



Autodesk® White Paper

CAD Product Comparison: AutoCAD® 2000, AutoCAD LT® 2000, AutoSketch® Release 6

Autodesk offers a range of products for designing, drafting and drawing. Customers who are considering AutoCAD LT software want to be sure they're choosing the right product for their needs and often want to know how AutoCAD LT compares with other Autodesk® products.

This white paper compares AutoCAD LT 2000 with two other Autodesk products: AutoCAD® 2000, and AutoSketch® Release 6. The Autodesk website, www.autodesk.com, provides more details on each of these products. Also available at the website is a white paper dedicated to a comparison of AutoCAD LT 2000 and AutoCAD 2000, and a white paper that describes the new features in AutoCAD LT 2000.

AutoCAD 2000 software is a collaborative and extensible 3D design and 2D drafting software product for mission-critical design tasks. It is a next-generation design software solution that delivers new levels of productivity, flexibility and connectivity for design professionals in all markets.

AutoCAD LT® 2000 software is a low-cost 2D professional drafting package with unique features that make it easy to learn, use and remember. It is ideal for professionals who, as part of the extended design team, need to be productive while sharing and working on AutoCAD® drawings.

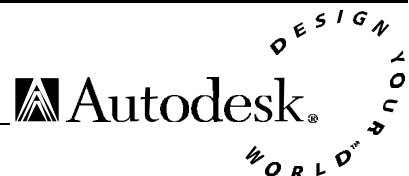
AutoSketch® Release 6 is a popular 2D precision drawing program that gives technical and nontechnical people alike, the power to create all kinds of drawings and sketches quickly and easily.



Comparison Table

The following table compares these three popular Autodesk design products:

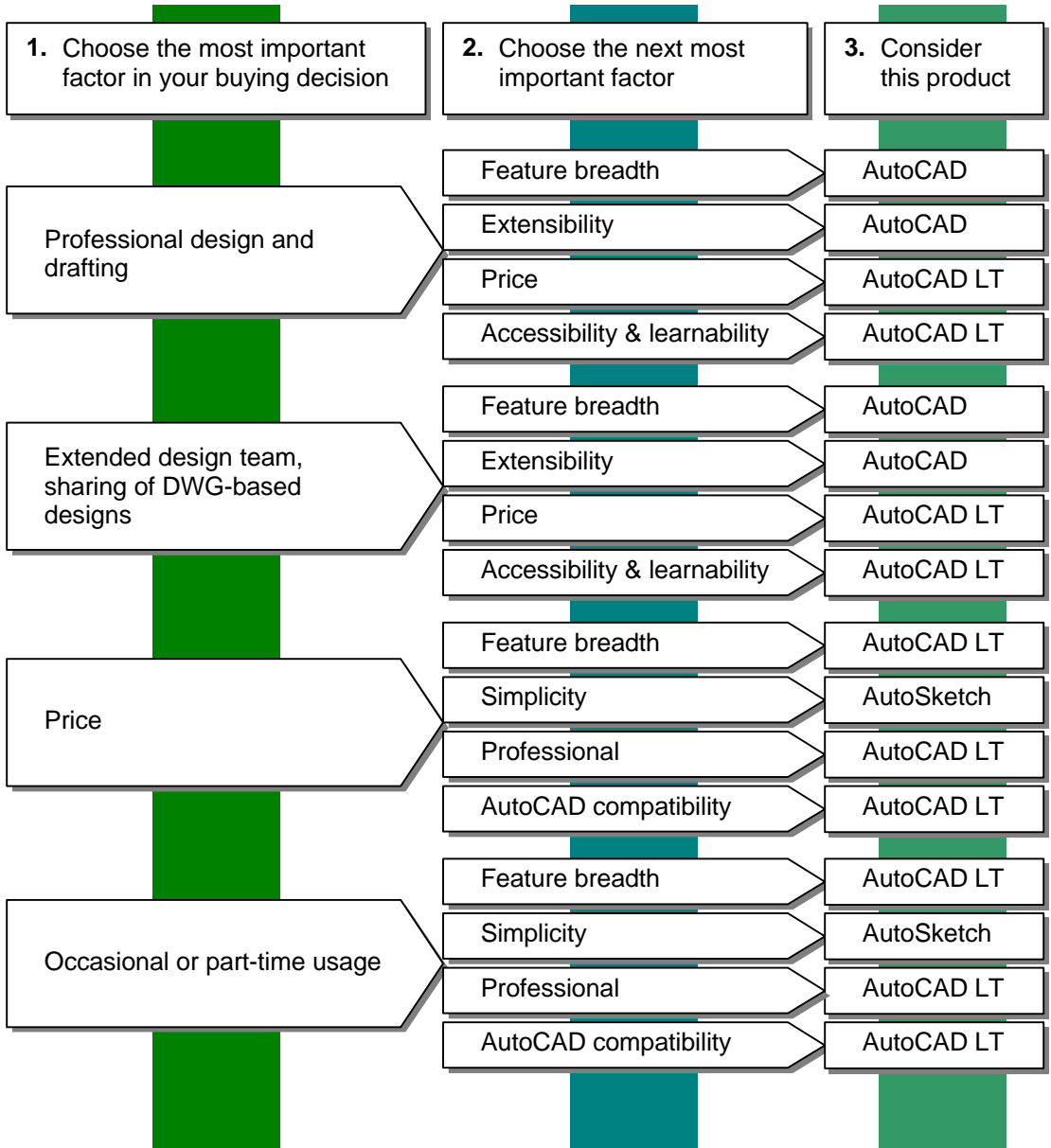
	AutoCAD 2000	AutoCAD LT 2000	AutoSketch 6.0
Description			
	Collaborative and fully extensible 3D design and 2D drafting software for mission critical work.	Professional 2D drafting tool for new and occasional CAD users. Extending the design team by editing, plotting, reviewing, and sharing of AutoCAD drawings.	New and occasional technical drawing, conceptual sketching, illustrating.
Differentiating features			
	Breadth and depth such as Solid modeling, programmability, database connectivity, raster attach and image control, AutoTracking, persistent shading, advanced features.	Visual and intuitive tools such as purge and array, multiple undo/redo, group manager, drag-and-drop hatch, award-winning Help system.	Simplicity: CAD edit toolbar, guidelines, simple user interface.
Suggested US price			
	\$3,750	\$559	\$99
Collaborative			
Database connectivity	Yes	No	No
Raster	Full	View	Limited
Hyperlinks	Yes	Yes	Yes
Web enabled	Yes	Yes	No
Electronic Plot (ePlot)	Yes	Yes	No
Drawing references	Yes	Yes (no clipping)	No
Extensibility			
C++ API	Yes (available as a free download)	No	No
Visual Basic for Applications (VBA)	Yes (free in the box)	No	No
Visual Lisp	Yes (free in the box)	No	No
Command scripts	Yes	Yes	No
Professional Design and Drafting			
3D			
Rendering	Yes	No	No
Solid modeling	Yes	View Only	No
3D viewing	Yes	Yes	Yes
Hidden line removal	Yes	Yes	Yes



	AutoCAD 2000	AutoCAD LT 2000	AutoSketch 6.0
2D			
2D drafting capability	Professional and advanced	Professional and easy to use	Great for occasional use
Heads-up drawing aids	Yes	Yes	Yes
Associative dimensioning	Yes	Yes	No
Printing and plotting			
Batch Plotting	Yes	No	No
Plotter control	Yes	Yes	No
Saved Plot Styles	Yes	Yes	No
Print/plot preview	Yes	Yes	Yes
AutoCAD Compatibility			
AutoCAD DWG/DXF™ engine	Yes	Yes	No
AutoCAD editing environment	Yes	Yes	No
Read and write DWG/DXF	Yes	Yes	Yes
Accessibility and Learnability for New-to-CAD and Extended Design Team Users			
Explorer tool	Yes	Yes	Yes
Multimedia learning tools	Yes	Yes	No
Right-click menus	Yes	Yes	Yes
IntelliMouse pan and zoom	Yes	Yes	Yes
On-line Help	Yes	Award winning HTML help	Yes
Multiple undo and redo	Multiple undo	Multiple undo and redo with history list	Multiple undo and redo with history list
Drag-and-drop hatching	No	Yes	No
Drag and Drop UI customization	No	Yes	No
Visual Purge	No	Yes	(not required)
Visual Group Manager	No	Yes	N/A
Visual Array tool	No	Yes	Yes (limited two 2 array types)
Flyout Help for Plotting	No	Yes	No

Selector Chart

If you are considering AutoCAD LT software but are not sure about the alternatives, look at the feature sets as described above and then use the following selector guide to check your decision. This chart will also help if you need to select multiple products, whether for a single user or for an entire extended design team.





Summary

AutoCAD 2000, AutoCAD LT 2000 and AutoSketch software appeal to different audiences, but they also include overlapping functionality. The information in this white paper, along with additional information at the Autodesk website, will help you make the right decision in selecting one or more of these products for yourself or your organization.

Autodesk, Inc.
111 McInnis Parkway
San Rafael, CA 94903
USA

Autodesk, the Autodesk logo, AutoCAD, AutoCAD LT, and AutoSketch are registered trademarks and DXF, Extending the Design Team, and the Design Your World logo are trademarks, of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders.

© Copyright 1999 Autodesk, Inc. All rights reserved.

