

ILLUSTRATION SOFTWARE: SUMMARY OF FEATURES

Products listed in ascending price order

	Digital Research Artline \$595	Arts and Letters Graphics Editor \$695	CorelDRAW \$695
GENERAL			
Interface	GEM	Windows	Windows
Expanded memory support	y	n	n
Overflows to disk	y	n	y
Network support:			
Run from server	n	y	n
Share network printers	n	y	n
File locking	n	n	n
Mouse/Digitizing tablet	y/y	y/y	y/y
Math coprocessor	n	y	n
DRAWING AND EDITING TOOLS			
Drawing tools:			
Polygon/Polyline	y/y	y/y	y/y
Freehand curve	y	y	y
Rectangle	y	y	y
Rounded corners	y	y	y
User-controlled	y	n	y
Circle/Ellipse	y/y	y/n	y/y
Arc/Parabola	y/n	n/n	y/n
Curve-editing options:			
Move nodes/Insert or delete nodes	y/y	y/y	y/y
View control points/active tangents	y/y	y/y	y/y
Smooth curves automatically	y	y	y
Close curved paths automatically	y	y	y
Object manipulation tools:			
Align to baseline/to page	y/y	y/y	y/y
Snap to grid/to baseline	y/y	y/n	y/y
Break or combine at node/ at cursor	y/n	y/y	y/n
Duplicate/Mirror	y/y	y/n	y/y
Flip horizontally/vertically	y/y	y/y	y/y
Rotate interactively	y	y	y
Skew or shear	y	y	y
Copy object attributes	n	y	y
Convert to polygons/to curves	y/y	y/y	y/y
Clip to shape	y	y	y
Interpolation (tweening)	y	y	y
Special effects:			
Stretch/Envelope	y/n	y/y	y/y

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Warp/Extrude	y/y	y/n	y/y	
Perspective toward cursor/ toward vanishing point	n/n	y/y	n/y	
Apply effects to objects/to editable text	y/y	y/y	y/y	
WORKSPACE MANAGEMENT				
Edit multiple documents	y	n	n	
Work in wireframe/in full color	y/y	y/y	y/n	
Lock/hide objects	y/y	y/y	y/n	
Measure in inches/centimeters/ points	n/n/n	n/n/n	n/n/n	
Show ruler/grid	y/y	y/y	y/y	
Measuring tool	y	n	n	
Variable zoom/pan	y/y	y/y	n/n	
Maximum pages per document	Unlimited		180	1
Place elements outside of page	y	n	y	
Maximum layers	Unlimited		1	1
Print list of elements	n	y	n	
Customizable toolbox	y	n	n	
Keystroke macros/Script language	y/y	n/n	n/n	
TYPE HANDLING				
Text editing on-screen	n	y	n	
Border on text box	y	n	n	
Convert text to curves	y	y	y	
Wrap text around curved path	y	y	y	
Align text on baseline	n	y	y	
Indent text	y	n	n	
Justify text	n	y	y	
Fit text to box/Fit box to text	y/y	y/y	n/n	
Control leading in points	y	y	n	
Specify tracking for block	n	y	n	
Specify kerning for kern pair	y	y	y	
Font support:				
Number of typefaces supplied		45	61	75
Minimum-maximum type size (points)	2-500	2-2,000	0.7-1,440	
Third-party soft fonts:				
Adobe Type 1	y	y	y	
Bitstream (Fontware/Speedo)	y/n	y/y	y/n	
Nimbus-Q	y	y	n	
Agfa	n	y	y	
Printer-based fonts	n	y	y	
HP cartridge/HP soft fonts	n/n	y/y	n/n	
PostScript fonts	y	y	y	
Download symbols as fonts	n	n	y	
LINES, PATTERNS, AND FILLS				
Lines:				

Sheet1

Line styles provided		9	6	16
Line end styles provided		4	6	90
User-definable	n	n	y	
Arrowheads	y	n	y	
Patterns:				
Predefined patterns provided	None		250	49
Edit and store new patterns	y	n	y	
Gradient fills:				
Horizontal/vertical	y/y	y/y	y/y	
Angled/radial	y/y	y/y	y/y	
Dimensioning	y	n	n	
COLOR HANDLING				
Palettes:				
Select colors by name/ from palette	y/y	y/y	y/y	
Preselected color palettes		14	19	5
User-defined palettes	y	y	y	
Maximum colors:				
In total palette	1 billion	16.7 million	16.7 million	
On-screen (undithered)		16 16.7 million	16.7 million	
Color models:				
RGB (red-green-blue)	y	y	y	
HSL (hue-saturation-lightness)	y	y	y	
CMYK (cyan-magenta- yellow-black)	y	y	y	
Pantone Matching System	y	n	y	
Internal color storage	RGB	RGB or CYMK	CYMK	
Separations (process color/ spot color)	y/y	y/y	y/y	
FILE IMPORT AND EXPORT				
Vector formats (read/write):				
CGM (Computer Graphics Metafile)	y/y	n/y	y/y	
.DXF (AutoCAD)	y/n	n/n	y/y	
.GEM (GEM vector)	y/y	n/n	y/y	
HPGL	n/y	n/y	y/y	
HPGL/2	n/y	n/n	n/n	
.PIC (Lotus 1-2-3)	y/y	y/n	y/n	
Pict (Macintosh)	n/n	n/n	y/y	
SCODL (Agfa Matrix)	n/y	n/y	n/y	
.WMF (Windows Metafile)	y/y	y/y	n/y	
.WPG (WordPerfect Graphics)	n/n	n/n	n/y	
PostScript support:				
EPS output	y	y	y	
With TIFF header	y	y	y	
With .WMF header	n	y	n	
.AI (editable EPS)	y/y	y/y	y/y	
import/export				
Clip-art images included		190	5000	750

Sheet1

Paper catalog/Cataloging software	y/n	y/n	y/y	
Bitmapped formats (read/write):				
.GIF	n/n	y/y	n/n	
.PCX	y/y	y/y	y/y	
TIFF	y/y	y/y	y/y	
RGB (24-bit color)	y/y	y/n	y/n	
Indexed	y/y	y/y	y/n	
.TGA (Targa)	n/n	y/y	n/n	
Import bitmaps into image	n	n	y	
Import bitmaps for tracing	y	y	y	
Levels of tracing accuracy		100 Variable		10
Trace color bitmaps	y	n	y	
Export options:				
User-selectable output size/resolution	y/y	n/y	n/y	
Export selected objects only	y	y	y	
OUTPUT OPTIONS				
Print multiple images per page	y	y	y	
Background printing	n	y	y	
Draft-mode (low-resolution) setting	n	y	y	
Vector clipping on plotted output	y	n	n	
Custom slide service link	MAGICorp	None	None	
Screen shows	y	y	n	
DOCUMENTATION AND SERVICE				
Tutorial manual/videotape	y/n	y/n	y/y	
Sample files included with package	y	y	y	
On-line help	n	y	n	
Toll-free tech support	y	n	n	

y = yes n = no

Designer
\$695

Windows
y
y

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56

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64

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42

2-unlimited

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3

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y

y

MAGICorp,
SlideMasters

y

y/y

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y

n