

Features and Benefits

AutoCAD LT® 2007 software is used for drafting and detailing by design professionals in all industries who require full DWG file format compatibility, but do not require 3D capabilities or advanced customization of their software.

Enhance your productivity with AutoCAD LT software, the world's number one-selling drafting and detailing product. AutoCAD LT 2007 is better than ever. Blocks are now dynamic, Express Tools for better layer management were added, and drafting enhancements abound. Now the tasks you perform every day are streamlined with just one thing in mind—boosting productivity. With full DWG file format compatibility and access to attached drawings, you've never experienced a more efficient design process.

See how AutoCAD LT 2007 stacks up against previous releases in the AutoCAD LT Release Comparison Matrix, located at www.autodesk.com/autocadlt-features.

Efficient Drafting

Dynamic Blocks

Feature	Function	Benefit
Create	Dynamic Block authoring environment provides an easy, graphical way to create Dynamic Blocks from your existing block libraries.	Use Dynamic Blocks to save time and help standardize drawings by eliminating the need to redraw standard components.
Edit	Easily edit your existing block libraries to set parameters and constraints. One block can contain multiple editable components in place of several blocks.	Find the right block much more efficiently. Inserting and editing the block is virtually error-free.
View	Use the new visibility controls to present a variety of standard block configurations in a single block.	Quickly and easily use different blocks without deleting or exploding them.

Drafting Productivity

Feature	Function	Benefit
Layer Express Tools	Use AutoCAD® Express Tools for layer management.	Increase productivity for everyday drafting tasks.
AutoTrack	Use AutoTrack™ technology to create temporary alignment paths that help you draw objects at specific angles or in specific relationships to other objects. AutoTrack includes two tracking options: polar tracking and object snap tracking.	Increase productivity for everyday drafting tasks.

Enhanced User Interface

Feature	Function	Benefit
Pointer Input	Launch commands, read prompts, and enter values right at the graphics cursor.	Keep your attention focused on design, rather than on the command line.
Dimension Input	See dimension values, such as length and angle, on the object being created or edited. Enter new values and change them dynamically in the graphics window.	Interact dynamically with your design. This capability enables you to explore alternatives on-the-fly.
Quick Calculator	The new graphical user interface makes it easy to perform calculations, convert units, and derive values from drawing entities—all from within AutoCAD LT.	Get the power of the CAL command without complex command syntax.
Rollover Highlighting	Objects in your drawing are dynamically highlighted as you roll over them with the graphics cursor.	Minimize time spent selecting the wrong object in a drawing.
Editable Scale List	Create, delete, and save customized scales lists.	Easily see and work with your own scale list.
Group or Ungroup Pan and Zoom Commands	Group pan and zoom operations into a single operation for the UNDO or REDO command.	Save time when using UNDO or REDO command.

Feature	Function	Benefit
Customization Menu for Menus and Toolbars	Easily customize menus and toolbars, and automate migration of custom toolbars and menus for future releases.	Save time customizing menus and toolbars.

Tool Palettes

Feature	Function	Benefit
Custom Content	Easily customize tool palettes for storing frequently used blocks and hatches. Drag content directly into your drawing.	Quickly find frequently used content, hatches, and solid fills, and efficiently insert them into your designs.
Tool Properties	Preassign tool properties such as layer, color, and scale. The software automatically applies properties as you insert content into your drawings.	Save time and maintain standards by ensuring that content is inserted on the proper layer with the correct scale, linetype, color, and other properties.
Content Tools by Example	Drag predefined content from your drawings, including hatches, blocks, and external references (xrefs), onto your tool palette.	Save time by creating tools that are consistent with your current standards. Maintain consistency between drawings.
Manage Tool Palettes	Create palette groups using the Customize dialog box. Easily switch between palette groups from the Customize dialog box or from the tool palette itself.	Easily organize your tool palettes into logical sets and quickly restore them at any time to increase productivity and save time.

Annotation

Feature	Function	Benefit
Create Tables	Insert standard WYSIWYG (what you see is what you get) tables with in-place editing and intuitive keyboard functionality, similar to that of Microsoft® Word.	Save time with a one-step process instead of a series of manual steps using a variety of commands.

Perform Calculations in Tables	Perform sums, averages, and counts across rows and columns. Use standard expressions in a cell such as addition, subtraction, division, multiplication, exponents, and equals. Importing from Microsoft Excel retains formulas that were created in Excel.	Perform necessary calculations right in AutoCAD LT software. Reduce errors when updating values.
Edit Tables	In addition to standard grip editing, table editing options are available through the context-sensitive menu and the Properties window.	Reduce frustration and save time through simplified table modification procedures.
Full WYSIWYG Text Placement	Create and edit text so it will appear exactly as it does in the drawing.	Easily view, size, position, and edit text relative to nearby geometry.
Text Formatting Toolbar	Adjust text appearance as needed using familiar tools common in other text-editing applications, such as Microsoft Word. Apply style, font, and other text properties to characters and words.	Quickly create and edit text.
Tabs, Indents, Bullets, and Numbering	Set indentation and tab stops, apply bullet styles for paragraphs, and create numbered lists using standard rulers.	Easily create multiline paragraphs, bulleted lists, and number notes with professional-quality formatting.
Create Multiple Hatches	Select multiple continuous boundaries and hatch them all with a single command.	Save time by avoiding repetitious use of the Hatch command.
Edit Hatch Origin	Point and click to select a new hatch origin.	Avoid complex workarounds to place a hatch to your preferred origin point.
Calculate Hatch Area	Both individual and cumulative hatch areas are listed in hatch properties as hatches are created.	Quickly and easily calculate areas of hatches.

Dimensioning

Feature	Function	Benefit
Varying Dimension Linetypes	Select different dimension and extension linetypes by using the Dimension Style or the Properties dialog box.	Give your dimensions exactly the linetype you prefer without spending time to explode and edit them.
Dimension Arc Lengths	Dimension the length of an arc, using standard arc length symbol.	Avoid time-consuming workarounds to dimension an arc.
Dimension Large Radii Curves	Create a jogged radial dimension line to indicate the radius of an arc or a circle that is too large to fit on the drawing.	Save time by automating creation of jogged dimension line.
Flip Dimension Arrows	Flip an individual dimension arrow from inside to outside the dimension line and back.	Avoid workaround to move dimension arrows manually.

Data Exchange

Workflow and Interoperability

Feature	Function	Benefit
Read/Write to Past Versions of AutoCAD/Save AutoCAD® Release 14 DWG Files	Read and write to past versions of AutoCAD software.	Easily collaborate and exchange data with users on older versions of AutoCAD.
Using DWF™ as an Underlay/Reference	Import a DWF file and use it as a starting point for the addition of more information.	Use secure, lightweight DWF files to share design information with other companies on a project.

Publishing

Electronic Publishing

Feature	Function	Benefit
Publish to DWF	Publish drawing files in the DWF file format.	Use the secure, lightweight DWF format to exchange electronic drawings without the use of editable DWG files.
Create PDF Files	Export drawing files in Adobe® PDF format.	Enable users who have standardized on PDF to view and print drawing files.

Viewing

Feature	Function	Benefit
Free* Autodesk® DWF™ Viewer	Included with AutoCAD LT 2007 is a copy of Autodesk DWF Viewer software, a free, lightweight, high-performance application for viewing and printing DWF files.	View DWF files without the original design application. Autodesk DWF Viewer presents all the intelligent data preserved with accuracy in the DWF file, including drawing scale, coordinates, assorted views, hyperlinks, and the file author. Use the flexible printing system to print to scale, fit to page, tile, or selectively print a variety of sheets from a DWF sheet set.

*This product is subject to the terms and conditions of the end-user license agreement that accompanies download of this software.

Markup

Feature	Function	Benefit
Autodesk® DWF™ Composer (available for purchase separately)	DWF Composer provides markup and redlining functionality that replaces the paper process. Mark up drawings with comments, sketches, dimensions, text, and stamps. Project team members can work with computer-generated drawings and images even if they do not own or know how to use graphics software.	Easily coordinate projects throughout the entire design review process, communicating digital design information with published DWF data.
Markup Set Manager	Display the list of markups (created in DWF Composer) in the current markup set, using a tree view organized by sheets. Republish markups, open sheets with associated markups, and change the markup status.	Automate the iterative process of drawing review, markup, and revision, streamlining workflow and helping increase productivity.

Simplified Plotting

Feature	Function	Benefit
Enhanced Plot User Interface	Provide all page setup controls in one location, with the most commonly used controls on the left side. The Preview option provides a full preview of how the current plot settings will be applied when you plot the drawing.	Increase productivity with easy access to the most frequently used plot controls.
Background Plotting	Whether you publish your designs to DWF files or plot to paper, you can continue working in the drawing editor while AutoCAD LT plots in the background.	Spend more time drafting and less time waiting for plot jobs.
Plot and Publish Job Complete Notification	Receive an unobtrusive notification when a plot job is completed. Follow the link to view the plot and publish details in the Plot and Publish Details dialog box.	Use this simple and effective method to stay on top of your plot jobs.

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