

Table 1. Budget CAD Software Features

COMPANY	COMPUTER SYSTEM ODESSA	GENERAL CADD PRODUCTS	IMSI	IMSI	IMSI	SOFTSOURCE
Product	ConceptDraw V Professional	General CADD Pro v2.1	DesignCAD 3D Max	TurboCAD Deluxe	TurboCAD Professional/Competitive Upgrade*	Vdraft v2.22
E-mail	support@conceptdraw.com	support@generalcadd.com	info@imsisoft.com	info@imsisoft.com	info@imsisoft.com	sales@softsource.com
Web site	www.conceptdraw.com	www.generalcadd.com	www.imsisoft.com	www.imsisoft.com	www.imsisoft.com	www.softsource.com
Estimated street price	\$349	\$499	\$79.95	\$99.95	\$595/\$295	\$250
Operating systems supported	Windows 98/2000/ME/XP; Mac OS X	Windows 95/98/98SE/ME/2000/XP	Windows 98/ME, 2000/NT/XP	Windows 98/ME/2000/NT/XP	Windows 98/ME/2000/NT/XP	Windows 98/ME/2000/NT/XP
Operating system reviewed	Windows 2000 Professional	Windows 2000 Pro Workstation	Windows 2000 Pro Workstation	Windows 2000 Pro Workstation	Windows 2000 Pro Workstation	Windows 2000 Workstation
Multiple drawings open simultaneously	Yes	No	Yes	Yes	Yes	Yes
Reference drawings supported	Yes	No	Externally referenced DCD symbols only	Yes (XRefs)	Yes (XRefs)	Yes
Web tools	Export to HTML, Flash; site mapper built-in script; conceptual Web site template	Built-in links for support and to report bugs.	Publish to Web (JPG, VRML)	Internet palette, publish to Web (JPG, VRML, DWF)	Internet palette, publish to Web (JPG, VRML, DWF)	Viewer plug-ins, ULR-xref
Intelligent objects	Yes	No	No	Yes	Yes	No
Work in 2D/3D	2D only	2D only	Yes	Yes	Yes	Yes
Work in 2D/3D simultaneously	No	No	Yes	Yes	Yes	Yes
Convert 2D to 3D/3D to 2D	No	No	Yes	Yes	Yes	No
Drafting tools	Yes	400+ 2D drafting tools	Yes	Yes	Yes	Yes
Metric option	Yes	Yes	No	Yes	Yes	Yes
Layers						
Maximum number of layers	Unlimited	1,024	1,000	Limited by memory	Limited by memory	Limited by memory
Alphanumeric layer names supported	Yes	Yes	Yes	Yes	Yes	Yes
User-configurable layer system	Yes	Yes	Yes	Yes	Yes	Yes
Master layer controls	Yes	Yes	Yes	Yes	Yes	Yes
Automatic dimensioning	Yes	No. Basic is associative. Semi-automatic with a custom macro	Yes	Yes	Yes	Yes
Symbols library						
AEC	No	No	Yes	Yes	Yes	Use any AutoCAD- or DXF-based library
Electrical/HVAC	Yes	No	Yes	Yes	Yes	Use any AutoCAD- or DXF-based library
Furniture	Yes	No	Yes	Yes	Yes	Use any AutoCAD- or DXF-based library
General business	Yes	No	Yes	Yes	Yes	Use any AutoCAD- or DXF-based library
Landscape	No	No	Yes	Yes	Yes	Use any AutoCAD- or DXF-based library
Manufacturing	Yes	No	Yes	Yes	Yes	Use any AutoCAD- or DXF-based library
Mechanical/plumbing	Yes	No	Yes	Yes	Yes	Use any AutoCAD- or DXF-based library
Site	Yes	No	No	No	No	Use any AutoCAD- or DXF-based library
Standard process	Yes	No	No	No	No	Use any AutoCAD- or DXF-based library
Vehicles	Yes	No	No	No	No	Use any AutoCAD- or DXF-based library
Plotting						
WYSIWYG preview	Yes	Yes	Yes	Yes	Yes	Yes
Color fills	No	Yes	Yes	Yes	Yes	Yes
Batch mode	No	Yes, via macro	Yes	No	No	No
Save configurations for multiple plotters	No	No	No	No	No	By drawing
Visualization/rendering						
OpenGL hardware acceleration supported	No	No	Yes	Yes	Yes	No
Perspective view	No	No	Yes	Yes	Yes	No
Texture mapping	No	No	Yes	Yes	Yes	No
Ray tracing	No	No	No	Yes	Yes	No
Transparency/reflectance	No	No	Transparency Only	Yes	Yes	No
Refraction	No	No	No	No	Yes	No
Antialiasing	Yes	No	No	Yes, in high-quality rendering	Yes, in high-quality rendering	No
Procedural rendering	No	No	No	No	No	No
Radiosity	No	No	No	No	Yes	No
Customization tools						
VBA support	Via ConceptDraw Basic	No, internal macro language	No	No	Yes	Yes
Access ActiveX object model interface	No	No, internal macro language	Yes	No	Yes	Yes
Other	Customizable interface	Internal macro language	BasicCAD for macros, VBA, Visual C++, custom toolboxes, menus, keystrokes	No	Yes, any object-oriented programming language	Yes
Tutorials						
Web-based/print version	Yes	Printable HTML manual	Yes	Yes	Yes	Yes
Multimedia	No	No	Yes	Yes	Yes	No

Client Review Only. All Rights Reserved. Advanstar Communications Inc. 2003

For Client Review Only. All Rights Reserved. Advanstar Communications Inc. 2003