPTIMAL PRICE-PERFORMANCE RATIO

TWIN-TEC's custom or standardized pallet systems, containers, inner trays, and special load carriers are designed to meet specific customer requirements. They allow for many return cycles within the logistics chain and thus offer high cost-efficiency, along with maximum transport security.



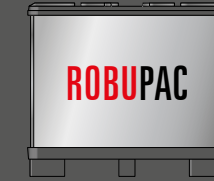
BRIGHT SPOTS FOR SMART LOGISTICS – THE FOLDABLE CONTAINERS FROM TWIN-TEC



Twin-sheet
standard system



Single-sheet box-on-
pallet for EURO or
H1 pallets



Twin-sheet system
interchangeable feet /
runners



Single-sheet system for
lightweight loads

The foldable container systems from TWIN-TEC are made entirely of 100% plastic and are the sustainable and reusable containers for cost-efficient logistics. Carefully designed and engineered, these reusable folding container systems offer clear improvements in storage and transport of a wide variety of goods. Each system consists of a base (or pallet), a foldable sleeve, and a lid. They can be tailored to individual requirements, making them suitable for industrial as well as general logistic applications. Thanks to the many system advantages, TWIN-TEC folding containers are the perfect sustainable alternative to cardboard packaging as well as the heavier and more damage-prone injection-molded load carriers.

Product Range:

- ID-PACK (Pallet, lid, sleeve, and optional inserts; foldable as a kit system; sizes: 0806, 1208, 1210, 1211, 1512, 1612, 1812)
- DUROPAC (Shelf-compatible; very large volume reduction when empty; size: 1208)
- ROBUPAC (Twin-sheet closed pallet with replaceable feet and skids; sizes: 1208, 1210)
- LARAPAC (Single-sheet pallet and lid; size: 1208)



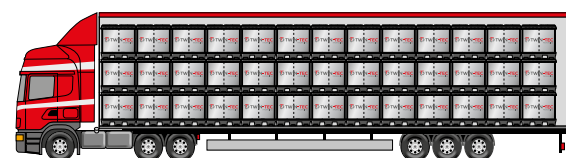


EVEN IN THE STANDARD VERSION – A TRUE TRANSPORT PROFESSIONAL

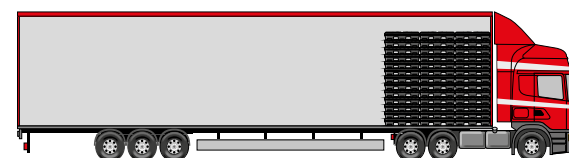
In their base configuration, TWIN-TEC foldable containers already provide all the necessary features of a good, efficient, robust and secure transport container system. With robust lids, protective folding sleeves, and high-load-capacity pallets, these containers set new standards. The standard version includes black bases and lids, and gray foldable sleeves available in freely selectable heights.

CUSTOM-TAILORED PERFECTION THANKS TO NUMEROUS OPTIONS

The various optional features of TWIN-TEC foldable containers offer a wide range of configurations for customer specific requirements. Configure your individual container system exactly to your need. If you require additional features, feel free to contact us – we'll develop the fitting solution for your intended use.



Outbound Transport (Mega Trailer):
78 loaded ID-PACK systems (1225 × 825 mm)



Return Transport (Mega Trailer): 78 empty ID-PACK
systems (1225 × 825 mm) require only 3 loading meters

THE EQUIPMENT OPTIONS FOR THE CONTAINER SLEEVES



M- or Z-folding



Open front sleeve construction



Standard edge
Optional cut-outs for sliding locks



Loading flaps
in variable sizes



Sliding lock
for loading flaps



Card pockets
and placard label holders



One- to four-sided printing,
also in multiple colors



Comfort lock
for pallet and lid



Wide selection of colors – interior
and exterior, optionally different



Rounded edge



RFID-marking



ESD version

REUSABLE PACKAGING – OPTIMAL SINGLE- AND TWIN-SHEET SOLUTIONS

PART SIZE: UP TO MAX. 3,100 × 1,650 MM



Containers and trays or interlayers produced using the twin-sheet process offer exceptional stiffness with superior dimensional stability and weight characteristics. They are ideal for the transport and storage of heavy components. The twin-sheet process allows different materials as well as different shapes and colors on each side. Custom finishes and labeling also allow for automated loading and unloading.



Reusable packaging produced using the thermoform process by TWIN-TEC is designed for the customer's specific application and enables safe and protected transport or storage. Thanks to its tailored design, a precise and simple container assembly with optimal packing density is ensured. Depending on the use case, these reusable containers can be configured for both manual and automated handling.



Transmission housing



Twin-sheet sleeve for very high stacking loads



Drive shaft



Wheel interlayer up to 23" (single-sheet)



Exhaust systems



ESD airbag module



Control arm



Connecting rods



Tray for electro-mechanical components

A SELECTION OF OUR SOLUTIONS

The experts at TWIN-TEC Packaging support customers from the ideation to the implementation phase and are able to handle everything from the conceptual development of the individual packaging solution to the final packaging assembly at one-stop in-house.

Our goal is to ensure that all products arrive undamaged on their destination, ready to be efficiently assembled and put to work in their specific application.



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