



AIX RACING:

PRINT TO WIN

At AIX Racing, 3D printing is an essential tool that helps the team stay competitive in the world of Formula racing. With only 14 F2 races per year and limited testing opportunities, the team relies on Original Prusa 3D printers to produce worktools, functional prototypes, and custom parts for trackside adjustments. 3D printing allows them to quickly manufacture on-demand items like tailored screwdrivers and specialized cooling tubes to enhance performance. Printing directly on-site also allows AIX Racing to address breakages or redesigns, keeping them competitive during the racing weekend. Using heat-resistant PC-Blend Carbon Fiber and self-extinguishing Prusament V0, the team ensures durability and safety in every part.



“It’s just a matter of time before all Formula teams have a 3D printer.”

Arthur Rencker
chief engineer of AIX Racing

AIX Racing, part of the AIX investment, continues to impress in Formula 2 and Formula 3 championships, providing opportunities for young talents. They achieved a significant milestone in FIA F3 when Sophia Flörsch became the first female driver to score points.

Location	Berlin and Dubai, Germany and UAE
Employees	32
Industry	Automotive, Competitive racing
Filaments	Prusament, PETG, PETG V0, Prusament PC-CF, TPU, Prusament Resin Flex, Prusament Resin Tough
Use of 3D printing	Proof-of-concept, custom tools, functional models

BENEFITS OF 3D PRINTING AT **AIX RACING**:

- ➔ Saves crucial seconds with custom 3D-printed tools.
- ➔ Print heat-resistant parts on-site to meet race-day needs.
- ➔ Custom airflow guides enhance vehicle performance.
- ➔ Portable 3D printer enables quick repairs at races.
- ➔ Production of special parts is now 10 times cheaper.

EXAMPLES OF 3D PRINTING AT **AIX RACING**:



Custom screwdriver handle



End-cap connectors, a moving part made with Resin Flex



Custom holder for communication devices



Making such a unique shape would be complicated without 3D printing

