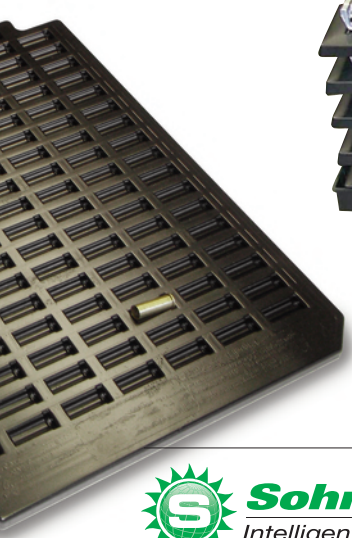
Precision Automation Thermoformed Trays



Precision Automation Thermoformed Box Stacking Trays

Stacking containers for shipping and automation inserts.

Sohner's special production process makes it possible to mold precision plastic trays and returnable containers at economical prices. The mold cost is 1/10 the cost of an injection mold. These stackable trays are designed to hold parts in place via specially engineered pockets. This prevents damage resulting from part movement and vibration during shipping and handling. Sizes are available up to: 76"x 37"x 20".

	Length		Width	
Part #	Imperial	Metric	Imperial	Metric
0909	9 in	229 mm	9 in	229 mm
1209	12 in	305 mm	9 in	229 mm
1311	13 in	330 mm	11 in	279 mm
1512	15 in	381 mm	12 in	305 mm
1615	16 in	406 mm	15 in	381 mm
1717	17.5 in	445 mm	17.5 in	445 mm
1816	18 in	457 mm	16 in	406 mm
2115	21 in	533 mm	15.5 in	394 mm
2415	24 in	610 mm	15 in	381 mm
2319	23 in	585 mm	19.5 in	495 mm
2422	24 in	610 mm	22 in	559 mm
3220	32 in	813 mm	20.5 in	521 mm
3224	32 in	813 mm	24 in	610 mm
3230	32 in	813 mm	30 in	762 mm
3632	36 in	915 mm	32 in	813 mm
4024	40 in	1016 mm	24 in	610 mm
4832	48 in	1219 mm	32 in	813 mm

Standard Sizes (adjustable height)

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Reverse Trays

This model has been developed for robotic parts handling and automatic handling of trays for transport and storage. The outside contour of the tray forms a fixed coordinate system for each of the specifically molded inside pockets.

Typical positional accuracy of the pocket relative to the outside walls is ±0.10". It is a cost effective alternative to expensive, complicated positioning devices, and injection molded trays.

	Length		Width	
Part #	Imperial	Metric	Imperial	Metric
1209	12 in	305 mm	9 in	229 mm
1311	13 in	330 mm	11 in	279 mm
1512	15 in	381 mm	12 in	305 mm
1615	16 in	406 mm	15 in	381 mm
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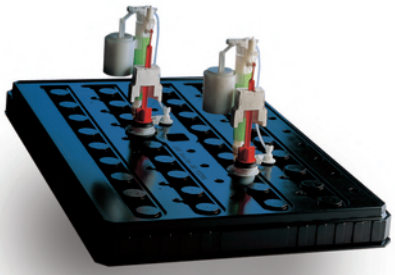
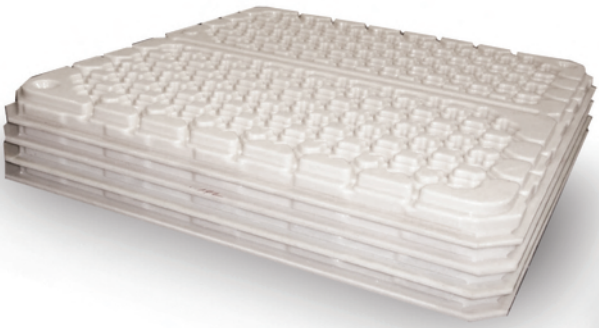
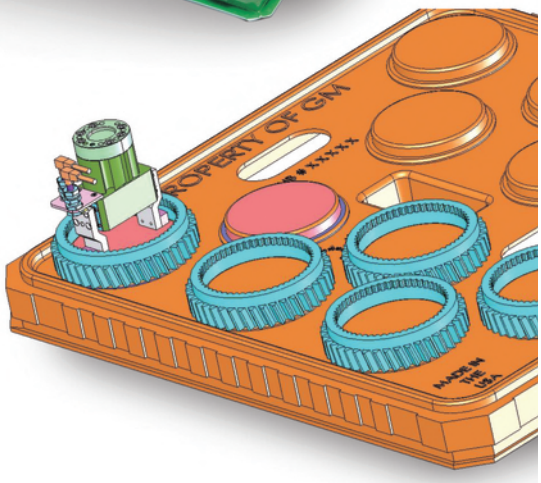
Standard Sizes (adjustable height)







Thermoformed Dividers

Dividers for pallets and rack systems.

Dividers are custom designed thermoformed to support and separate parts as well as for stacking on pallets or upon themselves.

Many times they are used with steel racks.

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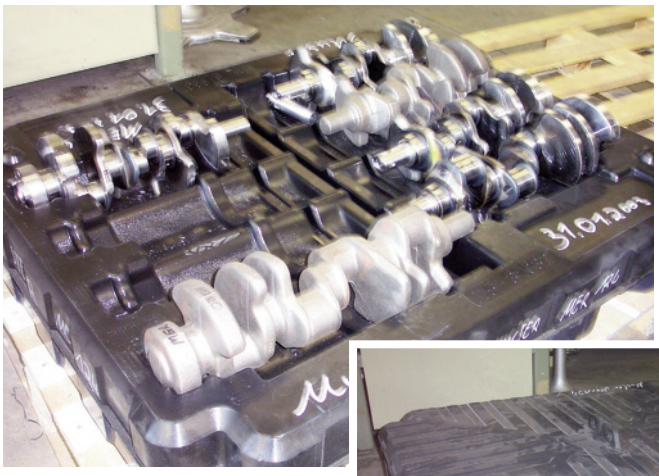
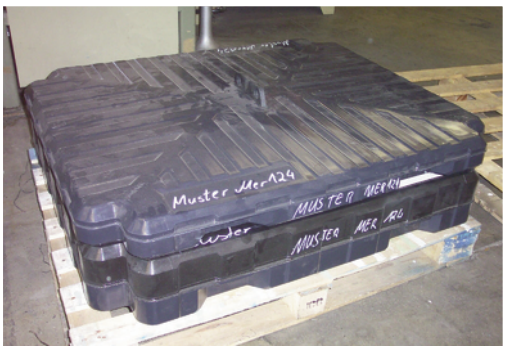
SohnerPlastics
Intelligent Packaging Solutions

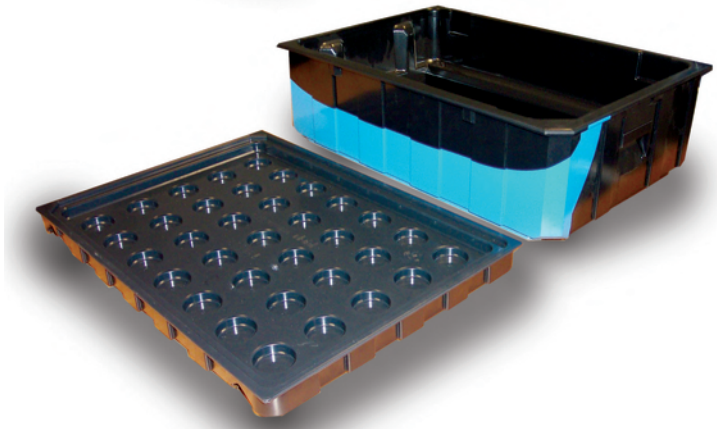
Twin Sheet Extra Rigid Trays

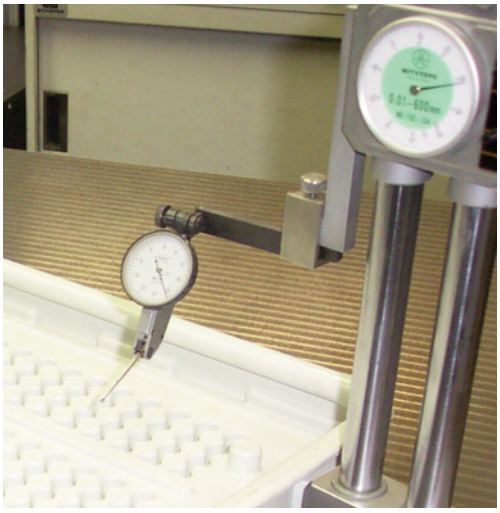
Precision part shipping and storage containers.

We have state-of-the-art Twin Sheet Thermoforming machinery and technology with the capability of producing big trays designed to protect finished surfaces as well as precision machined parts. Crank shafts, for example, have large diameter cams, which might easily be damaged in handling and shipping. These parts are also very heavy, close to 2,000 lbs/container, and stacking them might damage the parts. We have developed special Twin Sheet containers which allow our automotive customers to safely handle the finished crank shafts in their plant or even when shipping them overseas, fully protected in our containers.







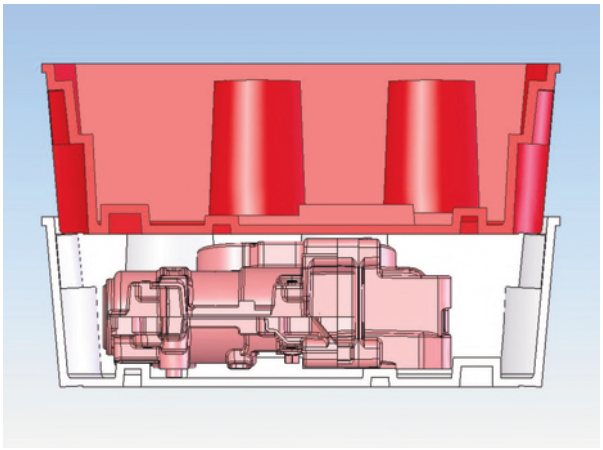


Twin Sheet Automation trays are very rigid, low profile, and have a flat bottom for easy transport over roller conveyors.

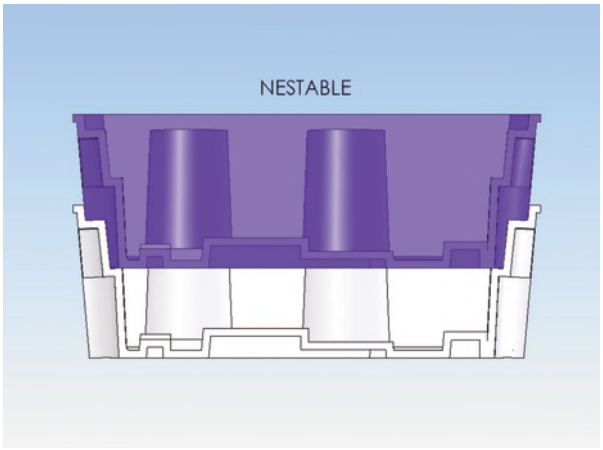
180° Stackable and Nestable Trays

Stack and nest, turn 180° trays offer the advantage of volume reduction on the return trip, when they are empty. This saves a lot of money in shipping costs, especially for deep trays.

- **Dust Shield Protects Part During Shipping**
- **Anti-Jam Feature makes it Easy to Handle**
- **Space Savings of 30%-50% on Return Trip**



Trays stack together protecting the part during storage or transport.



Rotate trays 180° to nest them together, reducing volume and shipping costs.

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- Polypropylene
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- Coextruded Recycled Base with Virgin Cap and Color Stripe
- High Temperature Polycarbonate
- Conductive - PS Prime & ESD
- Conductive HDPE
- Disapative - PS
- Multi-colored - ABS & HDPE
- Outdoor UV Resistant
- High Impact ABS