



The thermoformer.

Development
Tool engineering
Thermoforming
Milling
Assembly



The thermoformer.

The **eco** company was founded by Michael Eberlein under the name Eberlein & CO in **1938** in Nuremberg, and at that time produced items for shops..

In **1966** the manufacturing of items for shops, game packaging and blister packaging commenced using the method of **thermoforming**.

A continuous expansion of production with increasingly sophisticated items followed, such as knight's castles, base plates for model railways with Zerrdruck (printing process involving the transfer of an image from a cliché onto a silicone rubber-based modelling mass) and sandboxes.

In **1977**, the idea came for the production of roof boxes - the Jetbag brand was born. The company continued to develop further over the years and constantly opened up new markets.

Since **2002**, **eco**, under new ownership at Goldschmidtstraße 8 in Neumarkt, only concentrates on its core competence - **the thermoforming of technical products customised for individual customers**.

eco Kunststoff has been the specialist for plastic deep drawing for many decades, and is today one of the leading providers of packaging for internal and external transport in Europe.

As a modern thermoformer with a broad product portfolio, **eco** processes all of the usual plastics in thicknesses from 0.25 to 12 mm and in sizes up to 2,400 x 1,400 mm from rolls and plates.

We look forward to you.

Your team of

eco Kunststoff GmbH & Co. KG

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Development

We have already been the pioneer and specialist for thermoplastics engineering with a lot of know-how since 1966. In order to evolve a great idea into a customised product, the project management works together closely with our technicians and develops the requirements profile of your packaging together with them.

The selection of suitable plastics and the technical prerequisites with respect to product geometry and material are also defined here. We subsequently generate a 2D and a 3D drawing of the packaging layout for you with the help of the usual CAD programs.

Tool engineering

We produce highly precise moulding dies for thermoplastics processing. As a result of the increasing complexity and performance capacity of plastic products, increasingly more demanding requirements are being made of series tools.

Our employees develop, design and produce sample, prototype and series tools for our thermoform parts at a very high level in our own in-house mould making facility.

With our modern 5-axis machinery, we are capable of manufacturing tools on a CAD/ CAM basis up to a size of 2,500 x 1,500 mm from aluminium, casting material, Ureol, plastic or casting resin.

We also produce floating cuts, stacking devices, processing and clamping templates from the most varied materials.

Your tool is in safe hands with us and, thanks to our spacious storage areas, always available.

Our Maintenance department maintains, cares for and optimises your tools.



W Thermoforming

With our modern machinery, we mould individual solutions, supported with compressed air and regulated processes, with thermoplastics like films and plates with thicknesses up to 12 mm and a size of 2,400 x 1,400 mm in all of the usual materials.

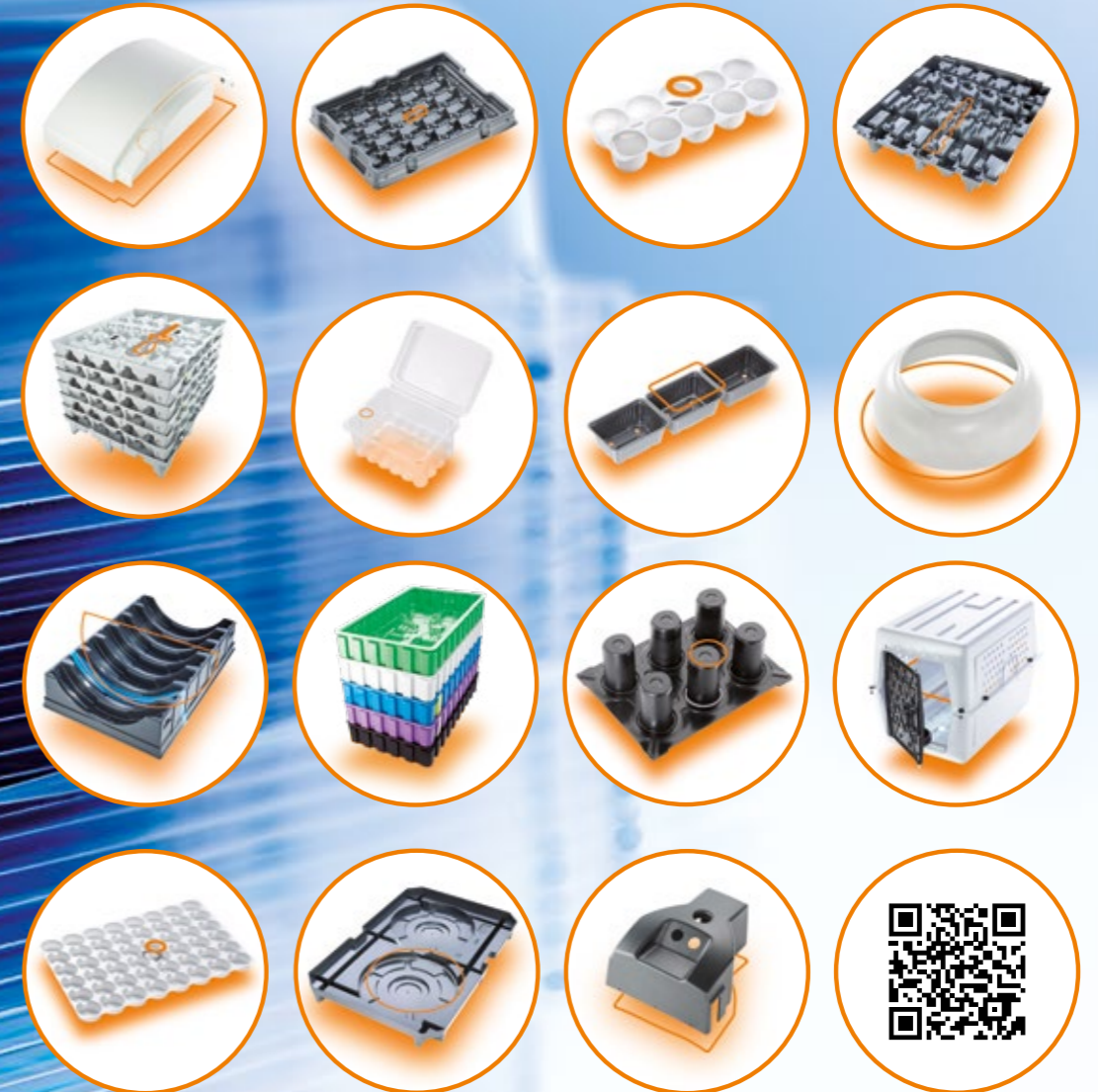
We produce small and large series precisely according to the requirements of our customers in the automotive, food, consumer goods, apparatus engineering and many other segments.

Here you will find many product examples from the most varied industries and areas.

Plate machine



Roll automatic machine



You can also find more product examples at www.eco-kunststoff.com.



Milling

Many of our products require a very high degree of contour and bleed precision, as well as additional geometries not realisable with thermoforming.

In order to ensure these, we process your parts on a 5-axis CNC processing centre designed especially for these, and are not only very flexible as a result, but also especially fast.

Assembly

As your full service partner for plastic processing, we support you with the finalisation of your products with a broad and flexible spectrum of **partial or complete assembly**.

Depending upon the specification, application area and material, we also test which processing technology is the most suitable and most sensible for your project.

We drill, saw, punch, glue, rivet and deburr.



Environmental management

The continuing success of a company is determined by the satisfaction of our customers. Which is why we wish to fulfil their expectations within the framework of our material, personnel and financial resources with the best possible quality.

This involves a consistent customer orientation, a quality of the products that corresponds to the agreed upon specifications and a high degree of adherence to schedules.

Certification according to ISO 9001 is the foundation for the success of our QM system..

Quality management

Due to our activity as a plastic-processing company with a focus on packaging solutions, we see ourselves obligated to work sustainably. We are able to do so thanks to production processes that conserve resources. Intelligent design for the tool layout and the return of plastic residue to the material cycle are further criteria for the sustainability of the **eco** company.

Certification according to EMAS helps us achieve our environmental objectives.



eco

Der Thermoformer.



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eco

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