

# TECHNICAL PLASTIC PARTS WITH ADDED VALUE







MODULE ASSEMBLY

→ 3D PRINTING



SEMI-FINISHED PRODUCTS



### Our corporate culture is built on solid values

Amsler & Frey AG is an innovative Swiss company in the plastics industry. Founded in 1968, it manufactures high-quality and complex plastic products. The range of services it offers is supplemented by module assembly, trade in semi-finished plastic products and a comprehensive range of items for additive manufacturing. Amsler & Frey AG is distinguished by its professional expertise, quality awareness, reliability and high level of service readiness. Every day, our workforce of more than 60 employees is committed to ensuring that our customers can count on absolute quality, precision and dependable scheduling, from their initial contact with us to the delivery of the products. This makes us a reliable partner – from consulting and component development right through to the provision of a perfect end product.

As a company that strongly believes in sustainability, we assume responsibility for occupational safety, social issues and the environment. Our mission to continuously improve the quality of our products and services and to develop new and innovative solutions gives us fresh impetus day after day.

Daniel Lienammer

Managing Director

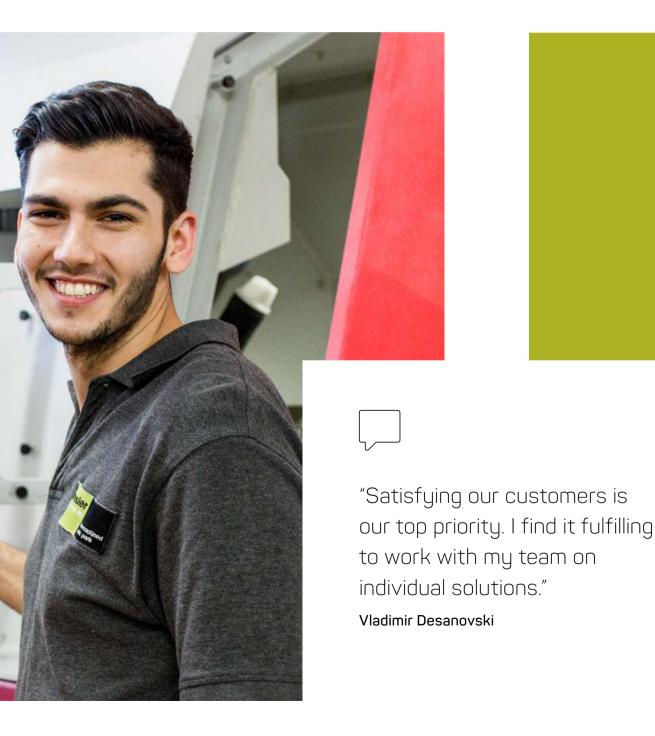


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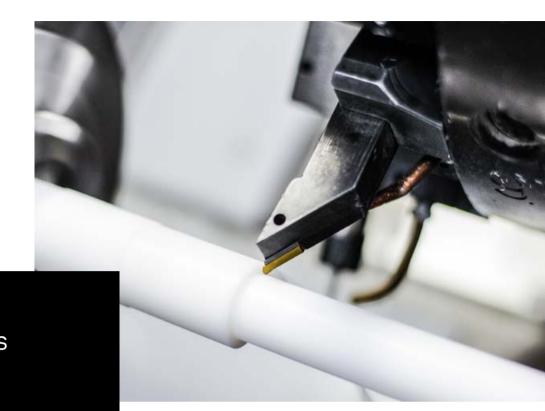


# INDUSTRY KNOW-HOW

With our many years of industry experience and our expertise in tackling complex tasks, we can offer you added value.

We have been developing and manufacturing plastic parts for over 50 years. Our extensive know-how leads to new, innovative solutions – for anything from mechanical engineering or the food industry to public transport or medical technology. Amsler& Frey AG guarantees top quality and absolute purity in the production of complex plastic parts. All areas of the company are certified in accordance with the ISO 9001 and 13485 quality management systems. Cutting-edge measuring equipment ensures consistent and reproducible product quality. Full traceability of all processes and materials can be guaranteed at the customer's request.





### We have a proven track record in the following industries:

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- Mechanical and
  equipment engineering
- Medical technology
- Analysis and laboratory technology
- Measuring and sensor technology
- Food and beverages
- Electrical engineering
- Conveying technology
- Energy supply
- Public-sector institutions (universities, federal and research institutions)

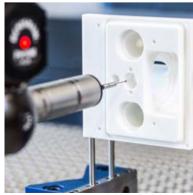














## HIGH-PRECISION MACHINED **PLASTIC PARTS**

Plastic processing poses specific challenges. That is why we support and guide our customers from the initial idea to the implementation stage, thus making sure that your orders are processed efficiently.

Your products are made using the most advanced CNC machines. We specialise in dry machining, a process in which the plastic does not come into contact with any coolant, thus completely avoiding any damage to the material. All parts undergo a quality inspection and only the highestquality products leave our factory. Machining plastics is our core area of expertise. The most sophisticated of turned and milled parts are manufactured by our experienced and highly qualified employees in accordance with your drawings.

#### **PRODUCTION EQUIPMENTS**

#### Turning

With a wide range of different CNC turning centres available, we can produce simple to highly complex turned parts with the tightest of shape and position tolerances. Anything within a range of Ø 1 to 600 mm is possible.

#### Milling

Cutting-edge CNC milling centres automated with robot systems enable us to produce small to medium batch sizes economically. Maximum processing size: 1,500 x 3,000 mm.



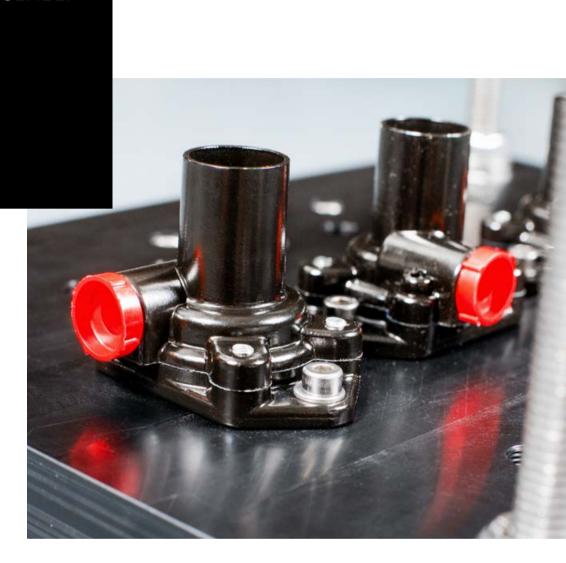
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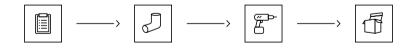


## MODULE ASSEMBLY – EVERYTHING FROM ONE SOURCE

You supply us with the specifications – we supply the finished and tested assemblies. This process is efficient and saves costs.



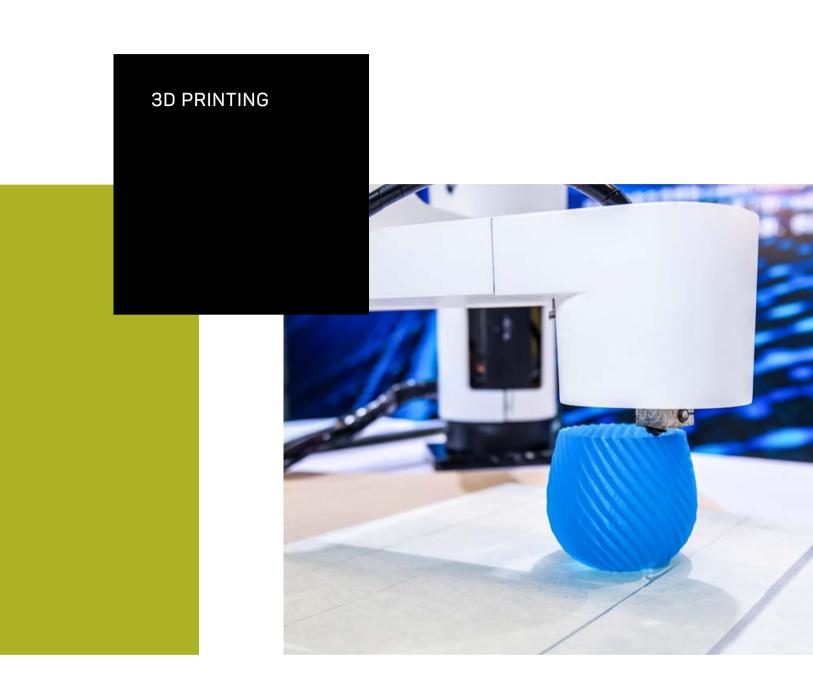


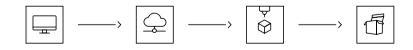


FROM INDIVIDUAL COMPONENTS TO ASSEMBLED MODULES

Our services include the provision of individual components and the assembly of both simple and complex modules. Leave the module assembly and the complete management of your parts list to us, saving you valuable time and costs. With our proven experience in plastics processing, combined with our extensive vertical range of manufacture, Amsler & Frey AG is your expert partner for assemblies. Let us tell you about the various options we offer.

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FROM THE IDEA TO THE END PRODUCT

## COMPREHENSIVE SOLUTIONS IN **3D PRINTING**

Boost your cost-efficiency by using the latest 3D printing technologies. As experts in additive manufacturing methods, we can help you find the right technology for your needs.

3D printing technologies offer many advantages. With new materials and virtually unlimited freedom in design, these technologies enable weight reduction without compromising in strength. Additive manufacturing enables us to produce complex components promptly and cost-effectively, both for prototypes and for small and medium production batches. Our web-based ordering process guarantees more efficiency. You upload your 3D CAD model to our web platform and immediately receive a binding price. You place your order with a click of the mouse and can monitor the status of your order online 24/7.

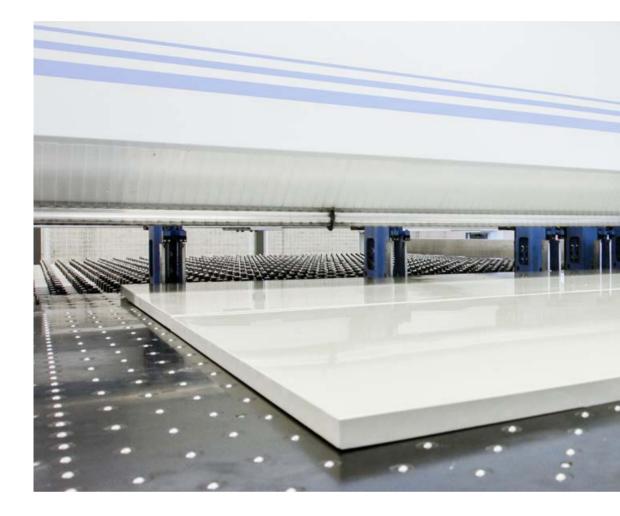
On the web platform, we offer you all the main printing technologies from a single source. With over 30 different printing materials, including various metals, we can fulfil any requirement.











# HIGH-QUALITY SEMI-FINISHED PRODUCTS

Take advantage of our extensive stock and our flexibility. You will receive precision blanks within 24 hours.

Thanks to our extensive stock of semifinished products, we can guarantee high availability and short delivery times. We have over 40 different thermoplastics, thermosets (duromers) and elastomers in stock. The plastics are available in over 2,000 different sizes and dimensions. Our cutting service offers angular and dimensionally accurate cutting, perfect for further processing. On request, profiles can be planed and grooved to the tightest of tolerances. Amsler & Frey AG also offers a wide range of ground rods.





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### SEMI-FINISHED PLASTIC PRODUCTS

#### Online shop

All semi-finished products can be ordered online in our online shop. On the website you will also find useful information about the physical properties and chemical resistance of various plastics, as well as technical data sheets and design notes.

WWW.AMSLER-FREY.CH







#### Do you have any questions?

Please call us or send us a message if you would like individual expert advice. We will be happy to assist you personally.

T +41 (0)56 463 60 70 info@amsler-frey.ch



Swiss-machined plastic parts

#### The specialist in plastics processing

Amsler & Frey AG is highly specialised in CNC machining of precision plastic parts, module assembly and trade in semi-finished plastic products. Our comprehensive range of services is enhanced by the latest technologies in 3D printing.



concept by www.stier.ch

Amsler & Frey AG Feldstrasse 26 CH-5107 Schinznach-Dorf

T +41(0)564636070 F +41(0)564636079

info@amsler-frey.ch www.amsler-frey.ch