AutoCAD Crack Serial Number Full Torrent Free Download [32|64bit] [Latest]

AutoCAD is a powerful 2D and 3D design software package, including the following functionalities: 2D Design The most common use of AutoCAD is to create 2D drawings for architectural, engineering, landscape design, and home design. A 2D drawing consists of simple geometric shapes that are used to create a structure in 3D. These simple geometric shapes and their interconnections are called objects. The objects in a 2D drawing may be related to each other in various ways; the relationships between the objects are controlled by the objects' properties, called attributes. An attribute is a specific characteristic that is defined for a particular type of object. Attributes may be defined in a drawing, or they may be assigned to objects by using the Attributes Manager. 3D Design A 3D drawing consists of objects, which are made up of three-dimensional (3D) geometric shapes. The 3D geometric shapes can be connected to each other in many ways to create a 3D object. These connections are defined by geometric constraints or relationships. The connections can be represented on a 2D page (paper) as one or more 2D drawings. You can create your own 3D models or import a 3D model to use as a template in AutoCAD. Viewing Viewing is how the objects in a 2D or 3D drawing are presented on paper or on a display. AutoCAD allows you to view the 2D drawings in 2D, 3D, or custom views. AutoCAD also allows you to view the 3D drawings in 2D, 3D, or custom views. The different views and the 3D viewing options are discussed in the section "Viewing." Modeling Modeling is the process of creating 2D and 3D objects. You can model objects by using the Standard or Drafting Commands. The Standard Commands (described in this article) are used to create the most common objects. These objects include rectangles, circles, arcs, arcs of circles, ellipses, splines, and freeform polylines and polygons. You can also use the Drafting Commands to create lines, rectangles, and arcs. The Drafting Commands include the Line, Arc, Circle, Rectangle, and Arc of a Circle Commands. You can view the objects created by the Standard or Drafting Commands in different views. R

Scripts The scripting language for AutoCAD Product Key is AutoLISP. AutoLISP, in turn, is derived from the popular LISP programming language. AutoLISP is a functional programming language, it is designed to allow programmers to work in a more natural manner. In AutoLISP, the program is written in a special text editor that contains the editor, as well as a full-featured Lisp interpreter. AutoLISP commands use two spaces to indent the code. The first space indicates the beginning of the code, and the second space indicates the end of the code. Computer files The application works with a number of types of files that are stored in locations that are relative to the current drawing. These are: CAMWorks: These files store the drawing which is used for editing and preparation of drawings. It stores many types of data, including: architectural drawings drawings for mechanical, electrical and plumbing, etc. Civil 3D files Geometric design graphics Workplane graphics AutoCAD Crack Architecture: A CAD file for Architectural drafting. This type of file contains the line and area drawings used for the design of a building. This type of file can contain any type of text, including comments, drawings, blocks, lines, text, geometric shapes, and textual commands. The data file has to be converted into an architectural file for the software to properly read it. AutoCAD Activation Code Civil 3D: A CAD file for Civil engineering drafting. This type of file contains the line and area drawings used for designing roads, bridges, and other large civil engineering projects. This type of file can contain any type of text, including comments, drawings, blocks, lines, text, geometric shapes, and textual commands. The data file has to be converted into an architectural file for the software to properly read it. AutoCAD Electrical: A CAD file for Electrical engineering drafting. This type of file contains the line and area drawings used for designing electrical and lighting projects. This type of file can contain any type of text, including comments, drawings, blocks, lines, text, geometric shapes, and textual commands. The data file has to be converted into an architectural file for the software to properly read it. AutoCAD Mechanical: A CAD file for Mechanical engineering drafting. This type of file contains the line and area drawings used for designing mechanical, heating, and cooling systems. This type of file can contain any type of text, ca3bfb1094

Example projects

You can import and update printed materials into any drawing in a snap. View and analyze the imported materials on the fly, and automatically update the drawing. (video: 1:47 min.) Save time with multiple insert changes on the fly. Incorporate changes directly from the feedback sheet into your drawings, and update the drawing with a single click. Add to AutoCAD drawing tables with an added feature of auto-calculating of sizes and angles. (video: 2:23 min.) DraftUp®: DraftUp® (video: 1:01 min.) AutoCAD® Map®: Modernize your maps with style options. Generate and download maps from hundreds of map styles that look more like the data you need. (video: 1:17 min.) MapServer®: Increase the number of layers available in your map, which results in less clutter. Export/import between your CAD and MapServer® projects in seconds. (video: 1:14 min.) 2D Drawings: Vector drawings: Colorbox tools Fast selection: the new selection boxes and colorings make it easy to quickly make accurate selections. Use the new context-sensitive tooltips to see important information about what you are doing, and you can select an exact path. (video: 1:35 min.) Create boxes for every section and drill-through box selection. Incorporate color into shapes. Create a colorbox that sticks to a line, and change the color of sections as the line is dragged. (video: 1:50 min.) Simplify the drawing process with the "Select Boxes" command. Draw multiple boxes at once, and group them together with the "Group Selection" command. (video: 1:53 min.) Save time with multi-part line and polygon selections. Edit selected boxes and remove them at once, or edit lines and shapes with a single command. (video: 2:11 min.) Automatically group selected objects: group multiple selected boxes or shapes into a single box. (video: 1:59 min.) Faster and simpler drawing: with new advanced lines and points tools, you can draw with more precision and accuracy. Use line or arc endpoints to easily create points on existing lines, and shift the endpoints. (video: 2:

System Requirements For AutoCAD:

Minimum: OS: Windows 7, Vista, XP, 2000, ME, 98, NT4, 2000 Sp3, 2000 Sp4 Windows 7, Vista, XP, 2000, ME, 98, NT4, 2000 Sp3, 2000 Sp4 CPU: 1 GHz or faster 1 GHz or faster RAM: 1 GB 1 GB Video: DirectX 9.0 compliant card with 256 MB of video memory (and an AGP slot) DirectX 9.0 compliant card with 256 MB of video memory (and an AGP slot) Hard

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