



I AUTODESK® INVENTOR® 2020

Make great products
with professional grade
engineering tools

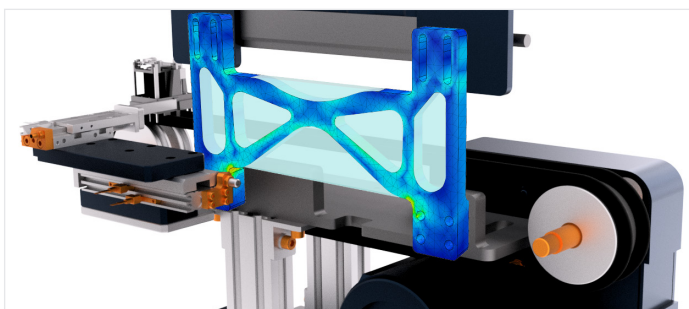
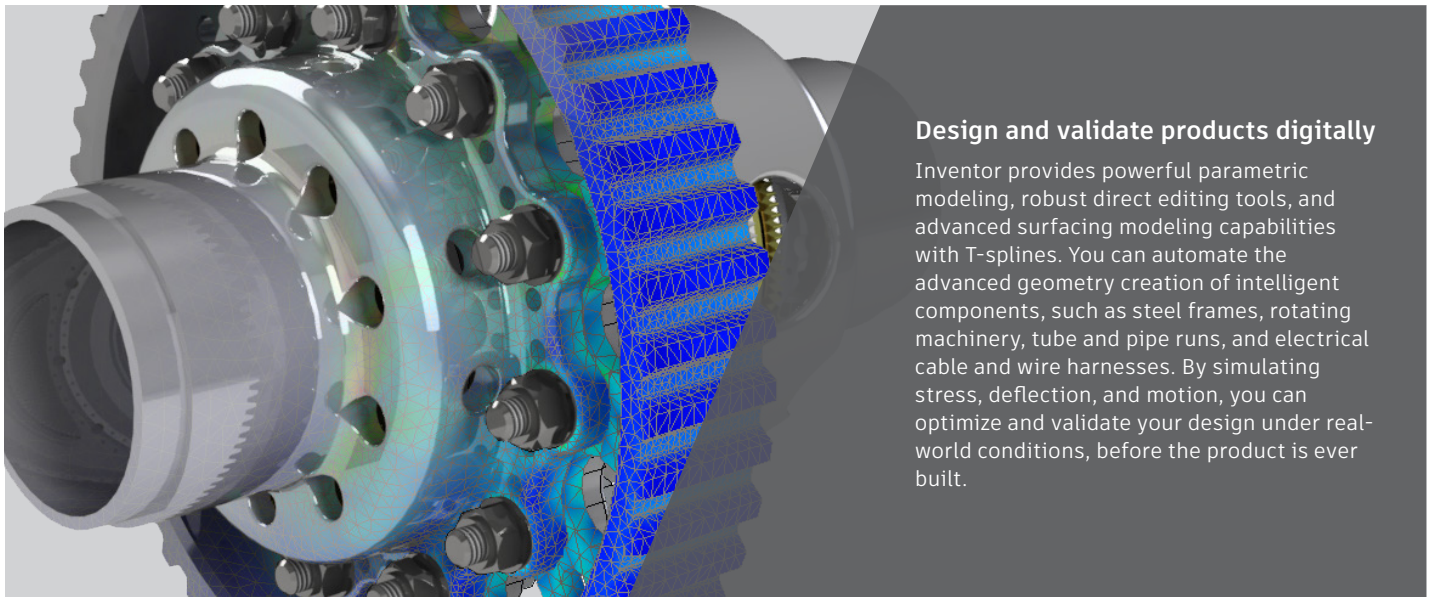


Deliver innovative products faster

Autodesk® Inventor® software provides professional-grade engineering solutions for 3D mechanical design, simulation, tool creation, and design communication that help you to make great products, cost-effectively, in less time. Inventor is the foundation of the Autodesk solution for product development. The Inventor model is an accurate 3D digital model that enables you to validate the form, fit, and function of a design as you work, minimizing the need to test the design with physical prototypes.

Facing these challenges?

- Increase innovation while reducing time to market
- Repurpose existing DWG™ design data
- Prepare non-native CAD models for new designs
- Optimize product performance while minimizing physical prototypes
- Rapidly create production-ready drawings for manufacturing
- Reduce time spent searching for designs for reuse
- Piping and wiring designs take too long to develop
- Multiple CAD systems for design and manufacturing
- Automate processes to satisfy demands for mass customization



Create the best design possible

Inventor includes topology optimization tools for the optimization and lightweighting of your design. Shape generator provides an intelligent strategy for coming up with the best design possible by removing unnecessary geometry from your model that doesn't contribute to the overall stiffness. It is based on loading conditions and the target weight requirements for your design.



Improve design collaboration and communication

Inventor is tightly integrated with Autodesk® Vault, enabling the efficient and secure exchange of design data and promoting early collaboration between design and manufacturing workgroups. AnyCAD technology enables collaboration in a multi-CAD environment by providing an associative connection with STEP, CATIA, SolidWorks, Siemens NX, Solid Edge, PTC Creo, PTC Wildfire, Autodesk Alias, and AutoCAD 2D directly to Inventor without file translation.

Make Great Products

Autodesk Inventor helps you design better quality products, faster. Accomplish more with Inventor when you connect it with other product design tools in the Product Design and Manufacturing Collection.

- Execute machining strategies with integrated 2.5-axis to 5-axis milling, turning, and mill-turn CAM
- Associatively connect 2D electrical design with 3D mechanical design models
- Plan, design, and validate manufacturing facilities

Learn more at www.autodesk.com/MAKE.

Autodesk Education

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