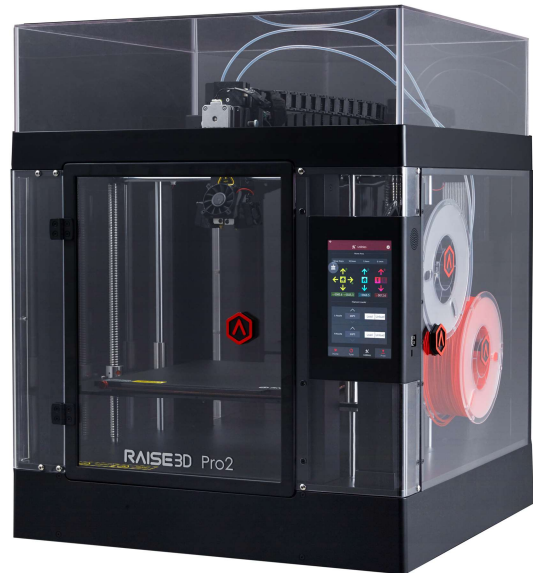


3D Printing

For prototypes & small series



Description

Raise3D Pro2 stands for professional and reliable 3D printing.

This dual-extruder 3D printing system enables intelligent networked prototyping, tooling, and short-run production. The Raise3D Pro2 is an open platform and can process a wide range of available filaments. Thanks to its generous build space, it is also ideally suited for large components and prototypes. Components can reach a box length of 305 x 305 x 300 mm. The 3D printer's enclosed build space and a heatable build platform allow it to process challenging materials such as ABS, HIPS, PET-G, PLA+, PP and ASA. With the dual extruder, even very complex components with overhangs can be produced from two different filaments (even with support material). After the finished 3D print, the support filament is simply dissolved.

Software and Accessories

- Raise3D Ideamaker
- Autodesk Inventor
- supported formats: STL, OBJ, 3MF, STP, OLTP and other transfer formats

In addition, a 3D laser measuring system (laser scanner) for simple object "copying", a surface polisher for refining the outer texture and various post-processing tools are available.

Technical Data

- Dual extruder (up to 310°C)
- Heated heating bed (up to 110°C)
- Closed build room
- WIFI, LAN, USB, build room camera and 7" touch display
- HEPA air filter
- Max. Object size: 305x30 x300mm
- Usable material: PLA, ABS, HIPS, PC, TPU, TPE, NYLON, PETG, ASA, PP, PVA, glass fiber reinforced filaments, carbon fiber reinforced filaments, metal and wood displaced filaments
- Positioning accuracy: Z-axis: 0.078125µm / XY-axes: 0.78125µm
- Min. layer height: 0.01mm
- Wireless control (also possible via app)

Service

- Consulting (feasibility, material selection, surface etc.)
- Production of prototypes and small series
- 3D design, construction and revision (existing and new parts)
- 3D laser measurement (Mitutoyo Quick Vision Pro, part size max. 400x400x250mm, resolution 0.1µm)

