

AUTOCAD® MECHANICAL

FREQUENTLY ASKED QUESTIONS

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1. Can I upgrade from AutoCAD to AutoCAD Mechanical?

Yes. AutoCAD® software users can upgrade their existing product to AutoCAD® Mechanical software.

AutoCAD Mechanical is AutoCAD for manufacturing, offering significant productivity gains over basic AutoCAD software by simplifying complex mechanical design work. With comprehensive libraries of standards-based parts and tools for automating common design tasks, AutoCAD Mechanical accelerates the mechanical design process. It also provides innovative design and drafting tools that are wholly focused on ease of use for the AutoCAD user. Keeping the AutoCAD user experience intact allows designers to maintain their existing workflows while adopting, at their own pace, the enhanced functionality of AutoCAD Mechanical. Designers gain a competitive edge by saving countless hours of design and rework. This translates into time they can spend innovating rather than managing workflow issues.

[Find Out The Top 10 Reasons to Move to AutoCAD Mechanical](#)

2. Who uses AutoCAD Mechanical?

AutoCAD Mechanical is for mechanical engineers, designers, and drafters in all segments of the manufacturing industry, including automotive, transportation, industrial machinery, and consumer products. It is also the most appropriate software application for AutoCAD users who do 2D mechanical design and drafting.

3. What productivity gains can I realize by using AutoCAD Mechanical?

Built specifically for mechanical design, AutoCAD Mechanical provides significant productivity gains by automating many common tasks that must be done manually in basic AutoCAD. Standards-based 2D content libraries save time by giving you more accurate data based on international design standards. Production Drawing Creation functionality enables you to automate drawing creation, further accelerating design time. In the end, design changes can be made faster than with basic AutoCAD. With its powerful purpose-built tools, AutoCAD Mechanical saves time and effort while ensuring designs are more accurate.

[Be More Productive with AutoCAD Mechanical](#)

4. How does AutoCAD Mechanical compare with AutoCAD software?

AutoCAD Mechanical is AutoCAD for manufacturing. Built specifically for mechanical designers and drafters, it includes all of the functionality of AutoCAD software plus additional functionality to address the 2D mechanical design market. It also improves the design experience by simplifying complex mechanical design work.

5. How does AutoCAD Mechanical compare with Autodesk Inventor Suite?

AutoCAD Mechanical is a purpose-built 2D design and drafting application that offers significant productivity gains over basic AutoCAD. It is the standard for 2D drafting and design in the manufacturing industry. Autodesk® Inventor™ Suite, however, is a unique combination of 2D and 3D technology that offers users the easiest path from 2D to 3D by providing Autodesk Inventor and AutoCAD Mechanical software in one package. Autodesk® Inventor® software is the foundation for Digital Prototyping, producing an accurate 3D model that validates the form, fit, and function of a design before it is built.

6. Does AutoCAD Mechanical include integrated data management?

Yes. Data-management tools for workgroups securely store and manage work-in-progress design data and related documents, allowing users to accelerate development cycles and optimize their company's investment in design data by driving design reuse.

7. Does AutoCAD Mechanical include Power Pack functionality?

Power Pack functionality is fully integrated into AutoCAD Mechanical, so you don't need to purchase and install that software separately. AutoCAD Mechanical provides more than 700,000 standard 2D parts, features, holes, and structural steel shapes, and can automatically create machinery components such as shafts, springs, belts, and chains—minimizing time spent drawing parts or creating and maintaining parts libraries. It also performs the engineering calculations you need most frequently.

8. What are the benefits of an AutoCAD Mechanical subscription?

To learn more about AutoCAD Mechanical, call Autodesk at 1-800-964-6432, or contact an [Autodesk Authorized Reseller](#).

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