



Your Specialist for Engineered Plastics



Raceplast is a forward-looking company.

We have been advising our customers on their individual and tailor-made solutions on a highly technical level since 2007.

Our services range from the production of individual parts to series manufacturing, on up to the installation of complete assemblies.

Our speed and reliability ensure a smooth schedule execution for you.

We can submit an offer at no cost to you within 24 to 36 hours!

Customized plastic solutions based on your customer specifications.

We deliver our plastics in the form of semi-finished products such as sheets, round and flat bars, profiles and even precision machined finished parts.

Our plastics are used in almost every industry worldwide.

Take note of the following: Every industry has its own requirements for materials.

That is why we are study the requirements of our customers in detail.

We know which material to recommend for your application.



Chemical tank and plant construction



Renewable energies



Mechanical and plant engineering



Vehicle construction



Materials handling & automation



Sports and leisure



Shipbuilding and boat construction



Electronics



Bulk conveying



Construction industry



Hydraulic and coastal engineering



Electrical industry



Agricultural industry



Aerospace



Medical technology



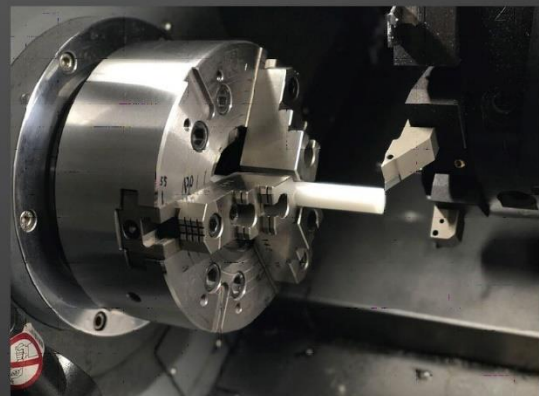
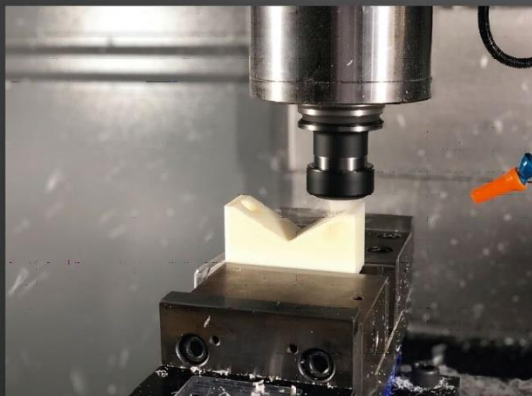
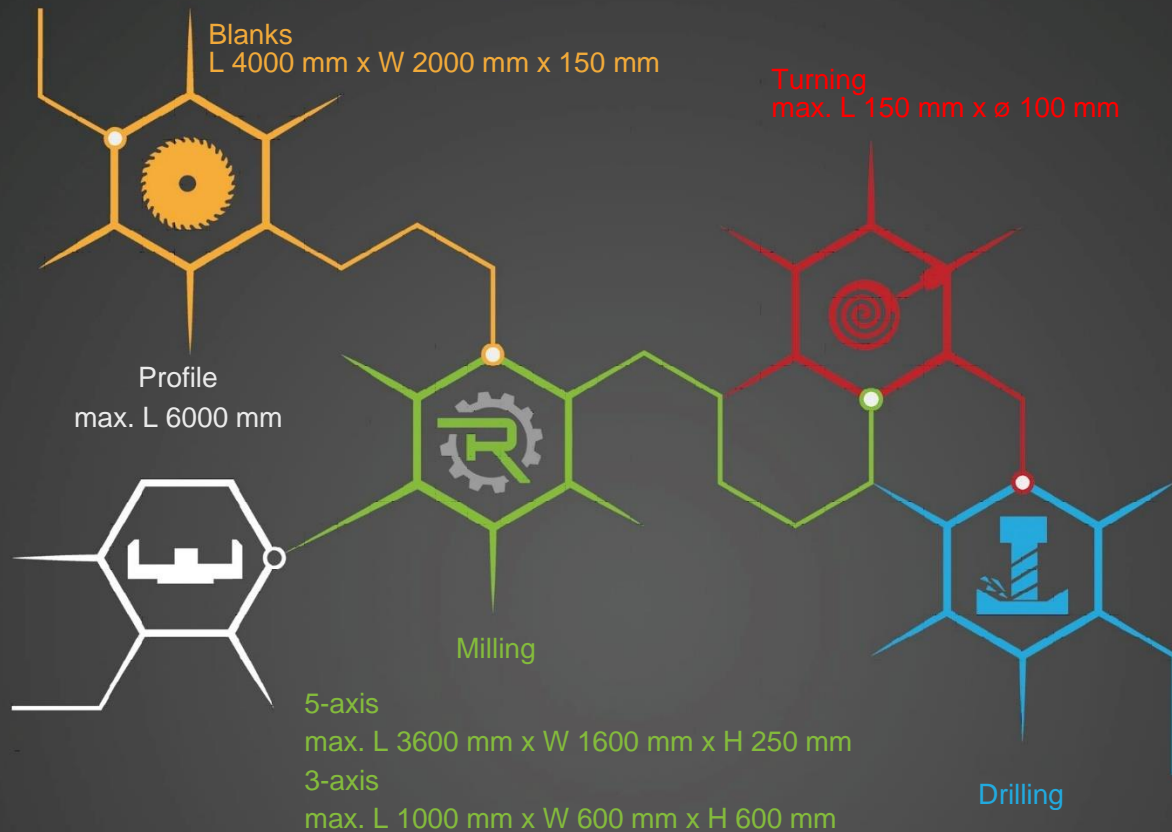
Food industry

Manufacturing

CNC MILLING PARTS AND MORE FROM THE PLASTIC PROS

Our facilities cover more than 1200 m² of production area, milling, sawing, and turning, meeting the highest demands.

These include: **Sawing** **Milling** **Turning** **Drilling** **Profiling**



We are certified according to DIN EN ISO 9001:2015, because only plastic product of the highest quality is to be manufactured for our customers.



Finished parts

We manufacture individual and highly precise finished/drawing parts from thermoplastic resins in the machining process to meet the highest demands.

Individual prototypes and production parts for the final application can be produced using the CNC milling process (3-axis or 5-axis milling). Closest tolerances are achieved with modern CNC milling machines. Let us demonstrate our short and timely delivery times with an optimal price/performance ratio.

We are perfectly equipped for producing an individual part as well as for large series productions.

We always develop a suitable solution for both the project and the material.

Our picture gallery provides some insight into the complexity of our work pieces.



PA 6-E • PA 6-G • PA 6.6 • PA 6 GF 30 • POM-C • POM-ESD • PE 300 • PE 500 • PE 500 confetti-colours•

Turned parts

In addition to milling, the production of complex and high-precision CNC turned parts is an essential element of our machining technology expertise.

Raceplast supplies you with precise CNC-plastic turned parts with the smallest of tolerances in form and position and short throughput times. No matter if it is a single piece or a large series. During the CNC turning process, rod material is rotated while a cutting tool is held to the workpiece to remove material and produce the finished parts.

The lathe quickly produces your parts in a subtractive turning process with the help of driven tools. Depending on the number of units and geometry, the turned parts are processed conventionally (manually) or produced using the most modern CNC turning machines.

We know how to do it! Our picture gallery provides insight into the complexity of our work pieces.

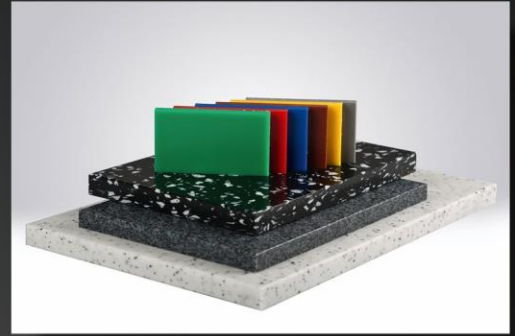


PE 1000 • PE 1000 ANTISTATIC • PEEK • PET • PTFE • PTFE + 25% CARBON • PVDF • PVC-U • PP-H

Semi-finished products/sheets

Raceplast guarantees a consistently high quality and low-stress base material for a broad range of industrial applications as well as business and medical technology. The semi-finished product, as the precursor of each machined part, largely determines the quality of the finished part.

Other dimensions and special colours are available upon request based on RAL colours.



Round rods

Our production offers an extensive program of turned parts. Many semi-finished products can be ordered just-in-time. We can schedule the material flow to coordinate with your production process.

For you, this means lower warehousing costs and flexibility to meet changing market needs. Further colours, lengths, materials upon request.



Support pads / Container plates

PE 500 confetti-coloured (PE-HMW) comes into play where colour and optics are not of high importance. The mechanical properties of the PE quality provide a very good engineering plastic for processing. The extremely low self-weight, as well as the 0% moisture absorption, combined with its extreme resilience make this material indispensable.

A PE 500 confetti-coloured (PE-HMW) sheets with the dimensions 1000 x 1000 x 80 mm is quite impressive with its load capacity of up to 70t with a net weight of only 80 kg.

On request, we can also deliver the plates with carrying handles.



Protective barriers

Plastics suitable for contact with food

RACEPLAST offers a wide range of standard plastics including high-temperature plastics suitable for direct contact with food. These plastics comply with the requirements of the May 2011 EU regulation 10/2011/EU, its amendment 1282/2011/EU, as well as the framework regulation 1935/2004/EC, and regulation 2023/2006/EC.

Many Raceplast plastics for direct contact with food also meet the requirements of the US Food and Drug Administration (FDA). PE 500 (HMW), a high-quality, solid material, ideally suited for use as a protective barrier in

- Cold storage, slaughter- and warehouses
- Hospitals and nursing homes
- Department stores and local businesses
- Airports and train stations

Due to its very high load capacity and high durability, it protects both the equipment and the walls. Countersunk holes can be produced in single, double or alternating rows.



Our standard profiles



Of course, we also manufacture bumper guards according to your specifications and wishes.

Colours



Green



Yellow



Blue



Red



Grey



Black



White



Brown



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