



TruTops Print

Data preparation for 3D printing



TruTops Print as essential part of your data preparation workflow

With the TruTops Print software designed for TruPrint machines, you can get the most out of your process. A wide range of well optimized parameters, developed by our process and application experts, is available. This allows you to have a fast start in 3D printing achieving best part quality, printing performance and quick data generation.

Making use of the open parameter editor, you have the possibility to optimize your 3D build job down to the individual vector. Beyond improving part quality and performance, the software provides a more intuitive workflow and easier navigation (than ever before) – and already fits perfectly into several AM-CAM-solutions on the market for a smooth user experience.

Rely on this progressive, intuitive software solution for your process chain and benefit from its continued further development.

01 Industrial CAM software

For professional build job preparation with any CAD/CAM software

03 Open parameter editor

For limitless optimization possibilities

05 CAD/CAM interface

For efficient integration into your existing 3D printing process chain

02 Technical benefits

For increased productivity and premium part quality

04 Large availability of parameters

For a smooth start in additive manufacturing

Industrial CAM software

For professional build job preparation with any CAD/CAM software

The result of perfect alignment between TruTops Print and your TruPrint machine leads to increased performance and improved part quality and reproducibility. TruTops Print software converts your prepared parts into machine-readable build job files, using state-of-the-art slicing and vector generation algorithms. With our process knowledge and the close collaboration with our partners and users, we achieved to develop a software tool to get the best out of your TruPrint machine for any use case.



Technical benefits

For increased productivity and high part quality

- **Highest reproducibility:**
Same vector generation and part quality - independent from the position on the build plate
- **Increased performance:**
Intelligent sorting of vectors leads to the reduction of jump vectors, which saves production time
- **Less overheating:**
Reduction of short vectors, results in less energy input in the melt pool
- **Intuitive operation:**
Simple user interface for great user experience
- **Highest accuracy:**
Vector generation allows an exact replication of the designed geometry without any loss of data

Open parameter editor

For limitless optimization possibilities

You have full flexibility in optimizing the parameter strategies to meet your individual needs.

All TRUMPF parameters can be optimized for your specific requirements. Such adjustments can be carried out by TRUMPF experts or by yourself. To enable or support you in doing so, we offer various training courses and services.

CAD/CAM interface

For seamless integration into your 3D printing process chain

TruTops Print offers a variety of interfaces to established CAM-solutions, to ensure a smooth transition from CAD-parts to machine files and to offer you the full flexibility, which is the right tool for your workflow.

Large availability of parameters

For a smooth start in additive manufacturing

The parameters developed and tested by TRUMPF experts allow a quick start for your printing project.

TRUMPF parameters are bundled in parameter sets. One set contains all parameters for a machine type and material group (different materials and layer thicknesses). This gives you access to all available machine and material parameters - and allows you to import the parameters that fit your requirements into the software.