

.NEW

TruTops Print
Software package
with Siemens NX

Data preparation
for 3D printing

TruTops Print

Reliable software suite for your digital process chain

The TruTops Print software package with Siemens NX responds to the increasing demands of your industrial series production. In a joint development, TRUMPF's machine and process know-how has been combined with the software experience at Siemens. The result is a powerful and fully integrated software suit for additive manufacturing. Siemens NX supports you with data preparation for TruPrint machines – and much more than that.

Put your confidence in this progressive software solution for your process chain and benefit from continuous enhancements.

01 Industrial-strength software

For professional build job preparation

02 Holistic solution

For efficient operation along the digital process chain

03 Data consistency

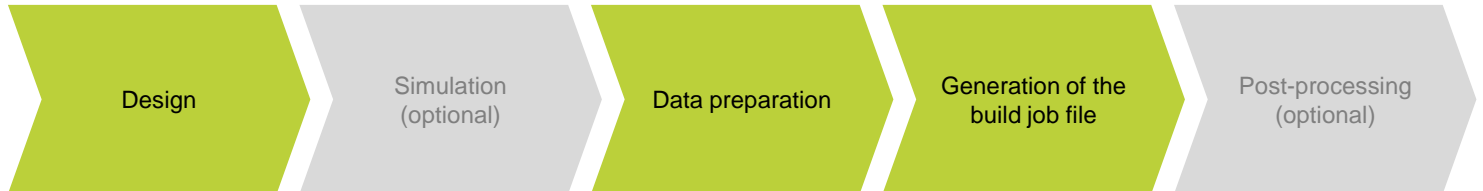
For full flexibility without STL conversion

Industrial-strength software

For professional build job preparation

The TruTops Print Software Package with Siemens NX supports every step within your data preparation for 3D printing. Generate support structures and position parts within the build space without effort. The integrated build processor seamlessly converts your design data into machine-readable build job files. During this operation, your parts are virtually sliced into layers for the printing process and the corresponding laser paths are defined. The software also assists you with the configuration of individual scanning strategies for your parts.

The software already includes basic CAD functions – additional modules are available and can facilitate further useful functions: From topology optimization in the design phase, all the way to post-processing steps, such as milling.



The TruTops Print Software Package with Siemens NX integrates the entire digital process chain in a single software solution.



Data consistency

For full flexibility without STL conversion

Convergent Modeling™ combines CAD Data and faceted geometries in a single data model. Thanks to this possibility, you can apply and use the well-proven CAD functionalities of Siemens NX directly – for example with scanned 3D data.

Furthermore, all data preparation possibilities are directly applicable to CAD data – without irreversible conversions into the unhandy STL format. That saves time and avoids possible conversion errors.

This data consistency means a seamless workflow along your entire digital process chain. Changes in design can be realized fast and efficiently.

Holistic solution

For efficient operation along the digital process chain

In contrast to separated single solutions, Siemens NX combines all CAD/CAM/CAE process steps in a homogenous software solution that meets the requirements of industrial series production. The user interface remains consistent along the entire process chain.

Learning and switching between various software products becomes obsolete – and so does your effort for data export and import.

TruTops Print software packages with Siemens NX

Feature	Siemens NX Basic	Siemens NX Advanced
Design	NX MACH1 package	NX MACH2 package
Reverse Engineering	□	■
STL repair	■	■
Build job preparation	■	■
Nesting	□	■
Support structures	Point, line and block supports	All support types
Build processor	TruPrint 1000	All TruPrint systems

- included
- not included