Micro laser cutting

Precision laser cutting of single piece to mass production

Mekoprint Chemographics is dedicated to being your preferred partner in the design & production of fine mechanical components, focusing on optimization, development and design. We can assist you from the early product development and selection of the material to design improvements. We believe in creating the best solution together.

Effective laser cutting

Fiber laser cutting has its clear benefits when it comes to high speeds, an incredible accuracy of ±5 my and a minimal heat influence of the material.

The fiber laser beam allows cutting of even the most complex geometries and the narrowest traces in the material.

Materales

The work area is 500 x 500 mm, and we cut in material thicknesses within 0.05 - 1.5 mm in many different materials, for example steel and stainless steel, nickel silver, brass, copper, aluminum, fiberglass and plastic materials such as PEEK.

If there is a need for cleaning of the micro laser cut parts, we can offer both mechanical and chemical cleaning, depending on the item.

Narrow cuts

The micro laser cutting is offered as a supplement to our etching and punching technology, where very high geometric precision or very narrow openings are needed in relation to the material thickness.

For example, we cut a trace of 0.025 mm +/- 0.01 mm in 0.2 mm thick stainless spring steel.

Vision control systems

With our optical measurement technology from the German manufacturer, “GOM” we can measure micro parts and secure that the items are according to the specifications. The system is excellent from measuring complex geometries such as curved surfaces and inner curves.

We deliver more than a product

when we create customer specific solutions together

- Improved value by optimizing product design for use and manufacturing.
- Reduced supply chain with automated processes and quality requirements.
- Optimized time to market with rapid prototyping and short production lead time.
> Focusing on Improvements by cost-efficient production methods

We are available with sparing and optimization within the design phase through the prototype manufacturing to the finished product. Throughout the many years of partnerships with our customers, we know the importance of making simple but optimized solutions, that are created precisely for the customers needs.

Construction & Design
Come safely from idea to finished solution with Mekoprint as your partner. With the assistance from our design team you will be secured the right solution, which will furthermore be manufactured according to your specific requirements.

Demanding industries
Micro laser cutting is perfect when it comes to demanding industries like medico, electronics and automotive - all industries that are demanding in terms of quality, precision and small tolerances.

Quality assurance
A high quality level is crucial for our customers. Therefore, with the state of the art measuring equipment GOM Vision Sytem, our own quality management team assures superior quality for every delivery.

Creating together
Partnership, cooperation and communication

You get one team of dedicated contacts who know you, your business and your market. We keep focus on your project, your costs and your production possibilities. We will challenge you in the development process and cost optimize throughout the production process.

Our goal is very clear - to work for you and with you.

Customer focus  Development  Optimization  Design

MERCURVEJ 1 - DK-9530 STØVRING
+45 9936 5600
CHEM@MEKOPRINT.COM
MEKOPRINT.DK