

MasonART Version 6 Feature list		MasonART Designer	MasonART
Feature:	Description:		
Draw			
Drawing	Drawing lines, beziers curves, circles, ellipses, wedges, arcs, rectangles, stars, polygons, borders, arrows, freehand and spiral.		
Decorative borders	Easy and powerful feature to create fancy decorative borders which are prepared to cut and print. More than 35 border fonts are included to make any combination of styles, corners and sizes.		
Automatic dimension lines	Each dimension line can have its own specific setting and choice of units. Units and angles change when resizing or rotating. Dimension line has the possibility to scale text when sizing.		
Eraser	Eraser tool suitable for editing bitmap and vector shapes. Features round and square brushes and adjustable diameter.		
Vector brush	Vector brush drawing tool with several different brush shapes.		
Effects			
Expand Penstyle	Expand Penstyle to outlines.		
Outline	Instantly adjustable and interchangeable outline and inline functions. Like: single, multiple, square and circle. Select different line shapes.		
Rubberband	An outline placed around one or more objects as a rubber band.		
Welding	Fast and accurate weld, cut-out, common and cutout mask of multiple objects. Suitable for vector shapes as well as bitmaps.		
Shadows	A total amount of 20 shadow shapes, consisting of: 3D Perspective shadow, Block shadow, Cast shadow and Drop shadow. Adjust length, direction, angle and overlap of shadow extrusion, ready to cut, always possible to manipulate.		
Special Effects	Many different special effects including: 3D and flat Perspective, Globe, Random, Cubic, Flag, Wave, Fish, Wings, Book, etc. All effects can be applied to other effects to create your own special effect. Customize settings and preview. These effects are applicable to both bitmaps and vector shapes.		
Round off	Round off the corners of all vector shapes including text. The Round off function behaves like an effect, so everything can be altered anytime.		
Arc fit	Arc fit for objects and text. Unique way to even let script fonts align perfectly on an arc.		
Optimize shape	Reduce the number of nodes with just one click without deforming the original object.		
Masking	Mask vector and bitmap objects.		
Envelope effect	Mold every vector object(s) in almost any shape you can imagine.		
Text			
Text editor	Double click to edit text. Easy-to-use text editor including text height, bold, italic, save and restore default settings.		
Font selection	Universal font selection box. Use of True Type, Type 1 & Proprietary (.SFN) fonts.		
Font sorting	Sorts the font selection box on any combination of TrueType, Type1 and SFN fonts. The texttool shows the 5 most recent used fonts.		
Text spacing	Adjustable word and character spacing.		
Text control	Toggle case, capitals only, small capitals, superscript, subscript, character widening, slant and rotate characters.		
Text alignment	Align text left, center or right. Three alignment types are added: Force alignment, full alignment by word only, force alignment by word only.		
Tabs	Adjustable tabs (left, right, centered and decimal tabs), first line and paragraph control.		

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Insert symbols	You no longer need to memorize ALT-codes, use a dialog or predefined commands to insert symbols like ©, ®, TM, € etc.		
Hotel text	Sets the text direction to vertical.		
Spelling checker	Checks plain text and even text in effects. Comes with 17 extensive spelling libraries which you can extend with your own library. You can use dictionaries from other applications, including MS Word™ and MS Office™. Has auto change, auto correct, double word detection, intelligent suggestions for misspelled words, etc.		
Drag characters	Drag characters along or out of path. Any part of a text can be set at once.		
Kerning	Interactive kerning and line spacing.		
Text on path	Type text along a path; this means along any vector object. Aligning text on path and path direction control.		
Tabs on path	The familiar tabs are also available on path.		
Split text	Split text into lines, words or characters with one command. The text will not be converted to curves but remains editable text.		
Auto kerning	Applies an optimal kerning to a selected text.		
Save kerning	An all WYSIWYG interface to make your own kerning pairs directly on screen and save them in a kerning table.		
Edit			
Cut, Copy, Paste	Paste on top of original.		
Paste center screen	Paste on center of visual screen instead of on top of original.		
Copy Special	Makes it possible to copy the selection as a bitmap to the clipboard or maintain a master-clone relation.		
Copy and paste color	Copy and paste fill and line color.		
Transform	Scale, skew, mirror, position, rotate (vector & bitmap).		
Duplicate	Features duplicate and duplicate on top.		
Quick scaling	Define and apply standard sizes for T-shirts, mugs, caps etc. The right size of your design is just one click away.		
Group	Group and ungroup.		
Multiple ungroup	Ungrouping multiple groups in groups without changing selection mode. It's even possible to ungroup all levels with a single click.		
Order	The stacking order of objects can be changed. You can even place an object in front of or behind a specific object or invert the order of the selection.		
Combine	Combine and break apart.		
Multiply	Multiple copying of any object in a rectangular, circular or spiral shape. Multiply now retains original relations (like groups) and has a new option called Area.		
Change to object	Automatically converts any object to square, ellipse, star, polygon, arrow and spiral.		
Transformation assistant	This powerful tool increases productivity by placing all transformation tools at the place you prefer.		
Limited vector editing tools	Drag tool: Add / remove nodes, to line, to curve, open and close shapes, create sharp, smooth and symmetrical nodes.		
Advanced vector editing tools	Extended drag tool: Aligning: horizontal, vertical, on a straight line and under 90°. Replace by line or curve. Create arcs, smoothen corners, smoothen shapes, measure and apply lengths and angles. Settings: join nodes centered, based on last selected node or with lines. Round corners with drag tool now supports also curves.		

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Interactive Step & Repeat	It allows you to define repetitions of object(s) in two different ways. You can define the number of repetitions, or you define what area should be filled with the repetitions. Additional parameters such as separate vertical and horizontal margins, start and end rotations, etc, allow you to build the step and repeat exactly up to your needs.		
Distribute	Space objects evenly. Complete control over distance and placement. Controlling the distance by left, center, right and choosing between objects. Special align methods for text objects.		
Clear transformations	Restores default object properties.		
Alignment	With last selected object as placeholder for accurate alignments. For text you can choose between the origine or the vectorshape.		
Place objects on path	Place any number of objects on a single path. Objects can be rotated along the path.		
Smart break apart	Break combined objects into their closest original shapes. This prevents undesired coloring of holes in shapes.		
Object manager	Any step in the design process is very easy adjustable without having to break up the original design. No matter how complex your design is, you keep full overview and control over the total design process.		
Object Manager	Now you can drop objects at any level in the Object Manager and see exactly where the object is going to be placed in the object tree. The result of a select by color or object operation, now can even select multiple objects within the same effect.		
Control+Click	Direct editing or updating of objects in any effect, combination or group. E.g. to edit welded text in a shadow can be done in seconds. No need to enter a separate editor, full control and total freedom of design is just a Control+Click away.		
Color			
Color mixer	RGB, CMYK, HSB, Gray level, Spot Color, CMYKOrGr, CMYKRB, CMYKLiCLiM support with Color Mixer.		
Color library	Direct color control and share libraries across a network.		
Registration color	Special color that is visible on any color separation.		
Line color	Line Attributes color.		
Generate colortable	Generates a colortable that contains all colors used in the current worksheet.		
Show RGB as CMYK	A setting by which colors on screen are shown similar to printer colors.		
Basic Color Management	Use ICC profiles for color management; ICC color policy can be set for CMYK bitmap, RGB Bitmap, CMYK vectors, RGB vectors and monitor separately.		
Extended color management	Makes it possible to apply conversion to RGB, CMYK or color management when exporting, printing and printing to the Print server.		
Line thickness	Line Attributes thickness.		
Bitmap			
Bitmap compression in worksheets	Turning on the setting 'Bitmaps compression in worksheets' (no loss of quality) often cuts the disk size of a worksheet with bitmaps by 50% or more.		
Bitmap cropping	Simple masking method for bitmaps with drag tool.		
1 bpp bitmaps	1 bpp (bit per pixel) bitmaps are displayed transparently. If desired, colors can be applied.		

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Vectorisation B/W	Interactive B/W Contourline and Centerline vectorisation. Features Text-control, selected area, multiple adjustable vectorisation presets. Object oriented feature.		
Simple bitmap color editing	Simple bitmap color editing (brightness, contrast, gamma, saturation, RGB levels).		
Bitmap pattern fills	Seamlessly tiling of special bitmap fills.		
Bitmap linking	To prevent large worksheets and updating worksheets easily: link, update link, unlink, re-link.		
Modus change	Change the color space of a bitmap. Switch color spaces between RGB, CMYK, Black and White (1-bit), Grayscale (8-bit) and Indexed (8-bit).		
Interface			
Platform	Suitable for Windows™ XP, Vista and Windows 7 (32&64-bit).		
Installation	Easy to install CD & installation manual and wizard in different languages.		
Licensing system	Renewed and easier licensing system.		
Localization	Available in the languages: English, French, German, Spanish, Portuguese, Dutch, Italian, Polish and Czech.		
Archive	Archive is a worksheet & customer database. Displays previews of fileformats like: Tif, Bmp, Png etc. Easy to handle customer, file and disk management with direct import, drag & drop, back-up advice, search capabilities and recent customer list in the "File" menu. Drag&drop support for subfolders.		
Archive as	Shows the names of the worksheets which are already archived with the selected customer.		
Previews in "My Computer"	In Explorer (My Computer) (32&64-bit) a preview of our worksheets is shown.		
Previews when opening or importing	In the previews the mask used for transparency is distinctly shown.		
Right Mouse Button Support	Every part of the worksheet and every object has its own adjustable properties.		
Tool Tips	Displaying the property of a button or field. I.e. color library preview with full color name listed.		
Quick Keys	Conform industry-standard. Also customizable for defining custom shortcuts.		
MDI	Multiple worksheets on screen. Working on several worksheets simultaneously.		
Advanced Properties	For worksheets, objects and bitmaps. All manipulations through mouse and dialogues.		
Favorites	Maps can be added to a favorite list so it's easy to return to them again. This option is available for opening, saving, importing and exporting.		
Worksheet information	Worksheet information including: general, user, printing and plotting information, design and production time, specified worksheet edit time.		
Grid, magnetic points (snap)	Set spacing and properties of the grid for more exact drawing.		
Guidelines	Rotating, positioning, moving and duplicating direct on screen or with numerical input.		
Units	Units (millimeters, centimeters, inches and points) can be set by using the settings menu or shortcut keys while working. Work simultaneously with different units in one worksheet.		
Display quality	By using the Anti-aliased display mode, even small text is well readable and rotated lines are smooth. Multiple screen levels from Wire Frame to Solid.		
Zoom 1:1	Zoom 1:1 shows artwork in real size on screen.		

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Undo	Multi step undo and redo.		
Delete Undo/Redo	Deletes all undo and redo steps. This increases the speed while working on very large bitmap images.		
Status bar	Extended display of object properties and such as type of object and color name.		
Drag&drop	Drag&drop support for worksheets, customers and colors.		
Repeat last	Repeats the last action for fast designing.		
Layers	Multi layer support for handling complex designs. Change layer order and set layer attributes (visible, locked, printable and plotable).		
Invert selection	Inverts the current selection. Very useful if not all but one object should be processed.		
Lock objects	Lock/release objects to prevent them from accidentally being moved or edited.		
Speed and stability	Overall speed and stability improvements.		
Interface	Many dialogs in version 5 are restyled to give even quicker access to all the available features.		
Context menu	Right mouse button is also available in text mode.		
Select objects from top	Identical objects on top of each other are cut more than once. This feature selects all under laying duplicates so these can be deleted easily.		
Measure tool	Measure and adjust/rotate every object, works with every start and end selection (not dependable on magnetic properties).		
Select by color	Select multiple colors at once.		
Select by object	Select multiple types of objects at once.		
Similar select	Finds all other objects with similar fill style, line color and properties of the selected object.		
Select by size	Select objects by size. Has normal mode for quick select or advanced mode for specifying minimum and maximum size for all dimensions.		
Open object management	To select open objects and closing all open paths.		
Advanced bitmap display	For clear overview and ease-of-use there are 4 different ways of viewing bitmaps in wire frame mode.		
Advanced drag&drop	Full drag and drop support for layers, objects and/or effects.		
Import/export			
Import/Export, native format	Import MasonART (.MA & .ESW) and export MasonART (.MA).		
Import vector	Import vector files (AI, EPS, HPGL, DXF, PLT and TXT). Imports AI-files up to version 8 AI. Including bitmaps and gradient fills.		
Vector paths from Photoshop™ PSD files	When importing PSD files the enclosed path can be imported too and grouped with the bitmap. These paths can e.g. be used as mask or as cutting line.		
Adobe Illustrator™ import	The best AI import filter even got better. Many enhancements are made in version 5 conforming the wishes of our current customers.		
DXF import	Many enhancements are made in version 5 for extended support of DXF files from CAD applications.		
Export vector	Export vector files (AI, EPS, DXF, HPGL, SVG).		
PDF export	Bitmap compression (JPG) and gradient fill settings are available. Autmatically run Adobe™ Acrobat for checking.		
Save selections	Export a selection from a worksheet to a new worksheet.		
Sign Blanc	Sign Blanc object property added.		

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Import bitmap	Import Bitmap files (BMP, JPG, CMYK JPG, CAL, GEM, MAC, MSP, PCD, PCT, PCX, PNG, PSD, RAS, TGA, WPG, WMF, TIF and CMYK TIF). Also existing alphachannels can be imported.		
Scanning	Direct B/W & color scanning by using TWAIN or WIA select and acquire.		
Scan Wizard	Step by step towards the best possible result.		
Export Bitmaps	Export Bitmap files (BMP, JPG, CAL, GEM, MAC, MSP, PCT, PCX, PNG, PSD, RAS, TGA, WPG, WMF, TIF).		
Email worksheets	An email is created with text and a bitmap of the worksheet. Adding the worksheet as attachment of the email is possible. Mailing is a. o. done using Outlook express. E-mail system now supports Outlook™ 2003 2007.		
Copy special	Copying a worksheet as a bitmap so it can be pasted in a textdocument.		
Production			
Windows printing	Windows printing and tiling/paneling for unlimited print size.		
Page size detection	Auto material size detection. Works for all printers and plotters that support bi-directional communication. Supports also a query from windows printer page size.		
Registration and crop marks	Edit registration and crop marks per object or all at once, insert around objects or pages, adjust size and shape.		
TCP/IP	Using TCP/IP communication for compatibility and high speed data transfer.		
Production Manager	New spooler for printing, plotting and/or engraving. Offers full control over driving multiple machines simultaneously, pause, erase, job order, save and replay files in the Production Manager. Insert and activate jobs. Temp file possible on multiple hard disks, auto start and auto close.		
Cut/Plot	Supports all commonly available cutting plotters. Cuts by color, selection or panel. Features background plotting and network support for plotting.		
Device specific tool lines	Create device specific tool lines and define the cutting order of the tools.		
Driver quality	High plot quality through advanced drivers. Plot vector sorting for maximum speed or minimal material movement. Optimization for pinfeed, inside first, swivel knife and edge extension.		
Driver options	Control of: curve quality, cut weed borders, relative plotting, starting point behind the plot, extra copies, multiple pass cutting, cut off sheet after plotting.		
Driver settings	Control of plotter settings: speeds, acceleration, pressure, knife offset, and pen numbers.		
Default plot settings	Use and create reusable profile settings for different materials and plotters.		
Pagination	Divide with adjustable overlap. Direct on screen preparation for output on devices with small material output.		
EasyWEED	Intelligent weed borders reduce the weeding time.		
Extra			
Vinyl libraries	Vinyl libraries of major manufacturers.		
Seamlessly bitmap tile fills	290 bitmaps for tiling, divided in 29 categories for designing and large format printing.		
Clip Art	Over 250 plotter-ready MasonART clip art images.		
MasonART fonts	100 MasonART fonts.		

Grey means that the feature is included.
The feature is NEW in version 6.
The feature is IMPROVED in version 6.

