

# Top 10 Reasons to Upgrade from AutoCAD 2000 to AutoCAD 2008

## Everyday Tools Are Better Than Before

AutoCAD® 2008 software has all your favorite tools, but now they're better than ever. You'll save time because everyday tasks require fewer steps. AutoCAD 2008 is the first AutoCAD to support the Microsoft® Vista™ family of operating systems and the Intel® and AMD 64 bit chip architectures. This means as you upgrade your hardware, AutoCAD will be ready to run. There have been hundreds of productivity enhancements since the AutoCAD 2000 software was introduced. The list below incorporates some of our customers' favorite new features in AutoCAD 2008 software.

- 1. AutoCAD 2008 software is just plain faster than AutoCAD 2000.** Drawing files are about half the size in AutoCAD 2008, saving you time and disk space.
- 2. Double-click to edit any object.** You don't have to fumble around searching for the proper editing command. Simply double-click on any object to access the associated editing tools.
- 3. Annotation Scaling.** AutoCAD now has automated scaling of text, dimension, blocks, hatches and linetypes
  - Text height, hatch size is automatically calculated based on drawing scale
  - Position and visibility of annotation is controlled based on drawing scale selected.
- 4. Robust boundary hatching.** Boundary hatch improvements enable you to create hatches with greater efficiency.
  - Gradient fills - Create a solid hatch fill with blended-colors.
  - Hatch origin - Control the starting location of a hatch pattern.
  - Hatch boundaries - Hatch within boundaries that extend beyond the visible display area and add or remove boundaries from an existing hatch.
  - Separate hatches - Create separate hatch objects within a single hatch operation.
- 5. Improved dimensioning.** Dimensions are smarter and more flexible enabling you to increase productivity while reducing errors.
  - Associative dimensions - Automatically update when you modify the associated geometry.
  - Transpacial dimensions – Create dimensions in the layout that are associated with model geometry.
  - Background Mask - Hide objects beneath dimension text for cleaner more readable drawings.
  - QDIM - Quickly dimension multiple objects with a single selection.
- 6. Conceptual Design and Visualization.** Combine your familiar AutoCAD with an updated conceptual design environment. AutoCAD helps you quickly create, edit, and navigate solids and surfaces. New and improved tools for lights, materials, and rendering make creating a photo-real image a breeze. Walk and path animation tools enable you to easily explore and present design alternatives.

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- Dashboard - New, easy to use, dashboard allows access to all conceptual tools from a single area.
- Conceptual Design - Complete solid and surface modeling entities, including helix, polysolid, and sweeps and lofts.
- Visualization - On screen display modes (includes visual styles, transparency, and edge effects) and photo-real rendering with pre-defined materials libraries.

**7. Dynamic Blocks.** Powerful Dynamic Block functionality makes working with blocks faster and more efficient. You can properly orient a block reference as you insert it and you can modify its appearance without editing the block definition or erasing and inserting a different block. The flexibility of dynamic blocks provides a powerful and flexible alternative to bloated block libraries containing multiple variations of similar block definitions.

- Block Editor – Create and edit block definitions without having to explode or reference-edit a block reference.
- Block Authoring Tools – Apply parameters and actions to turn traditional block definitions into powerful and flexible Dynamic Blocks.

**8. Intuitive Sheet Set Manager.** The Sheet Set Manager helps you organize, display, and manage a named collection of drawing sheets.

- Sheet List - Access all of the sheets in a sheet set from one convenient location to view, open, and publish the entire sheet set or any combination of sheets.
- Transmittal and archive sets – Create an electronic package containing all of the drawings and reference files in the entire sheet set.
- Fields - Synchronize sheet data with title blocks, view labels, and callouts throughout the sheet set.

**9. Customizable and Flexible Tool Palettes.** Friendly Tool Palettes are easy to customize and can be docked, rolled up, or made partially transparent providing you easy access to frequently used tools and content without taking up your valuable screen space.

- Content - Access your standard content libraries for blocks, images, hatches, and external references helping you ensure consistency across drawings and projects.
- Commands – Launch AutoCAD commands as well as your favorite custom ARX and LISP utilities from a Tool Palette.
- Properties - Apply object properties without the need for programming.

**10. Productivity-focused Express Tools.** The AutoCAD Express Tools library is a library of over 100 productivity tools designed to help you shave time off your daily drafting tasks. They are easy to use and cover a wide range of AutoCAD functions, including layer management, dimensioning, drawing, object selection, object modification, and much more.

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# Top 10 Reasons to Upgrade from AutoCAD 2000i to AutoCAD 2008

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**1. AutoCAD 2008 software is just plain faster than AutoCAD 2000i.** Drawing files are about half the size in AutoCAD 2008, saving you time and disk space.

**2. Annotation Scaling.** AutoCAD now has automated scaling of text, dimension, blocks, hatches and linetypes

- Text height, hatch size is automatically calculated based on drawing scale
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**3. Robust boundary hatching.** Boundary hatch improvements enable you to create hatches with greater efficiency.

- Gradient fills - Create a solid hatch fill with blended-colors.
- Hatch boundaries - Hatch within boundaries that extend beyond the visible display area and add or remove boundaries from an existing hatch.
- Separate hatches - Create separate hatch objects within a single hatch operation.

**4. Efficient undo and multiple redo operations.** You no longer have to manually recreate your drawing after you mistakenly undo too far. In AutoCAD 2008, you can perform multiple redo operations and you can conveniently select multiple redo and undo operations from a history list.

**5. Improved dimensioning.** Dimensions are smarter and more flexible enabling you to increase productivity while reducing errors.

- Associative dimensions - Automatically update when you modify the associated geometry.
- Transpatial dimensions – Create dimensions in the layout that are associated with model geometry.
- Background Mask - Hide objects beneath dimension text for cleaner more readable drawings.
- QDIM - Quickly dimension multiple objects with a single selection.

**6. Conceptual Design and Visualization.** Combine your familiar AutoCAD with an updated conceptual design environment. AutoCAD helps you quickly create, edit, and navigate solids and surfaces. New and improved tools for lights, materials, and rendering make creating a photo-real image a breeze. Walk and path animation tools enable you to easily explore and present design alternatives.

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# Top 10 Reasons to Upgrade from AutoCAD 2002 to AutoCAD 2008

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- 1. AutoCAD 2008 software is just plain faster than AutoCAD 2002.** Drawing files are about half the size in AutoCAD 2008, saving you time and disk space.
- 2. Annotation Scaling.** AutoCAD now has automated scaling of text, dimension, blocks, hatches and linetypes
  - Text height, hatch size is automatically calculated based on drawing scale
  - Position and visibility of annotation is controlled based on drawing scale selected.
- 3. Robust boundary hatching.** Boundary hatch improvements enable you to create hatches with greater efficiency.
  - Trim - Trim an existing hatch to a new boundary without having to erase and recreate the hatch.
  - Separate hatches - Create separate hatch objects within a single hatch operation.
  - Hatch area – View the area of a hatch or the cumulative area of multiple hatches using the Properties Window and display the area value as Field text.
- 4. Dynamic attribute extraction tools.** Enhancements to the Attribute Extraction Wizard make it easier for you to utilize and maintain block data.
  - Data filters – Exclude blocks without attributes, exclude general block properties, and sort by the type of block properties when specifying the data to extract.
  - Table – Extract block data directly to an AutoCAD table and apply table styles.
- 5. Integrated design review process.** Streamline communication by sending your 2D and 3D designs out for review by team members who review your AutoCAD designs in Autodesk® Design Review software. All redlines, markups, and annotations they make can be overlaid in AutoCAD, through an integrated review process.
  - Markup Set Manager – import DWF-based markups made in Autodesk Design Review software. View complete list of changes. Toggle on/off redlines to see changes in context of the designs.
- 6. Conceptual Design and Visualization.** Combine your familiar AutoCAD with an updated conceptual design environment. AutoCAD helps you quickly create, edit, and navigate solids and surfaces. New and improved tools for lights, materials, and rendering make creating a photo-real image a breeze. Walk and path animation tools enable you to easily explore and present design alternatives.

## Top 10 Reasons to Upgrade from AutoCAD 2002 to AutoCAD 2008

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**3. Dynamic attribute extraction tools.** Enhancements to the Attribute Extraction Wizard make it easier for you to utilize and maintain block data.

- Data filters – Exclude blocks without attributes, exclude general block properties, and sort by the type of block properties when specifying the data to extract.
- Table – Extract block data directly to an AutoCAD table and apply table styles.

**4. Improved annotation.** Significant improvements to text and dimensions enable you to create and edit text and dimensions faster and with more flexibility.

- In-place Text Editing – See exactly what your text looks like in the drawing, while you edit.
- Lists – Create text lists with bullets and sequential numbers or letters.

**5. Integrated design review process.** Streamline communication by sending your 2D and 3D designs out for review by team members who review your AutoCAD designs in Autodesk® Design Review software. All redlines, markups, and annotations they make can be overlaid in AutoCAD, through an integrated review process.

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**8. Dynamic Input.** The Heads-up Design™ of Dynamic Input provides a simplified command interface near the cursor to help you maintain your focus on the design.

- Pointer Input – Enter command names, view the coordinate values of the crosshairs, and input coordinate values at the cursor location.
- Dimension Input – View and edit distance and angle values directly on the relevant geometry.

**9. Streamlined tables.** New table functionality enables you to create and modify tables using intuitive and flexible tools.

- Table styles - Pre-assign table properties such as font, colors, and grid lines. This feature streamlines table creation and improves consistency.
- Right-click menu options and the Properties window offer familiar and intuitive tools for adding rows and columns, merging cells, and modifying table properties.

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**5. Multiple leaders.** Creation and editing of multiple leaders is now easy with the new create and align commands. Multi-leaders styles make consistent use of leaders across projects a breeze.

- Allows definition of – multiple segments, leading or trailing position of text, and leader format.
- Automated alignment of notes and leaders as a group.

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**10. Photo-Realistic Rendering.** A new rendering engine allows you to quickly set-up and render your model. Show clients your final design vision with a few easy commands.

- Visually place and adjust lights to bring out the best in your design.
- Create the look you want with over 400 predefined materials.
- Quickly and easily create a rendered image with preset rendering styles

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