



LARGE FORMAT 3D PRINTING & PRECISION CNC MACHINING

A faster way from design
to finished product.

Member of the KRILL BUSINESS PARTNERS 



Why additive manufacturing

PRINTS. MACHINES. SPEEDS UP DEVELOPMENT.



Develop faster

Reduce long lead times for molds, models, fixtures, and large prototypes. Validate designs in days instead of weeks with powerful 3D printing.



Lower costs

Minimize the cost of design changes when you need to change the shape or function of a product.



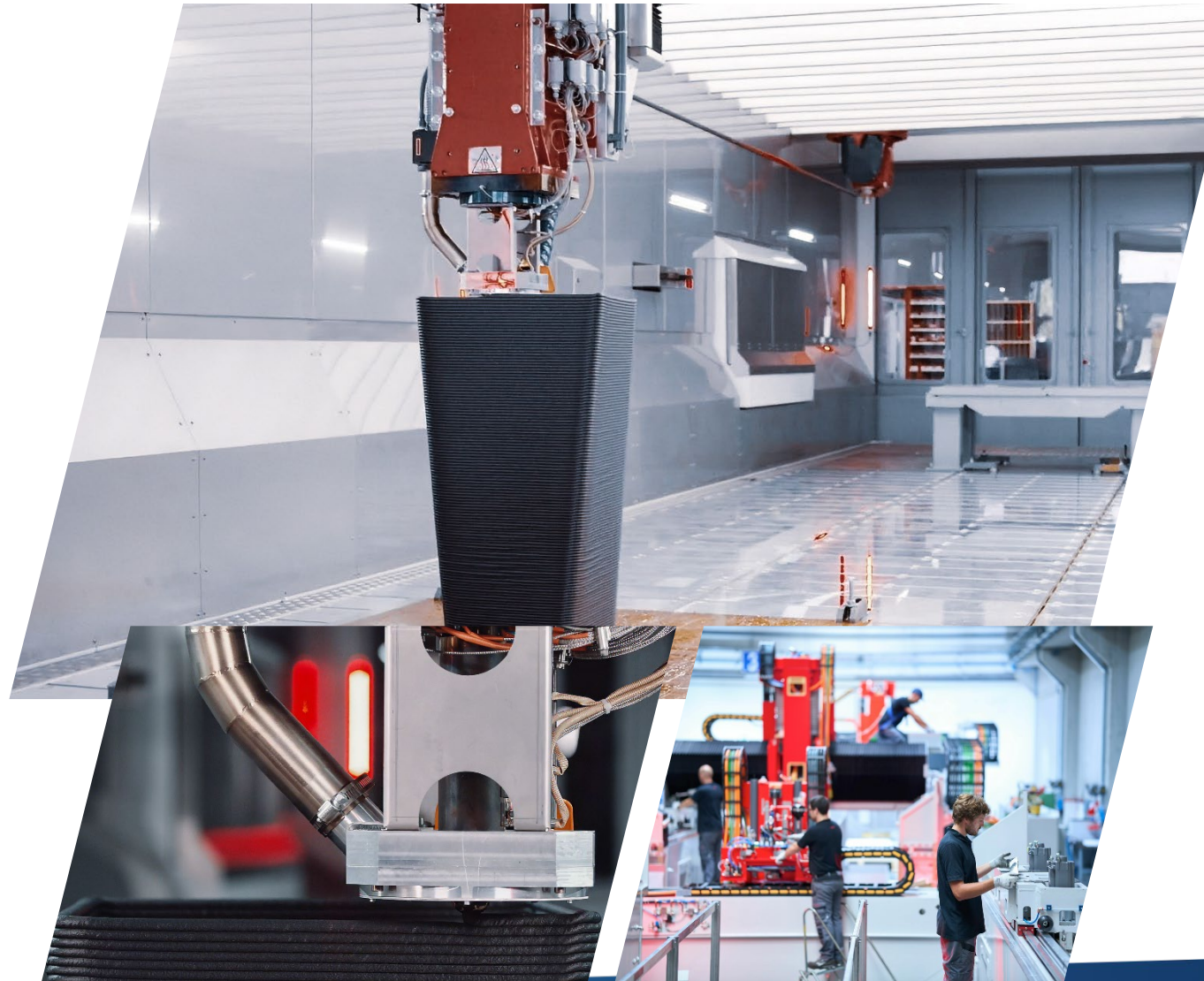
Reliability

Test ergonomics, assembly and functionality before starting mass production.



Complexity

We combine cutting-edge design know-how with modern production technology.



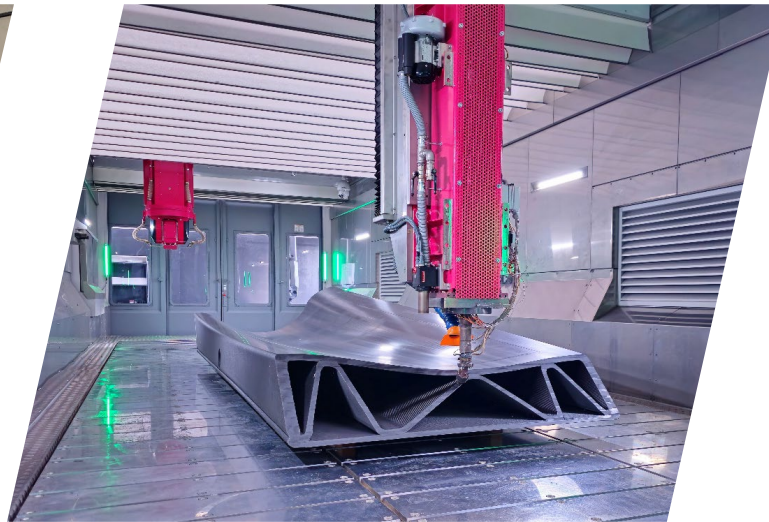
Technology for your most advanced projects

TYPICAL USE



Production fixtures and tools

Printing of assembly fixtures, inspection templates, clamping elements and molds for the production of composite parts.



Models for foundry

Molds for composites, vacuum forming, laminating and models for foundry or production preparation.



Large prototypes and mock-ups

Actual dimensions of parts to verify installation, ergonomics, assembly and design before mass production.

From your model to the final part

We provide the complete process



CONSULTATION

Clarification of the function, dimensions and complexity of the part.

DATA

We will process your data securely and choose the appropriate technology.

OPTIMALIZACE

Geometry adjustment and addition of manufacturing allowances.

PRODUCTION

Large-format 3D printing from granulate and subsequent 5-axis CNC machining.

FINISH

Completion, dimension check and handover of the finished part.



LFAM TECHNOLOGY

Breton Genesi E2 K60 A+M

PART IS PRINTED AND MACHINED ON 5-AXIS CNC

Hybrid technology **allows you to print a large part** and then precisely **machine it** in the same workflow. The result is **significantly shorter production time**, higher **accuracy**, and **fewer** intermediate steps.

One of the largest 3D printers in Europe



breton

**5,95 × 2,7
× 1,3 m**

Working space

**Composite
materials**

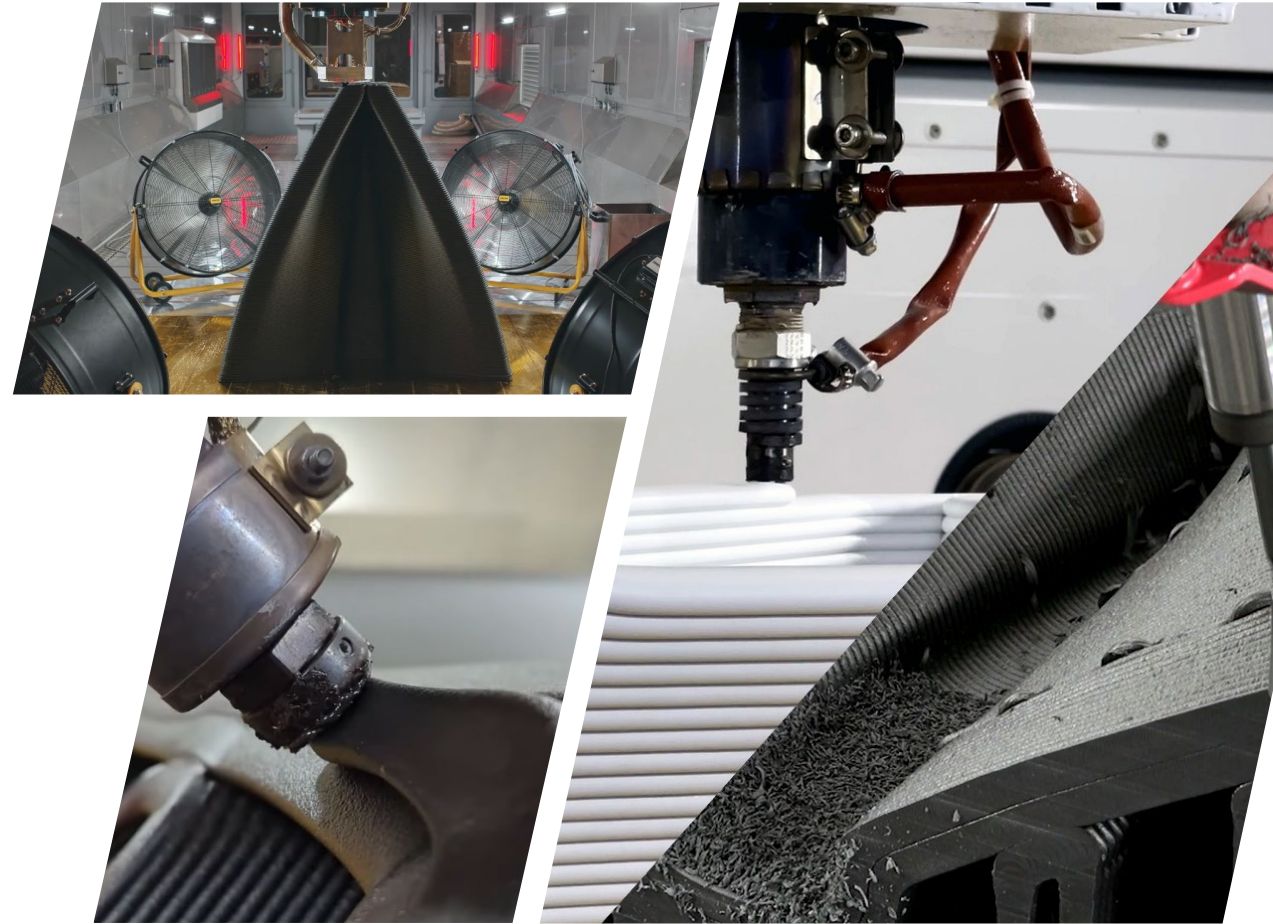
Carbon and glass fibers

60 kg/hour

Extrusion speed

Benefits that will move you forward

- ✓ **Faster development** of the new products
- ✓ **Shorter way from idea to function prototype**
- ✓ **Production without expensive molds and tools**
- ✓ **Lower** material consumption and **less** waste
- ✓ Production of the **large and advanced** parts in **one process**
- ✓ Precise finish thanks to **combination of 3D printing and 5-axis CNC machining**





Let's accelerate your project

Tell us what you need to make. We'll see if we can make the part faster, easier, or with less risk of inaccuracy.

ASK CONSULTATION



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