

News History 1998 - 2024

BasePac

Embroidery Software for Professional Digitizing



GiS NEWS

BasePac 10



Embroidery Software Partners

Dear friends of BasePac,

In this GiS News, we would like to inform you about the new features of BasePac 10.

We hope you enjoy reading and trying out the new features.

Your GiS-Team

Data management: now Windows like

Background:

Until now the design management in BasePac was done as special design database based on short filenames.

The design had been sorted in folders per drive. Each design had been stored in multiple files.

This means for the user, that the design data could be copied or moved only using the possibilities available in BasePac.

The embroidery database was a long-cherished relict, partly coming from DOS ages. In that former time, it was pioneering to have a graphical design selection with pictograms, and to get away from the boring 8 digit file names, this database was more and more a hindrance for extensions.

Today we can trust in the windows conformity of the file management.

Therefore, also functions are implemented to Windows explorer which make it possible additional information like graphical thumbs and comments are shown directly in Explorer and so use the whole functionality of the windows desktop.

The organization of designs is no more strictly categorized, every user can freely use its specific structure.

Designs are directly opened and stored, also the conversion of embroidery designs to and from the different embroidery data formats is now transparently done.

Today the manufacturer specific non windows compatible disk formats do not matter anymore, actual windows installations are not able to access such disks, so we decided to skip the support for such formats.

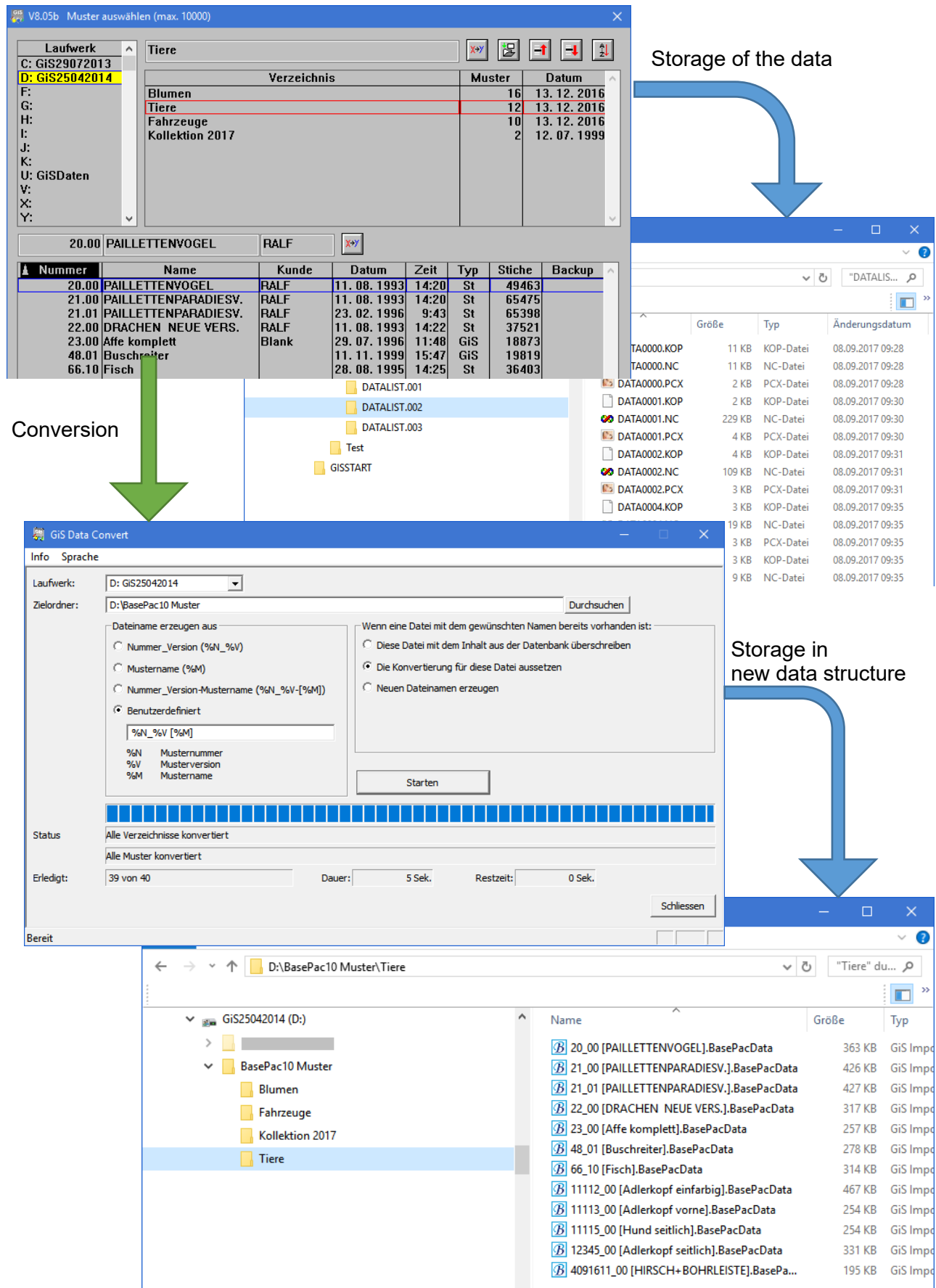
Conversion of design data:

Of course, an automatic conversion program to convert the database of existing customers to the new data administration is included in the package. Using this the designs in the old database are kept.

The conversion is done for each drive separately and converts automatically all designs of a database.

To do so, all directories of the existing database are added as windows folders where the directory name is used as folder name. The designs are stored as files in these folders, where the user can select if and how Design number and Design name are used as file names.

Existing database



Options: simplified and optimized

The diversified options in BasePac had been reduced and attractive packages for every user are created.

BasePac10 is available in 4 expansion stages:

BasePac "Base"

Base program with complete lettering function, editing of existing designs and printing of designs and catalogs.

BasePac "Premium"

In addition to the functions of **BasePac "Base"** the punching software with automatic design creation "ACE Automatic Computed Embroidery" is included.

BasePac "Professional"

Based on the **BasePac "Premium"** functions, additional punching possibilities with high quality special effects like curved fill and automatic sequin embroidery are added. Also the automated export to non ZSK embroidery machines is integrated.

BasePac "Technology"

Using this, the **BasePac "Professional"** version is extended with functions for technical embroidery as well as functions to create and edit Schiffli designs.

Design info: Central point for information about the design

The new design info page shows lots of information about the design, color settings, settings for machine types or setup of parameters for special machines are possible.

Design information

Design description

Design number: .

Name:

Description:

Order:

Customer:

Customer number:

Created by:

Changed by:

Price:

Base material:

Search phrase:

Comments:

Size:

starting point:

ending point:

Statistics

SF Histogram

Statistics

Needle colours

Needle	Color
N 1	Orange
N 2	Light Blue
N 3	Light Blue
N 4	Light Blue
N 5	Yellow
N 6	Black
N 7	Black
N 8	Black
N 9	Black
N 10	Black
N 11	Black
N 12	Black
N 13	Black
N 14	Black
N 15	Black
N 16	Black
N 17	Black
N 18	Black
N 19	Black
N 20	Black
N 21	Black

Design type

☒ Multihead ☐ Shiffi

Machine data

Machine type:

Head distance: mm

Nr. of heads:

Traveling distance: mm

Start conditions

Startneedle:

Head type:

☐ Setup W-Head Parameter

☐ Set K-Head Parameter

Additional functions

☐ rpm ☐ Head selection

☐ Borer ☐ Sequin

☐ Reduced Speed

☐ Roll to roll device ☐ Wire guard

Background

Sequins

left right

top bottom

Collection:




OK Cancel

☐ call automatically at new design

Especially if different machine heads are used with special settings, it is now possible to set these during creation of the design and transfer them via ZSK Transport code to the machine.


W-Head Parameter

Stitch type zigzag

 % Presser foot height  ° Start angle 

☐ Rapid application



<input type="text" value="160"/> % Stroke 1 (Zigzag)	<input type="text" value="160"/> % Stroke 2 (Zigzag)
<input type="text" value="20"/> % Stroke 1 (Pantograph)	<input type="text" value="20"/> % Stroke 2 (Pantograph)


 ZigZag design

☐ Z axis contrary turn ° Z axis angle

° Z axis contrary turn Parameter

Stitch type Coil



 % Presser foot height 

 ° Offset angle



titches : winding

Coiling direction

Stitch type Cord



 % Presser foot height 

Stitch type stitching


 % Presser foot height 

Parameter K-Head stitch type chain stitch

Stitch type Chain

 % Needle height (Loop) 

% Needle height (Position in-between)

 % Presser foot height

% Presser foot distance (interim position)

Downward movement

ms Layer start

ms Presser foot start

Embroidery mode



Upward movement

ms Needle start


ms Presser foot start

ms Pantograph start

Stitch type Loop

 % Needle height (Loop) 

% Needle height (Position in-between)

 % Presser foot height

% Presser foot distance (interim position)

Downward movement

ms Layer start

ms Presser foot start

Embroidery mode

Upward movement

ms Needle start

ms Presser foot start

ms Pantograph start

Lettering: important details improved

The connection lines to additional contours like I dots or dots on "Umlaut" are now selectable to be never cutted to optimize embroidery run.

In the template function the embroidery parameters for condensed font can be set up separately to optimize stitching of condensed fonts.

Punching: improvements at all places

Contours like holes, islands and additional contours are now not only possible to be duplicated, they also can be mirrored or rotated in 90° steps.

At segmented input an additional calculation routine is implemented which allows center line underlay and free start and end point.

ACE: upgraded

Now in Line ACE function, which is using vector graphics in automated embroidery, automatically loops in contours are removed and replaced by extra contours. With this the feasibility quote was improved.

Stitch calculation: further optimization

At structured fill it is now possible to stop filling earlier to avoid overfilling. This helps also at TrueType fonts to improve the typeface.

Overlap between contour parts is optimized.

Editor: Needle / Stop assignment

In the assignment list now also, a repetition is possible to make needle repetitions faster.

At stretch and rotate dialog, the change ins size can be set to be proportional.

More news in a few words:

Maximum needle count:

Now in BasePac designs might include up to 999 different needles. This is a unique advantage especially at high quality large format designs, because such designs which are often embroidered with very much different threads to get realistic colors like photos or paintings are now also possible to be shown in real colors in the punching software.

Output to ZSK Machines:

At output to ZSK machines, in Monogram mode (Ring buffer) or direct storage to ZSK Memory the restriction to 15 needles is gone and now designs can be loaded fitting to the machines with more than 15 needles per head.

GiS NEWS



Embroidery Software Partners

BasePac 8

Dear friends of Gis BasePac,

In this GiS News, we would like to inform you about the new features of BasePac 8.

We hope you enjoy reading and trying out the new features.

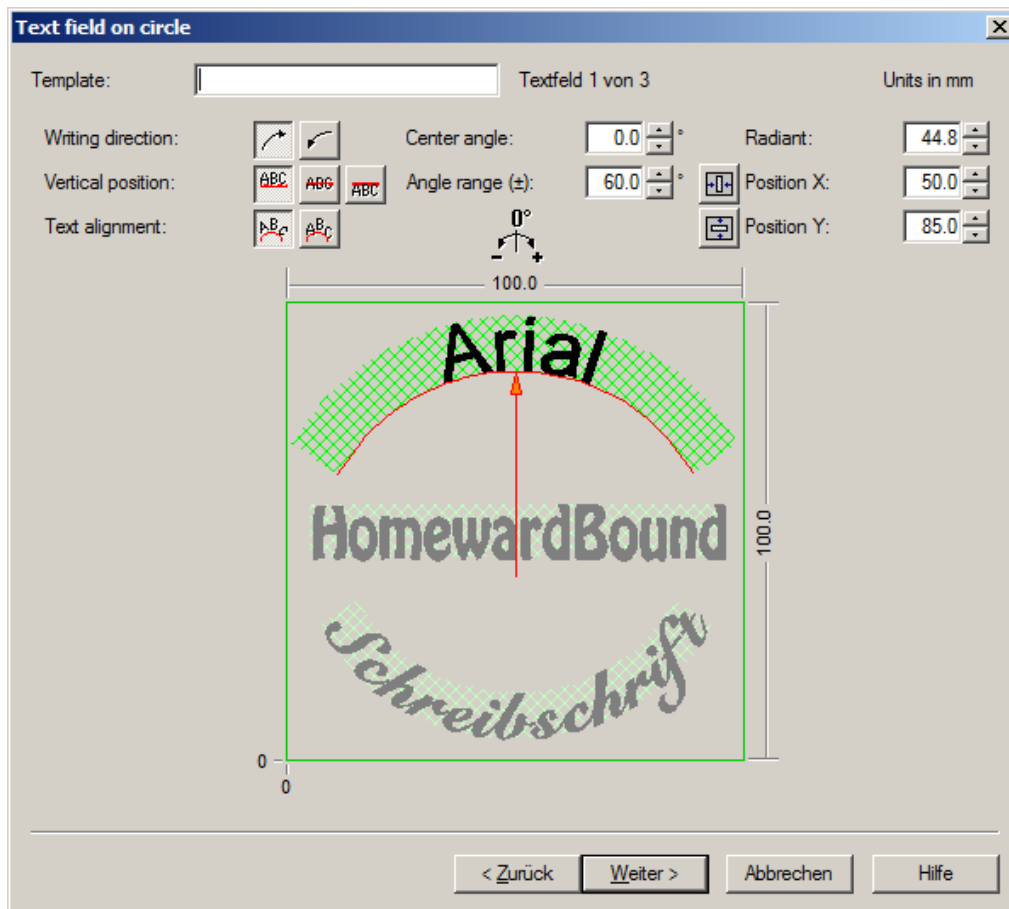
Your GiS Team

Lettering templates: multiple text fields

In the template function, additional possibilities have been added.

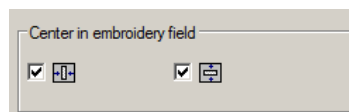
Now it is possible to define multiple text fields, each of them using different text parameters like Font type, size ..., in one template. Each text field can be created as straight line or circular arc.

With this, much more flexible templates than before can be created.



You can define up to 9 text fields.

Lettering templates: centering



In addition to the already available possibilities of centering elements in the embroidery field, now also

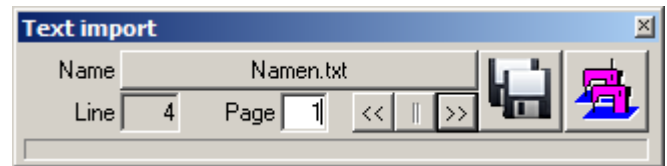
the complete embroidered amount, which is the used design together with the given text can be centered in the embroidery field.



Lettering template: Export extended

The fee-based option "Free machine path" which was added with BasePac7, now is held with another name and adds additional possibilities.

With this fee-based option, if text import from file is used, all embroidery designs can be created automatically in the Template function without extra confirmation from page to page.



It is a well-known technique using the Template function to send Names or other Texts, also together with designs, to the ringbuffer of a ZSK embroidery machine. The machine embroiders the designs with lettering one after the other; the BasePac does the calculation and data management automatically.

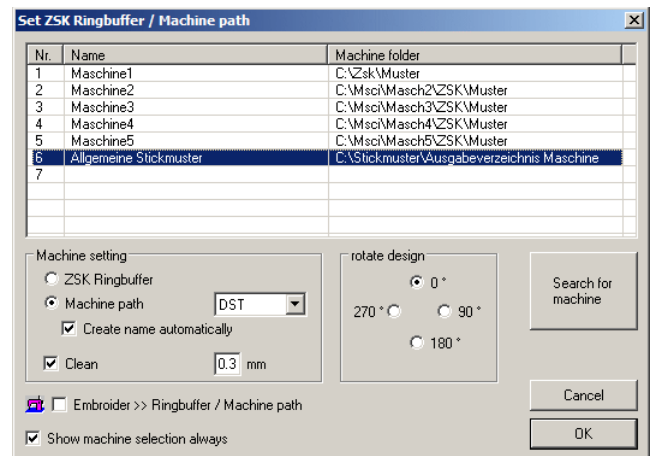
More and more customers use this outstandingly efficient method of working and want to have this also for other brand machines.

The option "Export extended" is the solution for these customers.

With this fee-based option there is a tool which allows writing the designs to any storage device very easily. The storage device may be a Floppy Disk, a USB-Stick or attached network storage directly on a machine.

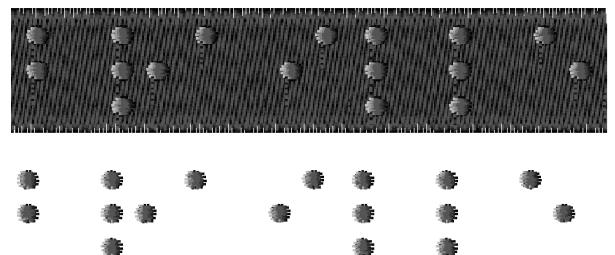
The filenames are created automatically.

The following stitch data formats can be chosen: Tajima DST, Tajima DSZ, Tajima DSB, ZSK TC



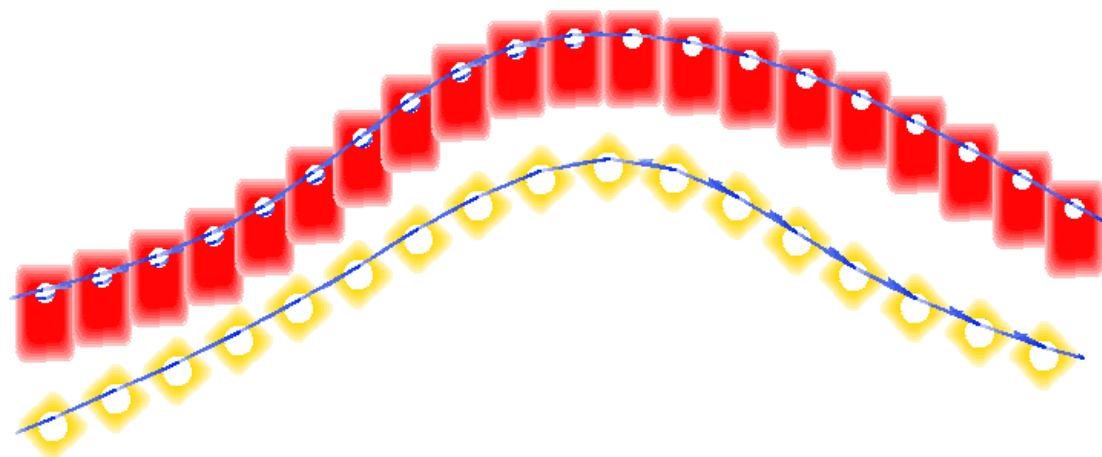
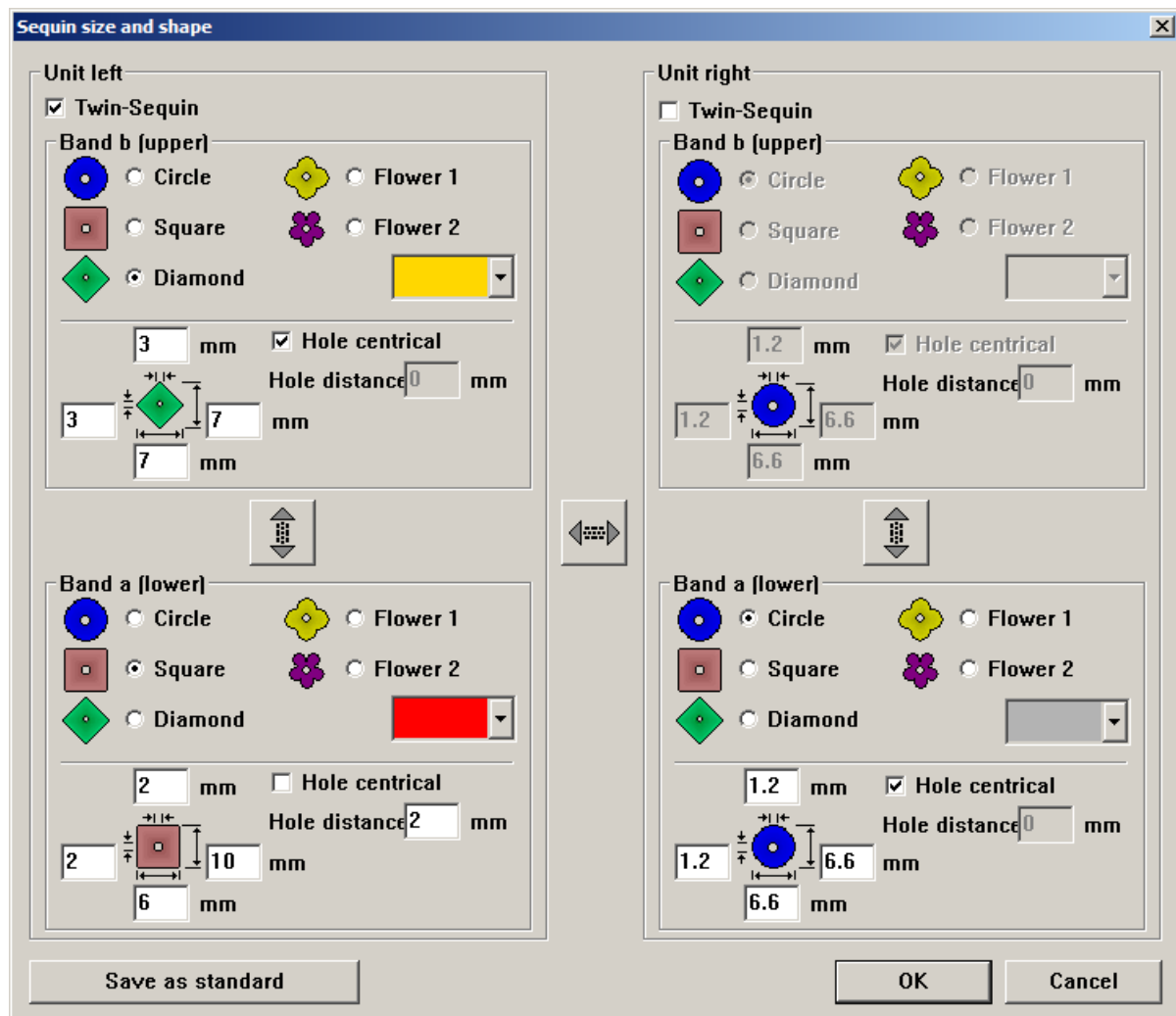
Lettering: Braille option

As an additional fee-based option Braille fonts, which make it possible to embroider textiles with lettering for blind persons, can be activated now. The output of Braille lettering is only possible for ZSK machines in Ringbuffer (lettering) operation.



Sequins: Extended drawing possibilities

Beside the size and the sequin shapes, which have been inserted at BasePac7, non symmetric sequins can also be chosen now. With this, a much more realistic view of the embroidery designs is possible.

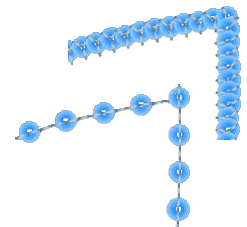
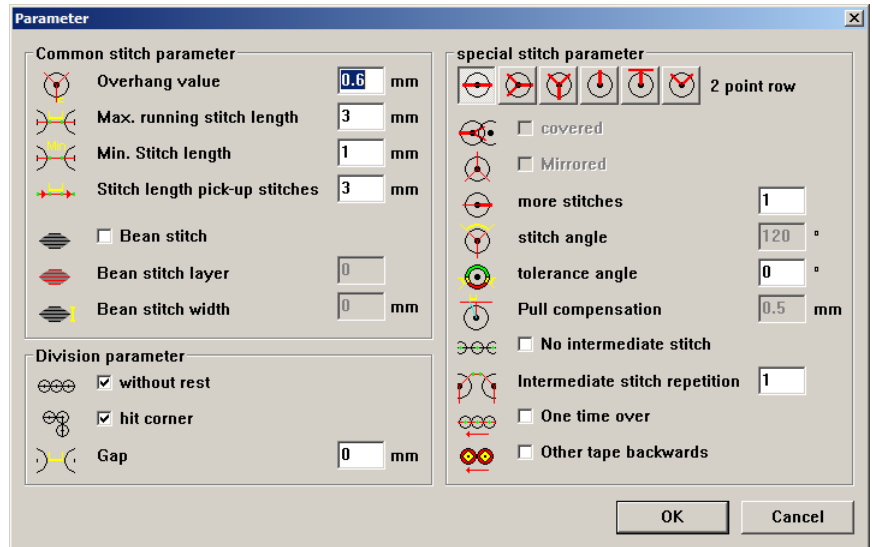


Punch2: more automatic

Automatic sequin

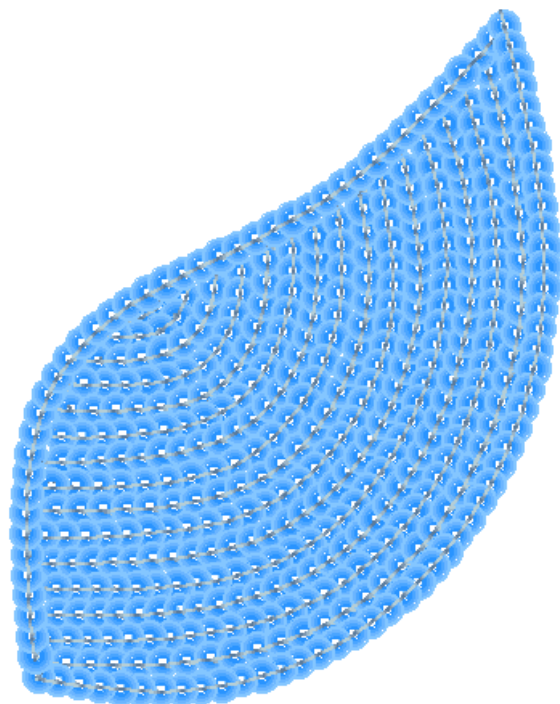
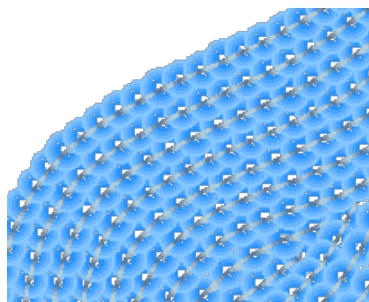
Users of sequin devices will appreciate the new automatic sequin function. Anyone who has seen the sequin automatic added with BasePac7, knows that it is very simple to place sequins automatically on lines. The user selects between 6 different stitch types and selects whether the sequins are overlapping or not. The intelligent algorithm takes care of the correct direction of the sequin stitches, so sequins are never "shot" against the thread laying from needle to fabric. This guarantees perfectly set sequins and a significantly improved production in the machine.

In addition to this, more decoration stitches are concatenated to the sequin automatic now. So, for example, bean stitches can be set between the sequins to have special effects.



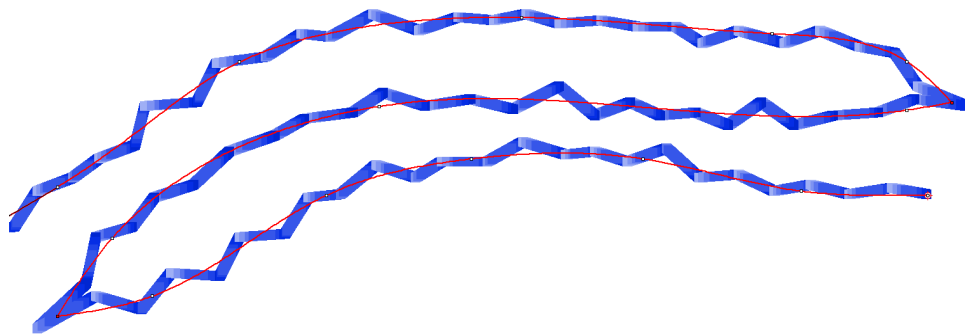
Advice for application:

Sequin areas are made in very short time by drawing a bas line (also curved!) and duplicating this on an area. By using these lines in the automatic sequin function, an area is fast and, first of all, individually filled with sequins.



Running line automatic

Up to now, the running line automatic could be done only with regular effectuation, which means regular stitch length. Now as an alternative to this also an irregular stitch length can be set up. Furthermore, the swing value can be chosen "irregular" and is only limited by the maximum value. With this, it is possible to create running stitch lines which look by use of their irregularity like hand crafted. Especially art effects like fur or feathers, or shades can be created very effectively using this technique.



Parameter

shortened stitches %

Overhang mm

☒ Irregular stitch length

Repetition

☐ Bean stitch mm

Stitches

Lines

Swing & Shift

mm	%
1	0.5
100	

☒ Irregular swing

E - Stitch

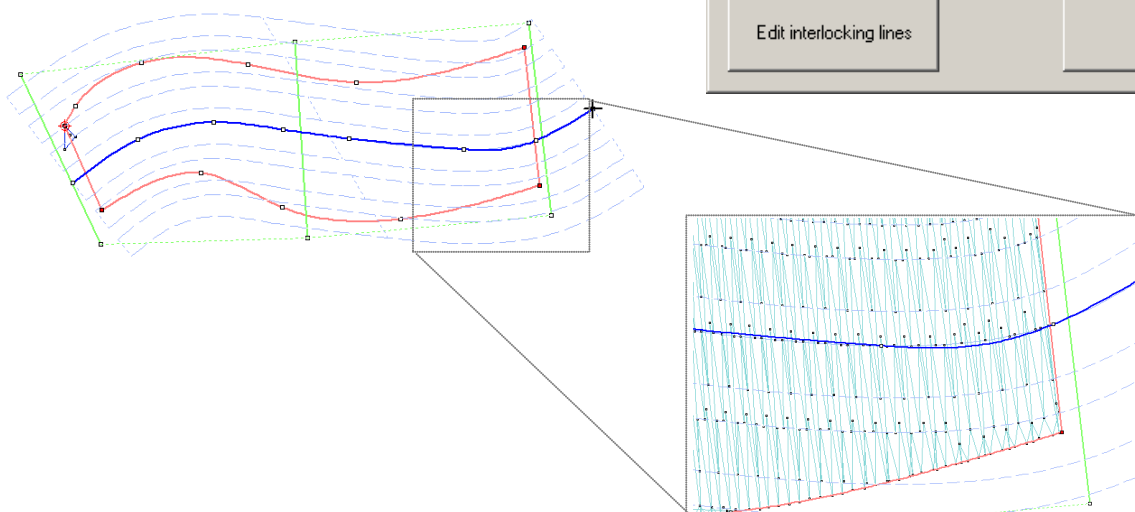
Width mm

Angle °

OK Cancel

Interlocking stitch – Interlocking lines automatic

This new development, established with BasePac7 enables a totally new satin stitch effect, which was only possible with manually punched stitches before. Now the Input of interlocking lines is automated, so the user can give only one main interlocking line and all necessary interlocking lines on the whole shape are calculated automatically. Of course, all comfortable editing possibilities are available as expected from BasePac.



Interlocking lines automatic

mm

mm

Calculate interlocking lines

Remove automatic

Edit interlocking lines

Cancel

More news in a few words:

Design Output:

Output of Sequin designs is now possible also in Tajima code.

Load Tajima data:

At import of Tajima coded designs, now a needle assignment up to needle 99 is possible.

Import design:

At the import of designs by activating an embroidery file now the question "Open or save to data management" can be set permanently by selecting "do not show anymore".

Import design (to a opened design):

At the import of designs to a design now always the original start / end point is always used now. Also, the colours of the imported design are copied to free needle in the design which are used for the imported design.

Use drawing:

This function is optimized, so that also lines are used correctly which join directly to the already made line.

Rounded Edge:

The rounded edge type is now also possible if the "technical embroidery" option is activated together with the "Punch 1" option.

Import Text file:

When loading a text file into a template, the needle to be used can be also set in the text file now.

Monogram option reevaluated

The "import picture and "Block – Make automatically" functions are now available for all customers with "Monogram" option.

Thread usage table

The thread usage calculation has been improved. Now the set-up colour numbers are also shown in the thread usage table.

Dear friends of BasePac,

We have already incorporated many of your suggestions for improvement and realised new developments in BasePac 6. With BasePac 6, we have further developed user-friendliness and embroidery quality.

In this GiS News, we present the latest news from BasePac.

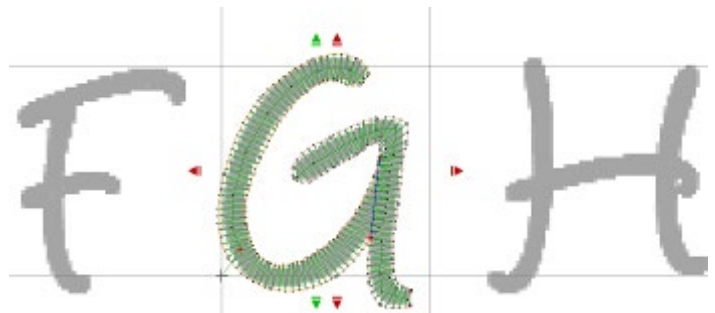
We hope you enjoy reading and trying out the new features.

Your GiS-Team

Alphabet Editor: Extended

New fonts could be created until now only based on TrueType fonts. Those fonts are converted automatically and need to be adjusted only at few points. Now the additional possibility to create Fonts from scratch is given. This can be based on a scanned image of a font. The created fonts are used identically to the fonts created from TrueType, so the fonts are scalable and can be used with shortest point connection.

With this it is now possible to create fonts where no TrueType pattern exists.



The base line and the upper line are no movable for the complete font to make an overall size correction. The new red buttons are used to distort the letters at one side only. So the adaptation to embroidery specific needs is simplified.

With the new version it is quite simple to copy and paste single contours from one letter to the other to make it simple to extend letters maybe from A to Ä.

The selection of the character to edit using the ASCII table is simplified.

Lettering: vertical

In text mode now vertical lettering is also possible.

Templates: Optimized user interface

The creation of lettering templates is again optimized.

Now you can choose from three different Template types.

The position of the design or text can be fine adjusted using the arrow keys.

Text on circles can be easily centered.

If defined, the text preview is shown also during seating of the design to the embroidery field.

To reuse optimized text formats, the existing text formats can be selected in the template setting also.

When importing from text file, now automatic formatting can be used. The imported Names can be converted to UPPERCASE or lowercase letters, or an intelligent formatting with only the first letter as Capital is possible.

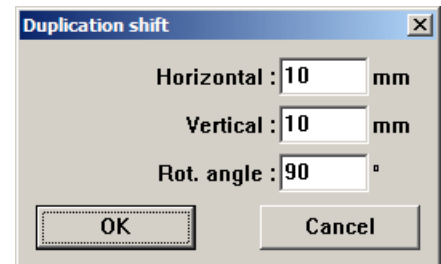
Module mode: Toolbar extended

In the toolbar of the module mode now mirroring and rotation in 90° steps is directly selectable.



When "Duplicating" blocks now not only the movement, but also the rotation can be given.

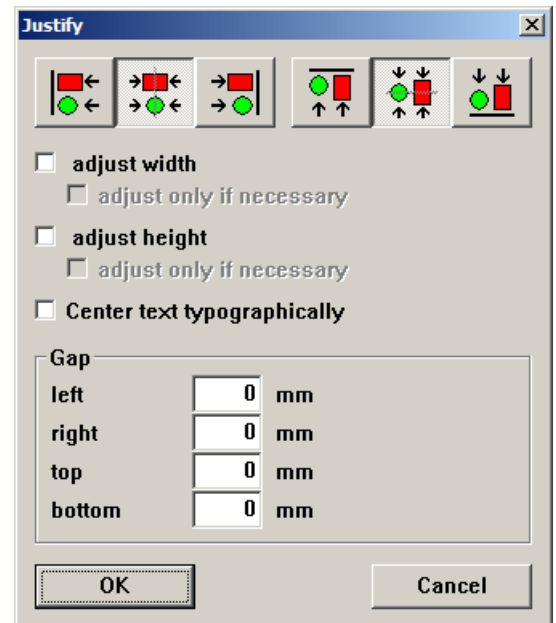
With this it is very simple to create rotated repeats.



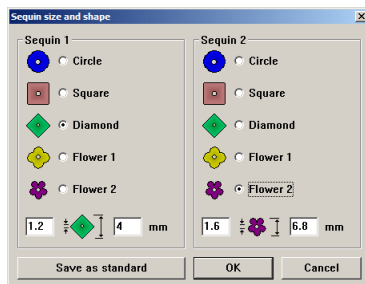
Module mode: Center and more

The centering function is mainly improved and therefore is now a mighty justifying function. Not only centering of blocks, but also justifying to left, right, top or bottom is possible.

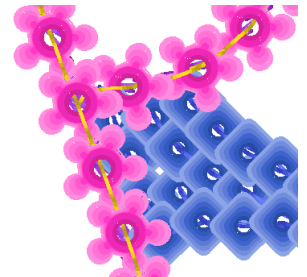
The buttons in the Justify dialog show this and make the usage easy. Notify that justifying can be done also at single direction only so maybe all blocks are justified left without changing the vertical position.



Stitch view: Choose sequin shape

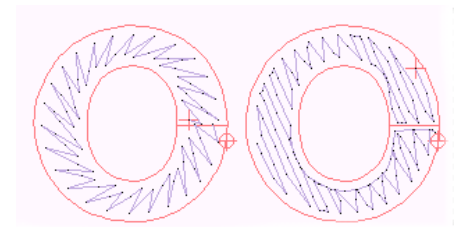


The user can choose from 5 different sequin shapes additionally to the size of the sequins now. With this a much more realistic view of the embroidery can be given.



Stitch calculation: Underlayer optimized

At structured fill it is freely selectable if the Fill underlay changes its direction with the covering stitches or keeps one constant stitch direction. This has also affect when calculation lettering. It depends on the needs which effect is more suggested.



Punch: ACE revaluated

The beginners' package BasePac ACE has been revaluated. Now this package allows also the import of vector graphics files (AI, DXF, WMF...) to operate with existing vector data.

Import picture – directly from scanner

For the first time it is now possible to import pictures directly from scanner. Select "Import picture – from scanner" and start the scanning process in the scanner dialog. All scanners with TWAIN compatible driver are supported.

Stitch overlap revised

The stitch overlap at complex fill areas is completely revised and is now working as absolute overlap the same way as at structured fill. Now all automatic fill programs use the number of overlapping lines for giving the overlap.

This simplifies usage and optimizes results.

Move complete curves

Moving complete curves instead of moving each reference point separately, a wish is coming truth. Simply move holes to other places, shift division lines or replace curved stitch direction.

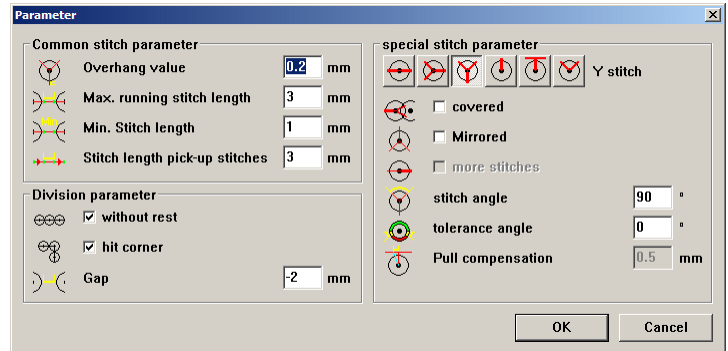
If a hole, a stitch direction line or a division line is needed multiple times, now this curve is duplicated simply by pressing the ALT key during movement. Try this, it simplifies input enormously.

Punch2: more variety

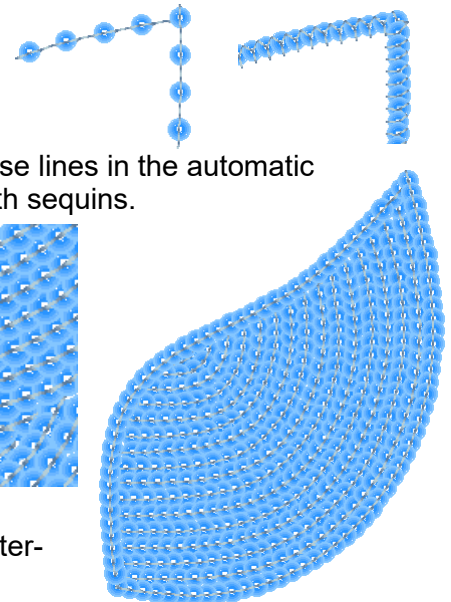
Special attention was given to the fill programs. So a number of interesting new functions could be created.

Automatic sequin

Users of sequin devices will appreciate the new automatic sequin function. With this it is very simple to place sequins automatically on lines. The user selects between 6 different stitch types and selects if the sequins are overlapping or not. The intelligent algorithm takes care of the correct direction of the sequin stitches so sequins are never "shot" against the thread laying from needle to fabric. This guarantees perfectly set sequins an a relevant improved production in the machine.

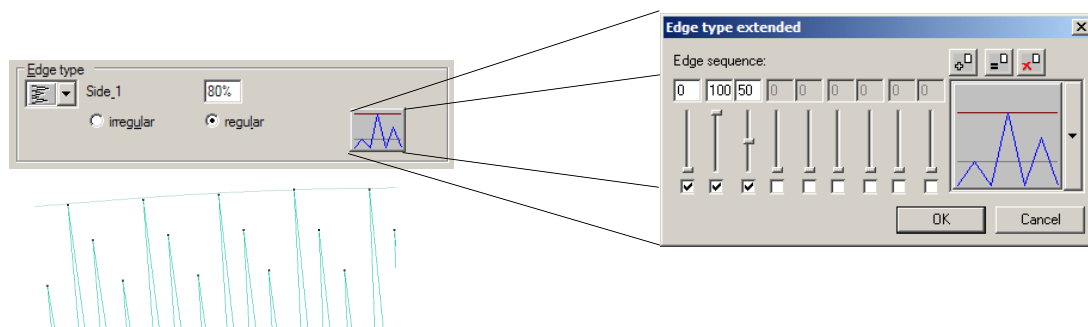


Sequin areas are made in very short time by drawing a basic line (also curved!) and duplicating this on an area. By using these lines in the automatic sequin function a area is fast and first of all individually filled with sequins.

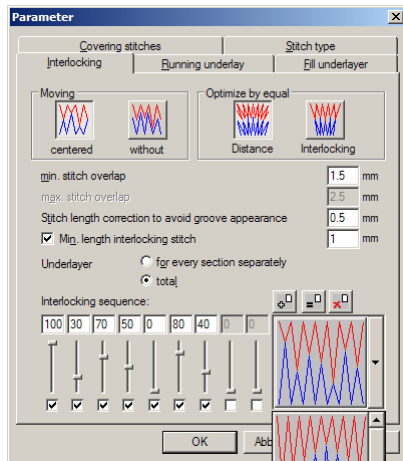


Jagged edge

Until now a jagged edge was always done irregular. Now the alternative was to use a regular jagged edge.

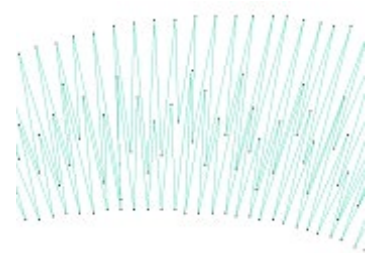


Interlocking stitch



This new development enables a totally new satin stitch effect, which was only possible with manually punched stitches before. An area is entered in once, but the stitch calculation is done in several rows as "interlocked" satin stitch.

The algorithm takes care, that the interlocking sequence, which is defined by the user, fits exactly together so no gaps occur. The overlap and many other parameters are also selectable. The result is a very smooth filled area with "lofty" satin character which is not possible with any other technique.



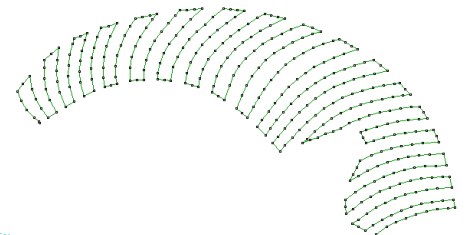
Extended edge types

The already known edge types smooth, obtuse and acute are extended by rounded and obtuse divided.

At the rounded edge multiple small stitches are created so no acute angles occur. This gives respective to large stitch distances nice effects, but is mainly used at technical embroidery when for example coal fibers are embroidered.



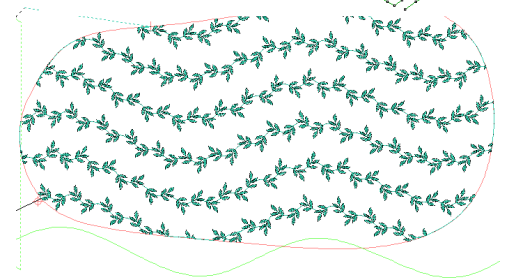
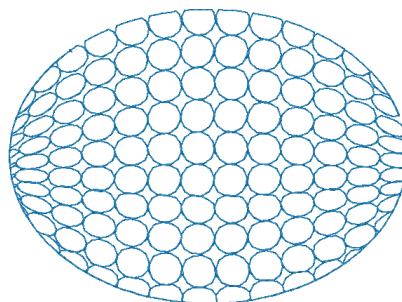
The already known obtuse edge type is extended so the stitches along the border are divided by the given stitch length. This prevents from having long stitches specially at steep flanks.



Macro at curved fill

The macro fill program is enhanced, so stitch macros are now used also with curved fill.

This gives very plastic effects.



Free machine path: Ringbuffer mode with all kinds of machines

It is a well-known technique using the Template function to send Names or other Text, also together with designs, to the ringbuffer of a ZSK embroidery machine. The machine embroiders the designs with lettering one after the other; the BasePac does the Calculation and data management automatically.

More and more customers use this outstanding efficient method of working and want to have this also for other brand machines.

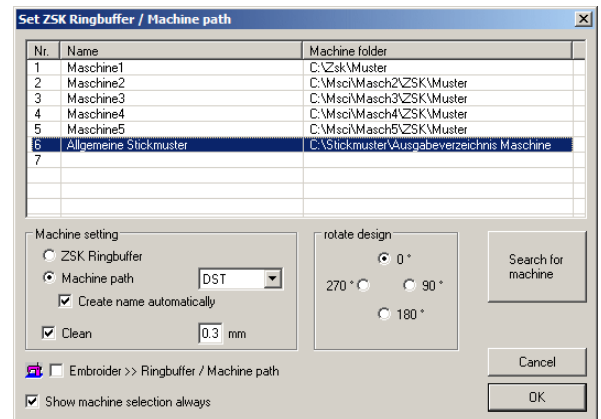
The new option „Free machine path“ is the solution for these customers.

With this option there is a tool which allows writing the designs to any storage device very easily. The storage device may be a Floppy Disk, a USB-Stick or attached network storage directly on a machine.

The filenames are created automatically.

The following stitch data formats can be chosen:

Tajima DST, Tajima DSZ, Tajima DSB, ZSK TC



New Software protection with CodeMeter (CM):

BasePac 7 is protected against illegal use with a new protection system, the CodeMeter from WibuSystems. With this we have extended possibilities in license management. As the dongle before, the CM Stick is plugged to the USB-Connector of the computer. The software drivers are automatically installed with BasePac 7. At upgrade from former versions the existing dongle is replaced by CodeMeter.



More news in a few words:

Workspace: Now the usage of multiple displays is supported. With this the workspace can be stretched and maybe the toolbars are at one monitor and the other monitor shows the design view. (Only possible if supported by the graphics card)

Rhythm division: Mirrored rhythm can be used now.

Design import: The import of designs is simplified. Using double click to a design in an email or in the Explorer opens the design directly to the editor or stores to design management.

Search in database: During search mode in the database F3 can be used to view the folders where the search criteria are valid.

Handles in module mode: Additional handles are created at the left and right side of the block to slant from this side also.

Automatic correction of special functions: At insert of design parts or during change of the order of embroidery the mainly used special functions like the active needle are automatically corrected and Needle changes are inserted or removed as needed.

Embroidery head selection: The embroidery head selection at ZSK Kombi machines with F- W- and K- heads is now directly selectable in the editor.

Tack and lock stitches: Now the thickness of the letters is taken into account during calculation.

Text format: The maximal text length is now also saved to the text format if used.

Import of vector files: AI (Adobe Illustrator TM©) files up to Version 7 are supported.

Cut lines and stitch direction lines editing: Now also at overlapping areas these lines can be edited.

GiS NEWS

BasePac 6



Embroidery Software Partners

Dear friends of BasePac,

In this GiS News, we present the latest news from BasePac 6.

We hope you enjoy reading and testing it.

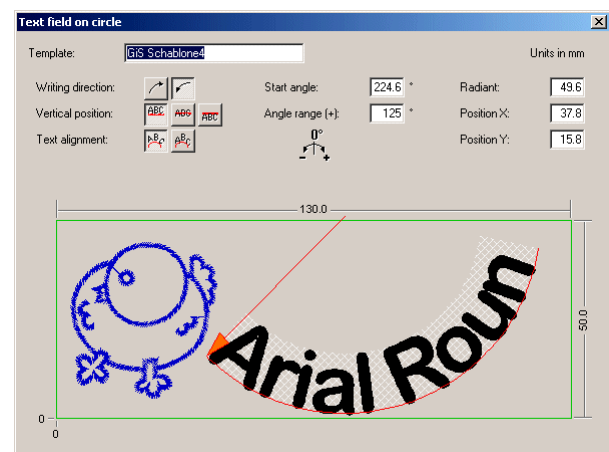
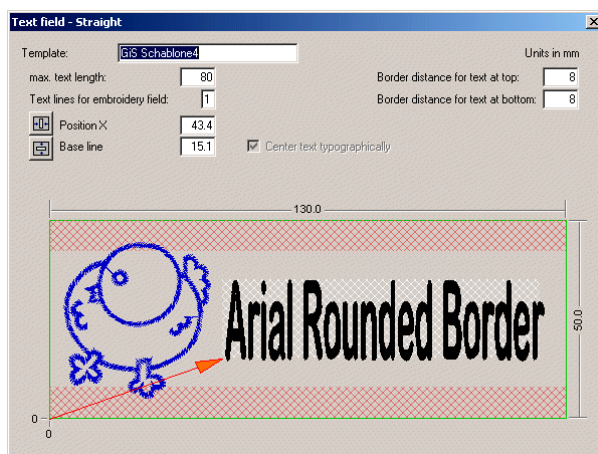
Your GiS-Team

Template: Completely Revised

A lot of new ideas have been included in the template feature. Positioning the text on the arc of a circle is possible now. For a better control an interactive graphical user-interface is available. Whenever the values for the distances have been put in incorrectly, you will see this immediately.

In addition, it is possible now to center the text geometrically.

If the names you input are very long, the font is compressed very much, and the characters could be distorted in an unsightly way. That is why you can switch automatically to a second font – for example a condensed font – if the compression is too extreme.

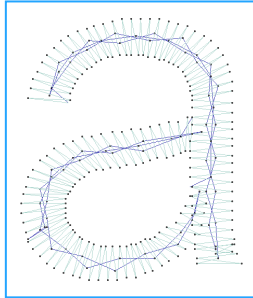


Monogram: Font types

Similar to the text processing systems you can store certain fonts with all associated parameters under a specific name in the BasePac now. So proven parameter sets for certain types of thread or cloth can be used again and again.



Center line Underlayer

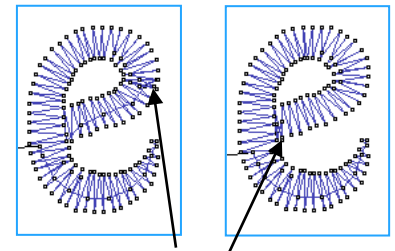
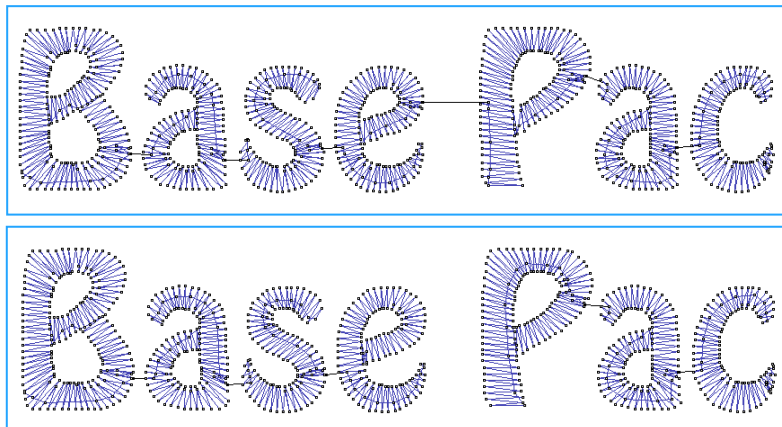


Using the newly established center line underlayer for TrueType®-fonts you can produce small letters of high quality. Additionally, you may define a swing, this results a small zigzag-underlay.

Automatic connections have been optimized

The feature for variable connection of TrueType®-fonts, which already had been very comfortable, has been enlarged once more. One addition is, that there could be a stitch in the middle of the connection. Depending on the material you embroider on, the connection will sink into the cloth.

And the new connection „automatically“ will calculate a closest point connection, if the characters are close together. But if the gap between the characters is so wide, that the thread must be cut, it will calculate the lockstitches at the defined endpoint of the character and not at the calculated connection. This specific endpoint can be set in the font-editor at the most inconspicuous place. Therewith, it is possible to better “hide” lock stitches.



Position of the lock-stitches with optimal connection (left) and automatic connection (right). Tack- and lock-stitches can be placed at a defined, inconspicuous place.

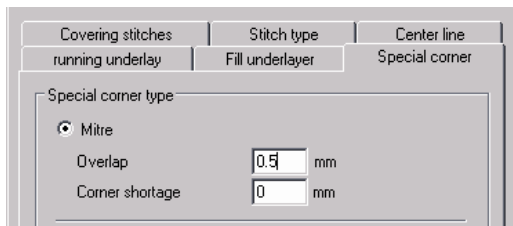
Monogram with optimal (top) and automatic (bottom) connection.

Punch: Flexible input types

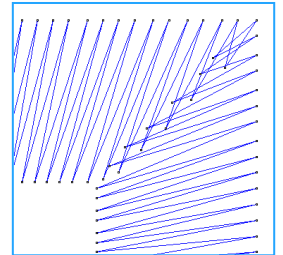
For a quicker and clearer input of the different automatics the input modes “outer contour” and „structured” have been divided. So, you can input satin stitch elements as a contour very quickly and add cuts and stitch direction lines manually or automatically.

Taking over existing drawing lines for satin stitches also can be done easily with this tool. Of course, it is possible to transform one type of automatic in any other one. Areas of even width can be punched effectively with center-line input. After that they can be transformed into a structured automatic to be able to change the stitch directions and to define mitre corners.

New: Mitre corners

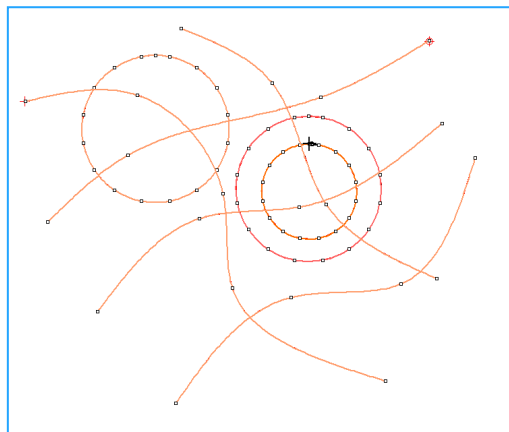


Mitre corners can be defined now in addition to the turned or obtuse corners. Therefore, you just assign the attribute “special direction” to the stitch direction line in the corner. To adopt the desired quality, you can define the dimension of the overlap



and the corner shortage in the parameter.

Input of running lines: Easy as never

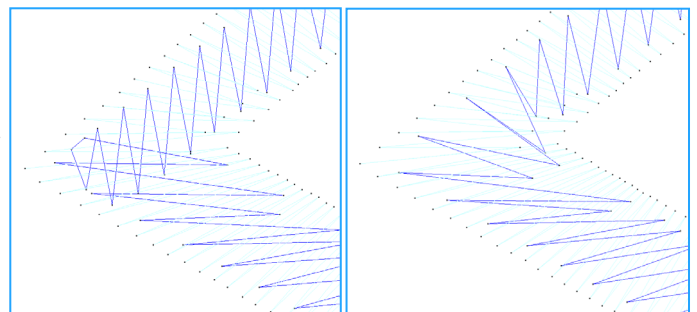


The running line automatic has been radically improved: Any start- and endpoint you like can be input and any lines can be punched in one automatic. The “branches” of the last versions can be totally separate lines now. So it is also possible to calculate any number of lines in the LineACE as running stitches, only one automatic is created. The opposite design is punched in that way. The bean stitch has been added in BasePac's version 6 as well. All together this will save you a lot of time.

Underlayer-quality further improved

Center-line underlayer are also available in the punching now, so you can perfectly prepare small satin stitches.

You can define fill underlayer around narrow corners or curves as turned corner or obtuse corner by choice.



Editor: Changing sequence of embroidery comfortably

The film strip had got some new features in version 5 already, but it didn't get around how useful they are: Marked blocks can be sorted by needle or changed by order according to different criteria. So, you can embroider from center out, for example for embroidery on caps. Reworking ACE-Files is made easier by moving a number of blocks specifically in the film strip and thereby change the order of embroidery.

move to ...
Set to the front
Set to the back
sort needles
pack together
connect blocks
from left to right
from right to left
from center

More news in a few words:

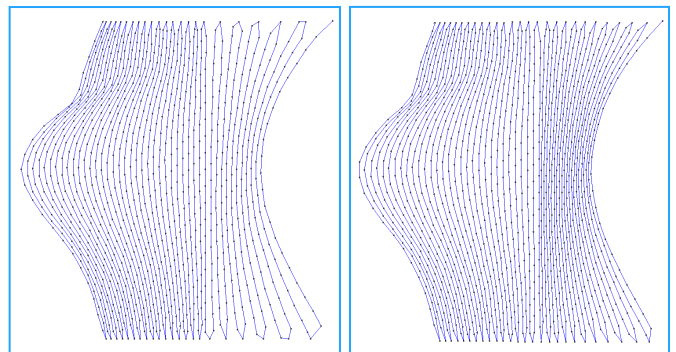
Borders around characters: The running borders around the characters can be done with closest point connection and with repeated lines or stitches.

Tack- and lock-stitches: If you have tack- and lockstitches automatically calculated in TrueType®-fonts or Line-ACE and you move the start- and endpoint in the punching mode later, the tack- and lock-stitches are moved also.

ACE-Parameter: In the ACE-tool you can store and load parameter-sets in version 6. These sets combine all parameter for satin, running and step stitch automatics. So, you can optimize the ACE for different types of cloth for example.

Distance calculation in wavy step:

Now there are two ways of calculating the distance in wavy step areas: Either the distance is measured in the middle of the automatic (as has been done in the past) – see left picture - or it is an average value over the whole automatic (see right picture). The second way results in less extreme distance differences in the area.



Short-long-rule in step areas: To avoid thread breakages the short-long-rule is stick to all step areas.

Print & Statistics: Designs can be exported as .jpg files now, this makes communication with your customer easier.

BasePac 5

Dear friends of BasePac,

some days ago, the new version of BasePac has been published. Many new features have been introduced, which make working more effective and more convenient. And we have some new features which open new creative rooms. All details you will find in the following GiS News.


Enjoy yourselves while reading and testing!

Your GiS-Team

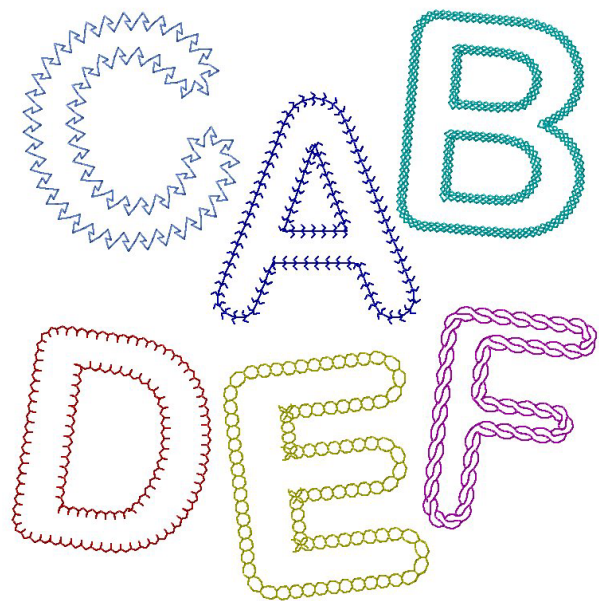
Monogramming: Bordered letters




TrueType® fonts can be decorated with borders in BasePac 5, either with satin or running stitches.

If you have Punch option too, you can border the letters even with macros. How astonishing this technique can be, you can see in the opposite picture.

TrueType® fonts which shall be bordered have to be converted again to get the border data. The new font type is called "TrueType® with border" and has the symbol .

In the text parameter dialogue, you can define if the letter shall be bordered, filled or both.



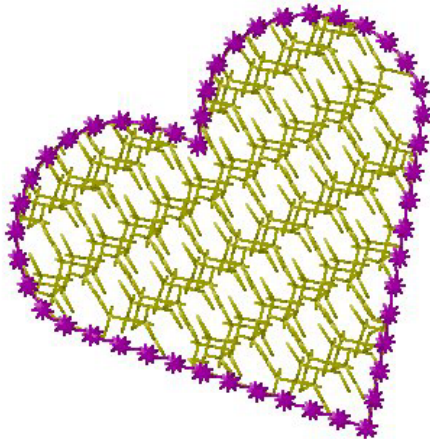
Using three symbols for filled letter , satin border  or step stitch border  you can define the type of the letter.

Each type has got its individual parameter set, so it is possible to embroider the filling with a different needle than the border.

This feature creates not only great effects especially for larger characters, but it is also very useful when working with applications.

Border: Now available with fill

Patterns are often desired with filled background. That is why borders can be filled with all stitch types and parameter your options offer in the new version. Even macros and stencils can be used in the background fill, if you have Punch2 Option.



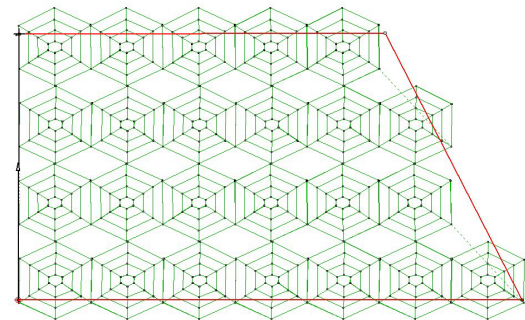
You can embroider the edge of the border either with satin or running stitches, here you can make use of macros, too. Of course you can select every type of border independently, for example use only the fill without the edge.

Punch: Macros by request

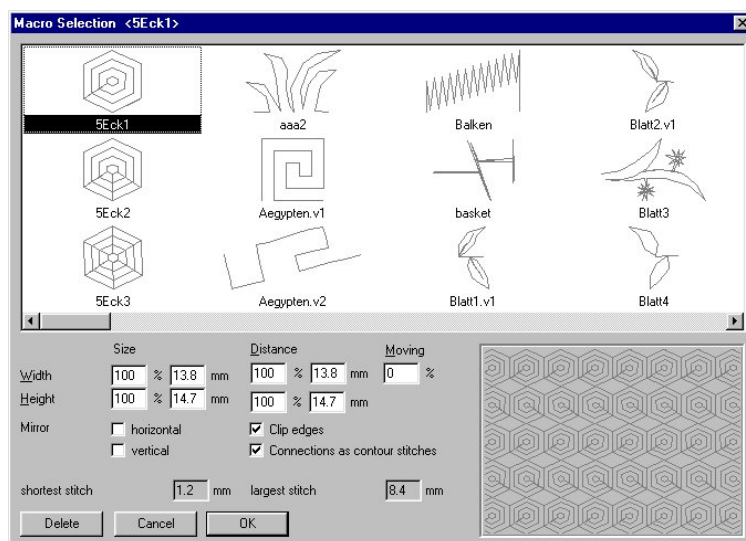
The macro tool, which is the repetition of stitch sequences, has been extended.

Now it is possible to use machine functions (trims, stops, sequins, needle change) inside of a macro. So it becomes very easy to create rows of sequins.

In the new version you have the decision if the macro is clipped at the edges. Sometimes this is not desired, for example if you have sequin macros or cross-stitches. As you can see in the picture, the macros are done either completely or not at all.



The connecting stitches between the single lines can be made as jump stitches in these cases, in contrast to embroidering them as running lines along the edge of the contour.



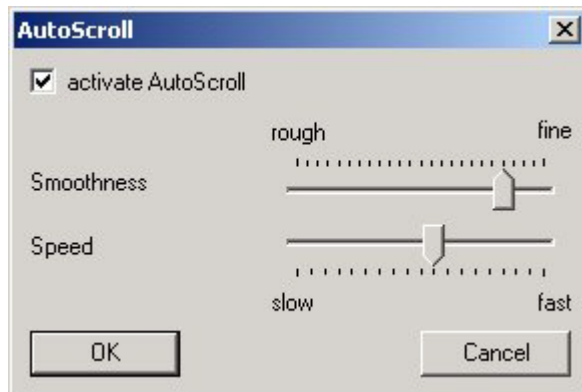
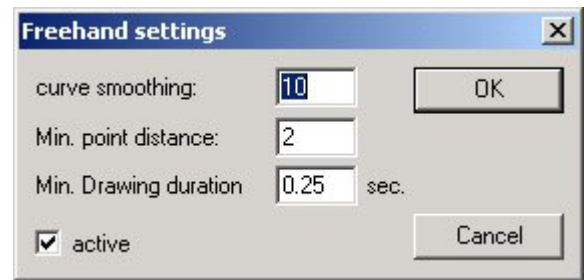
The parameter set of the macro dialogue has been extended. Now you can define a distance in the height and the width of the macro tiling. In the past you could only define the height, which is the distance between the single rows of the macros. The "Width" value controls the gap between the individual macros on the row.

Punch: Free-hand punching without limitations

The freehand mode, which has been introduced now, enables you to input all lines as freehand lines instead of digitizing single curve points. This could be either reference lines, center-, division- or stitch direction lines. You simply draw the line holding the right mouse key pressed. The use of a digitizing pen makes it especially comfortable.

To make the lines nicely smooth and to avoid too many points on the line there are some parameter. The freehand mode is also available in the drawing, here it is particularly useful.

Maybe it is hard to believe, but after a bit of training it is very easy to punch freehand, particularly as you can digitize single points or corners clicking the right mouse key anyway.



The new AutoScroll feature eases the operation of the punching. The visible part of the design is scrolled when you move the mouse over the edge of your worksheet. So, you can work even with large zoom factors or big designs without any problems. The moving of the screen happens, if the mouse is placed on the rulers or scrollbars beside the worksheet. If you move the mouse over these areas, the scrolling stops, so that you can use the menus.

If you don't want the AutoScroll feature, you can simply switch it off.

More news in a few words:

Undo-feature: The undo and redo feature for cancelling the previous actions are available in all modes and for all actions. The number of saved steps can be adjusted.

Stitch display: The alphanumerical stitch display window (only for Punch and Editor option) can be docked at the border of the working sheet. It has got a scrollbar now, so that you can leaf through the design.

Zoom factor: The modern operating systems 2000® and Windows XP® are allowing a higher zoom factor. So the maximum value you can define is set to 999.

Font selection in monogramming: The 10 last used fonts are displayed at the beginning of the font list now. They are divided from the complete list by a double line.
You can also sort the font list by font types, the order is: TrueType® fonts, GiS fonts, Punch fonts and stitch data fonts at the end.

Stitch calculation: The stitch calculation has been improved again. Especially when calculating turned step stitches the density is smoother now.

Print & Statistics: In the print & statistics software the quick start buttons have been replaced by a more useful tool bar

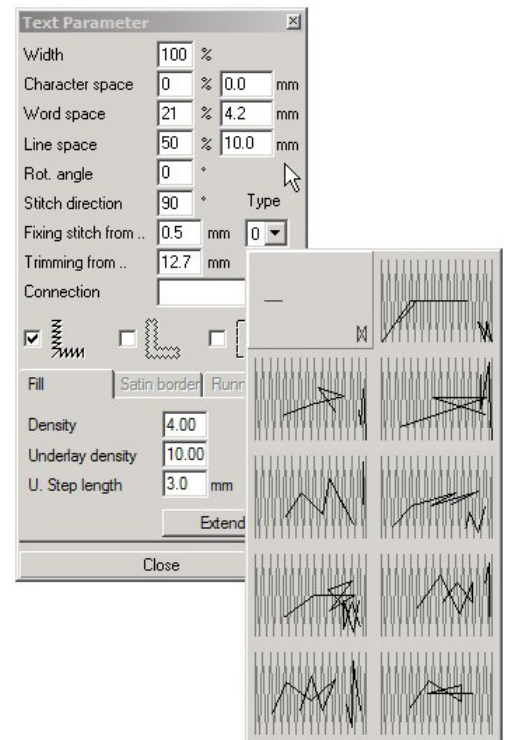
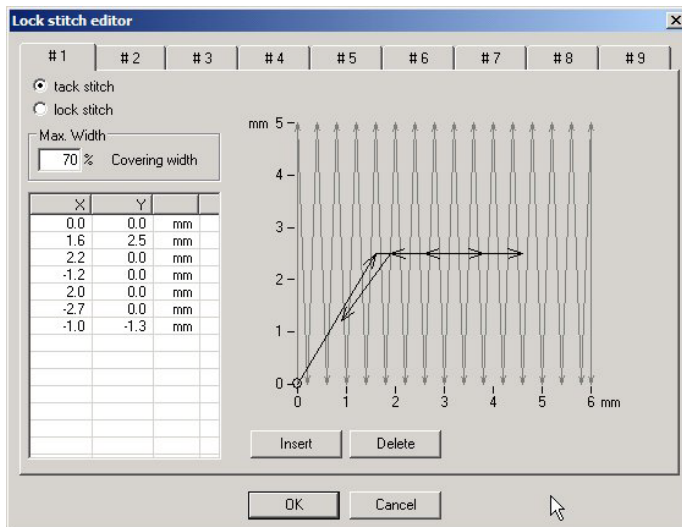
New features in BasePac 5.01

In Version 5.01 not only error corrections but also some new features have been added.

User defined Lock stitch sequences

When using TrueType fonts now different tack stitch and lock stitch sequences can be used. In the Text parameter dialog, a new selection Type has been added. The different Tack and Lock stitch sequences are graphically displayed and can be selected. Also, In type 0 the former sequence is available.

The tack stitch and lock stitch sequences can be edited in the Lock stitch editor, available in the menu "Settings-Standard settings".



Here the sequence for tack stitch and lock stitch can be edited separately. The tack stitch sequence correlates to position (0, 0) at left bottom. The lock stitch sequence correlates to position (6,0) at right bottom.

the tack and lock sequences can be positioned in the field freely, the starting and ending point do not have to be at a specific position. With this for example the tack stitch sequence can be moved inside of the letter easily.

With these possibilities the tack stitches and lock stitches can be adjusted to anyone's needs. The selection of the Max Width ensures that the stitch sequence does not exceed the useable area.

The editing of the sequences takes place graphically with the mouse. The stitches were displayed by values for full control.

With the button *Insert* the insert mode can be selected to add stitches to the sequence.

The button *Delete* is used to remove the selected stitch.

The selected stitch is always displayed in red.

BasePac´21 – Versions 4.01 – 4.04

Dear friends of BasePac,

The ACE option, True Type Import and the improved text placement on curves make BasePac 21 one of the leading software products for the embroidery industry.

And now we hope you enjoy reading and trying out the new features.

Your GiS-Team

Line ACE: Creating stitches on draw lines speeds up your punching

From now on drawing lines can be added with a colour, when importing vector data, the colour is also imported. This is necessary to be able to fill these drawing lines directly with stitches using LineACE.

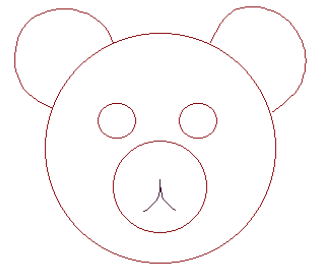
The drawing lines are interpreted as areas or border lines, depending on your needs. The stitches are calculated in the desired stitch type in the original colour. All punching parameters are available, thus underlayer, overlap control or pull compensation are included.

Using the LineACE feature the puncher can first make an embroidery friendly draw of the design. You can either use the drawing features of the BasePac itself or any other drawing software.

These drawing lines are filled with stitches individually. Each line can be used several times, either as an outer contour of a step stitch area or as the centre line of a satin border. Areas laying inside of another one are recognized as holes. All stitch objects you created can be modified in the punch mode, for example to change the stitch direction.

A professional puncher makes a thorough drawing anyway, so Line-ACE will save him a lot of work. But also punching beginners can profit from Line-ACE. Often the customer's designs – like company logos – still exist as drawing lines. Importing them and filling them with stitches is done easily.

LineACE is part of the punch 1 Option

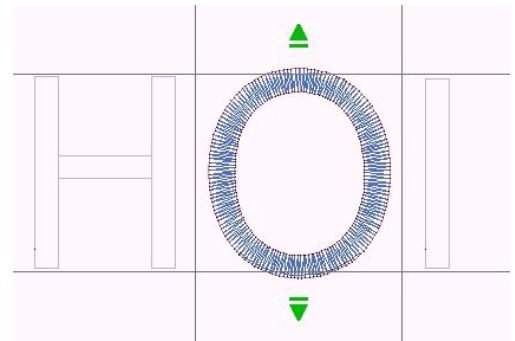


True Type: Importing single characters – Effective working with lettering

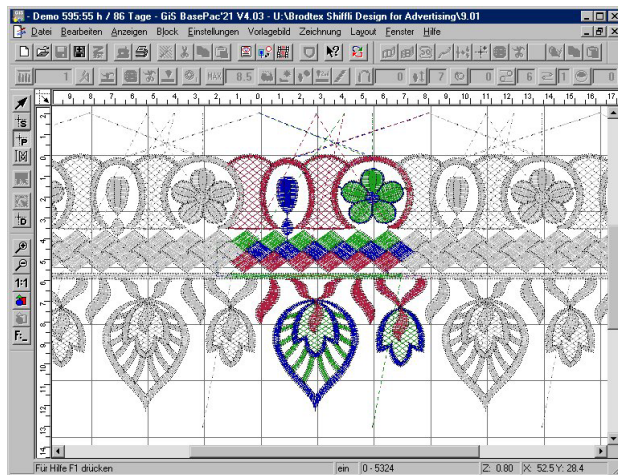
In the first version a True Type font was could only be imported as a whole. But sometimes you just need some single letters. So we completed the True Type import feature with the possibility of selecting and importing single letters. This speeds up your work considerably. Incomplete fonts can be added afterwards, avoiding double efforts.

Checking the True Type letters has been simplified also: The input of upper length and baseline for every single character has been dropped. Now you can adjust each character to the respective lines dragging its active points.

This is a quite common work, because the True Type fonts are not optimised for compensating the embroidery pull. The input of trailer and header spacing has been improved as well.



Schiffli: Repeat view and repeat grid new



An important extension of the schiffli-editor is the introduction of the repeat grid. The repeat grid depends on the type of design, if you have multihead designs with head selection, the grid distance is the head distance. If you have schiffli designs the grid distance corresponds to the needle distance. So it became much easier to work with Schiffli designs or designs with head selection.

Using the repeat view as well, you can check and change Schiffli designs optimally. The combination of the options punch1 and schiffli allows the creation of schiffli designs.

Base Manager: Importing and exporting designs

The import of designs which are not stored in the BaseManager but on any DOS-compatible media like floppy disc, CD or hard disk has been simplified considerably. We added a virtual drive called "import" or "export" in the drive-list of the BaseManager to give access to the Windows explorer. So all external design files, either from a design CD or got as an e-mail attachment (only DOS-formats), can be imported or exported.

Punch: Creating groups of stitch types



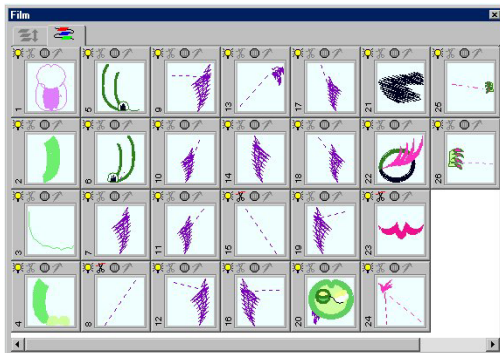
So far BasePac had the feature of defining and storing individual stitch types. Now it is possible to sort these stitch types in groups, depending on the working method of the puncher. For example, all stitch types belonging to a certain type of cloth with the accompanying parameter settings are grouped together. Or special machine-dependent parameter could be stored as a group of stitch types.

So, the puncher has any flexibility to adopt the user interface to his personal needs. As an additional feature you can rename and change the sequence of the stitch types in the list. Some stitch type groups are predefined in the new version of BasePac.

Monogram: Boldness of fonts

From the beginning of the monogramming, we had the possibility of making the GiS-fonts bolder. We used a very sophisticated algorithm which avoids a changing of the height of the letters. Now all other font types (Punch and True Type) can be made bolder, too. We use the pull compensation for the boldness which can be defined in mm steps. But if you need a wide boldness, better use the corresponding bold font type.

Block display: Film strip or free



In the block display we found the optimal combination of the old technique displaying a normal window and the new locked film strip display. On the one hand you can lock the film strip on the upper, lower, right or left side of your working sheet and define the width of it. It's in it, that you can only see a limited number of blocks that way. If you need to have more blocks in the display, for example to shift a block from the end to somewhere in the beginning of the design, double clicking on the film converts it to a free window. This window can have any size, so it's possible to display all blocks at the same time.

Template: Not new but useful



Some versions ago we introduced the template feature in the monogramming. But it didn't get around how useful for creating name tags this function is. The tiresome task when producing badges with a lot of different names in different lengths is the input and adjustment of the names. And exactly this task is made much easier by the template feature. First you create a template which the frame around the badge and perhaps an additional design. This could be the company's logo or name. You define the font and font size and the room you have for the individual name. Then you import a text file with the names and their numbers – and in no time you have a design with lots of badges including the correctly placed names. This can be embroidered on ribbons or large frames. The parameter input is supported by an assistant, that makes the handling very easy.

More news:

Parameter-Input: All parameter values are defined in mm now, no longer in 1/10 mm.

TT Fonts with Chinese letters: Fonts with Chinese, Japanese or Korean characters are supported now. This is only possible in connection with Windows versions, which support these languages.

Monogram: You can set all punching parameter directly from the monogramming now, but only if you have the punch-option, too.

Import of DXF-files: The conversion of DXF-Files has been improved; groups of lines are supported now.

Machine function sequin: 2 sequin facilities are supported now.

BasePac '98 – Monogram '98

33 Fonts for BasePac '98SE and Monogram '98 !!!!

Free of charge update for Monogram 2, Monogram '98 & BasePac '98SE!!!

From now on up to 30 fonts are available for GiS monogram and BasePac '98 SE.

You can download the new fonts free of charge from our internet site.

Arabic
Aston
Challenge
Colombo
Diana
Helvetica small
Jacobal
NATO BLOCK
Old English
OUTLINE ARIZONA

To download the fonts, select our internet site <http://www.gis-net.de> and click on 'news'. On this page, please click on the item 'free monogram fonts update'. On the following page you'll find the file 'setalpha.exe', which you may download by double clicking on it.

These fonts are mainly punch data alphabets, which can be embroidered in any size. Furthermore, there are 3 ZSK stitch data fonts in various sizes.

Schreibschrift 4
Schreibschrift 5
Semiss
Serifen
Style
Times small
WESTERN
WESTERN 2
@©€ (GiS Symbols)

 (Sternzeichen)

The number of fonts will be extended gradually in the future.

We wish you lots of fun with your monogramming system.

Your GiS-Team

ZSK Helvetica 10mm
ZSK Helvetica 14mm
ZSK Helvetica 20mm
ZSK Schreibschrift 10mm
ZSK Schreibschrift 14mm
ZSK Schreibschrift 20mm