



Redefining 3D Printing: Filament Printers from Markforged

The filament printers from Markforged have more than convinced us. Why not offer the opportunity to produce components in 3D printing with unprecedented stability and a uniquely smooth surface. And this in all axes. As a desktop solution or printer in production, and depending on requirement, 4D Concepts offers the right model for every requirement with Markforged printers.

Advantages

- high stability/stiffness
- low unit costs
- very good material properties
- Components that can be used in production and not just as a sample/prototype
- incomparable surface properties
- EIGER software as cloud or offline version
- from the low-cost entry-level model to the printer in production or manufacturing



Technical Possibilities



- Installation space for desktop series: 320 x 132 x 154 mm
- Installation space X-Series: 330 x 270 x 200 mm
- Coating thickness: 0.05 mm - 0.2 mm depending on printer, nozzle and material
- Material depending on the printer: Onyx, Kevlar, fibreglass, carbon fibre, high-temp fibreglass, Nylon/PA6
- Printing technology (depending on the printer): Continuous Filament Fabrication (CFF) and/or Fused Filament Fabrication (FFF)
- Printing break and restart possible
- File format: STL
- from fast, stable design samples to industrial manufacturing equipment, clamping jaws and tools



4D CONCEPTS



Markforged



The Desktop Series: Stable Components Right in your Office

You have no room for a 3D printer? Then we have the solution for you: Markforged's Desktop Series - designed to give any designer and constructor the ability to create perfectly functional parts from CAD data within hours with exceptional stability and a fine finish. Every component, whether printer, software or the material, contributes to a unique 3D printing experience. Let us convince you: during an appointment with us or at your company.



The X Series: Precise and Highly Stable Industrial Components



The X-Series offers the largest installation space of Markforged printers. Components with a perfect surface thanks to a layer thickness of 0.05 mm, which in appearance and feel are similar to injection moulding parts, have narrow tolerances and even surpass the stability of aluminum, at a fraction of the cost. Simply print manufacturing equipment, tools and clamping jaws. And this with incomparable printer reliability using your personal data - offline or directly from the cloud. The specialists from Markforged or 4D Concepts would be happy to help you with the choice of materials.

Interested?

You would like to convince yourself of the efficiency of the filament printer from Markforged at the 4D company? Simply make an appointment with us. We look forward to your inquiry!