AutoCAD® AutoCAD® Mechanical 2016

Top reasons to buy/upgrade

AutoCAD Mechanical design software includes all the functionality of AutoCAD, plus libraries of standards-based parts and tools to help accelerate mechanical design.

» 700,000 standard parts, features and assistants

When you are dealing with machinery that contains hundreds or thousands of parts, it could take days, or even weeks, to draw them from scratch. AutoCAD® Mechanical software changes that by providing a comprehensive set of parts, features and assistants that you can select for your designs. When you insert content, AutoCAD Mechanical intelligently cleans up the surrounding geometry so you don’t have to edit it manually.

» Extended draw tools for manufacturing

AutoCAD Mechanical provides additional options over basic AutoCAD® software for drawing creation, including:

- More than 30 options for rectangle, arc, and circle creation
- Automatic centerline creation and updating
- Specialty lines for breakout views and section lines
- A full suite of construction lines for aligning drafting views
- Manufacturing-focused hatching patterns and sizes

» Powerful and smart dimensions

With the streamlined tools in AutoCAD Mechanical, you can create dimensions using abbreviated dialog boxes that conveniently control and expand only the relevant variables for manufacturing. With automatic dimensioning, you can create multiple dimensions with minimal input, resulting in instant groups of ordinate, parallel, or symmetric items that are appropriately spaced. Smart dimensioning tools force overlapping dimensions to automatically space themselves appropriately while integrating tolerance and fit list information into the design. Dimension input can even drive and change design geometry to fit certain sizes.

» Smart detailing tools

Built to save you time, AutoCAD Mechanical has a specific tool for almost every aspect of the mechanical drafting process. Many of these drafting tools have the intelligence that helps users easily re-edit features without having to remove and re-create the original feature. For example, a chamfer or fillet can be easily resized through the original dialog box parameters by simply double-clicking the chamfer or fillet. The list of tools includes, but is not limited to the following:

- Detail Views—Easily create linked views at different scales
- Hole Charts—Automatically update charts for the shop floor
- Title and Revision Blocks—English and metric versions available

» Support for international drafting standards

Multiply your productivity with tools that help you and your team deliver consistent, standards-based design documentation. AutoCAD Mechanical software supports ANSI, BSI, CSN, DIN, GB, ISO, JIS, and GOST drafting environments. Adhering to a standard environment improves team communication and helps drive consistent production results. AutoCAD Mechanical also includes drafting tools for creating standards-based surface texture symbols, geometric dimensioning and tolerances, datum identifiers and targets, notes, taper and slope symbols, and weld symbols.
Now Is the Time

Want to increase your productivity by up to 65 percent?* Then now is the time to move to AutoCAD Mechanical.

For more information about AutoCAD Mechanical, go to www.autodesk.com/autocadmechanical.

To locate the reseller nearest you, visit www.autodesk.com/reseller.

Discover why so many engineers, designers, and drafters use AutoCAD Mechanical software.

*The AutoCAD Mechanical Productivity Study compares the time required to complete 10 tasks in both basic AutoCAD and AutoCAD Mechanical. The conclusion: switching to AutoCAD Mechanical can help increase your productivity by as much as 65 percent. To learn more, visit www.autodesk.com/autocadmechanical-productivity.