

Don't just save time.
Stockpile it.

AutoCAD[®]

2008



Autodesk[®]



A designer's dream.

Always innovative, the existing AutoCAD tools for conceptual design and visualization work with new toolset to deliver virtually instant productivity. See how quickly AutoCAD 2008 can improve your efficiency with a few tips and tricks from Lynn Allen, Autodesk Technical Evangelist.

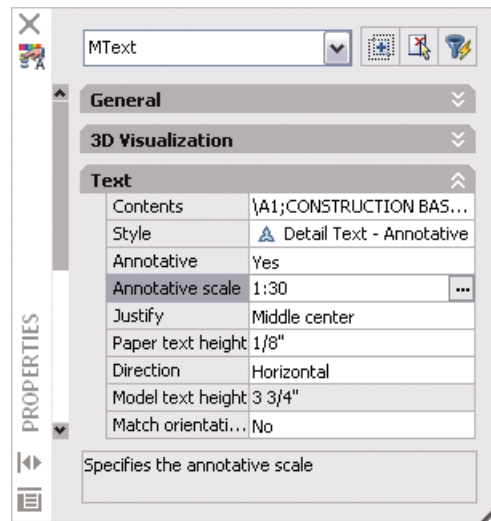
Make efficiency a daily part of the job with AutoCAD® 2008 software. The drafting, detailing, and conceptual design standard is leading the way once again. Meticulously refined with the designer in mind, AutoCAD 2008 propels day-to-day drafting forward with features that increase speed and accuracy while saving time.

Annotation scaling and layer properties per viewport eliminate workarounds, while text and table enhancements and multiple leaders help deliver an unmatched level of aesthetic precision and professionalism.

Annotation Scaling

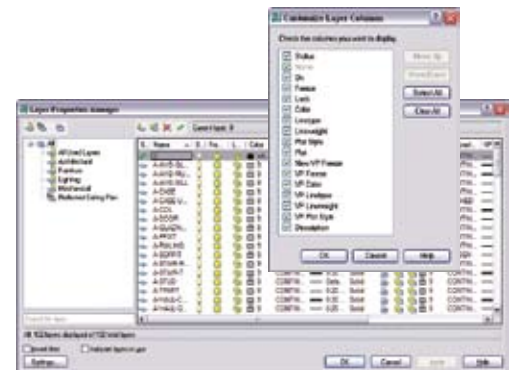
If you've found getting the proper scale factors per viewport to be frustrating and confusing, then you'll love the new annotative scaling. No longer will you need to create multiple sets of text and dimensions on multiple layers to get the desired results. The new annotative scaling allows you to create one set of annotative objects (such as text, dimensions, balloons, blocks, attributes, and hatches) that displays at the correct size regardless of the viewport scale factor.

After creating text and dimensions with the new "annotative" designation, simply assign each viewport a scale factor from a new control on the status bar. AutoCAD automatically sizes all of your annotative objects to be exactly the size you indicated when they were created. It's that simple. That means you can have the same dimension in multiple viewports that displays at the right size, regardless of varying viewport scale factors.



Layer Properties per Viewport

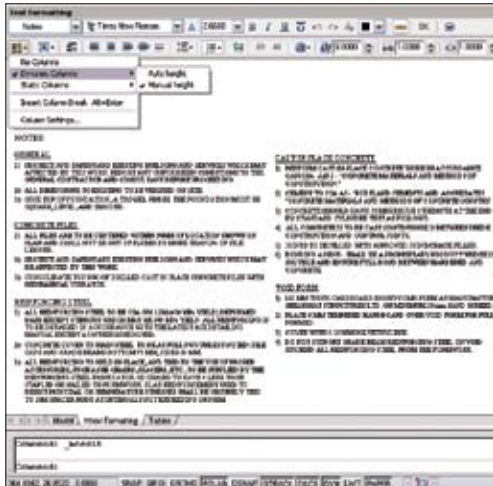
How many times have you wished you could assign layer properties per viewport? Wish granted. No more tedious duplicating geometry on separate layers and flipping the layers on and off per viewport. Now you can double-click in a viewport and assign a specific color, linetype, linewidth, and plotstyle per layer that affects only the current viewport. Afraid these new settings will add up to too many columns in your Layer dialog box? Don't be—because now you can choose to display just the columns you plan on using. You can even reorganize the columns with a simple drag-and-drop so the ones you use most frequently are displayed toward the left of the dialog box.



Text Enhancements

Life would be so much easier if text would automatically wrap across multiple columns in wide areas of your drawing. Now it does, with the new dynamic columns option in the MTEXT command. Use grips along with the text formatting ruler to get the exact results you're after. The updated MTEXT command also permits more control over paragraph alignment, indentations, and spacing. And you can customize the updated Spell Checker for optimal efficiency. And one more tip: now you can create multiline attributes.

You'll find these and other text-related tools in the updated, customizable dashboard along with many more of your favorite 2D drawing commands.



Multiple Leaders

The new MLEADER command permits more control over leaders than ever before. Not only can you control the order of leader creation (head first, tail first, or content first), but you can also add multiple leader lines where needed. Leaders not lining up properly? The new Multileader Align tool snaps leaders into place for you—you can even control the spacing between them.

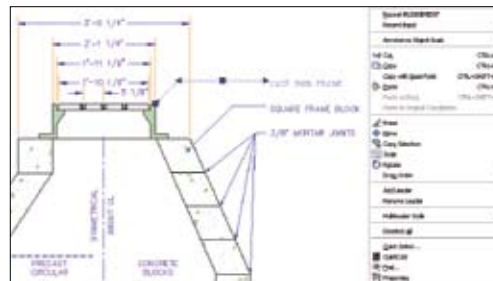
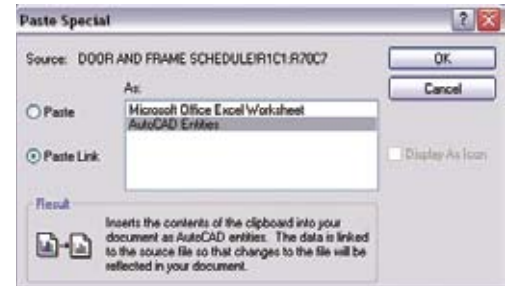


Table Enhancements

Wouldn't it be nice to bring a Microsoft® Excel® file into AutoCAD and truly link the file so when you change the Excel file, it updates in AutoCAD, and vice versa? A nice-to-have has turned into a must-have with the updated Paste Special command. Simply select Paste Link to insert the Excel spreadsheet into AutoCAD. If any changes occur in the XLS file, a bubble notification lets you know the data link has changed and provides an easy option to update the table. So now any changes you make to the AutoCAD table are retained—even if you update the table to reflect changes in the Excel file.



	A	B	C	D
1	ITEM	MANUFACTURER PART NO	DESCRIPTION	COST
2	1	ADSI	Out	\$ 294.00
3	2	ADSI	Copy	\$ 66.00
4	3	ADSI	Paste	\$ 294.00
5	4	ADSI	Recent Input	\$ 926.00
6	5	ADSI	Cell Style	RED HOLLOW SECTION \$ 324.00
7	6	ADSI	Alignment	RED HOLLOW SECTION \$ 304.00
8	7	ADSI	Borders...	RED HOLLOW SECTION \$ 45.00
9	8	ADSI	Locking	RED HOLLOW SECTION \$ 294.00
10	9	ADSI	Data Format...	
11	10	ADSI	Match Cell	
12	11	ADSI	Remove All Property Overrides	
13	12	ADSI	Data Links	
14	13	ADSI	Download Changes from Source File	\$ 796.00
15	14	ADSI	Update User Changes to Source File	\$ 54.00
16	15	ADSI	Edit Data Link "Excel Data Link 2"	\$ 76.00
17	16	ADSI	Open Data Link File...	
18	17	ADSI	Detach Data Link	
19	18	ADSI	Columns	
20	19	ADSI	Rows	
21	20	ADSI	Merge	
22	21	ADSI	Unmerge	
23	22	ADSI	Properties	\$ 23.00

It's what your ideas have been waiting for.

Key Features	AutoCAD 2005	AutoCAD 2006	AutoCAD 2007	AutoCAD 2008
DRAFTING				
Express Tools	○	○	○	○
Tool Palettes	○	○	○	●
Multiline Text (MTEXT)	○	○	○	●
Dimensioning	○	○	○	●
Data Extraction (Block Attributes and Objects)	○	○	○	●
Tables	○	○	○	●
Views/Viewports	○	○	○	●
Layer Isolate (LAYISO)	○	○	○	●
Layer States	○	○	○	●
Dynamic and Pointer Input		○	○	○
Dynamic Dimensioning		○	○	○
Annotation Scaling				●
Layer Properties per Viewport				●
Multiple Segment Leaders				●
Multiple Line MTEXT Attributes				●
2D Customizable Dashboard				●
CONCEPTUAL DESIGN				
Solids—Create/Edit		○	○	○
Helix			○	○
Sweeps and Lofts			○	○
Section Planes/Cuts			○	○
Flatten 3D Geometry into 2D			○	○
PRESENTATIONS				
Photo-Real Rendering	○	○	○	○
Lights (Photometric)	○	○	○	●
Materials	○	○	○	●
Entourage	○	○		○
PUBLISHING				
Layouts	○	○	○	○
Plot in the Background	○	○	○	○
Publish PDF			○	○
OPERATING SYSTEM SUPPORT				
Microsoft Windows® 2000 (SP4)	○	○	○	○
Windows XP Home Edition	○	○	○	○
Windows XP Professional (SP2)	○	○	○	○
Windows Vista™ Enterprise				●
Windows Vista Ultimate				●
Windows Vista Business				●
Windows Vista Home Premium and Home Basic				●
64-BIT SUPPORT				
Native AutoCAD 64-bit				●

○ Feature supported ● New feature ● Improved feature

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