

GiS BasePac 10



Level 1 to 4



Embroidery Software Partners

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GiS BasePac 10 Software Level

Construction of the GiS BasePac 10 level structure

With the release of GiS BasePac 10, a new split and composition of the individual options of the BasePac program has been introduced. Thus, the large number of program packages and individual options in 4 new program packages, levels have been summarized.

These 4 program levels are designed to build on each other.

GiS BasePac 10 „Base“

Let's start with the 1st program package, the BasePac 10 "**Base**". This level is thus the smallest program package and consists of 4 distinctive options.

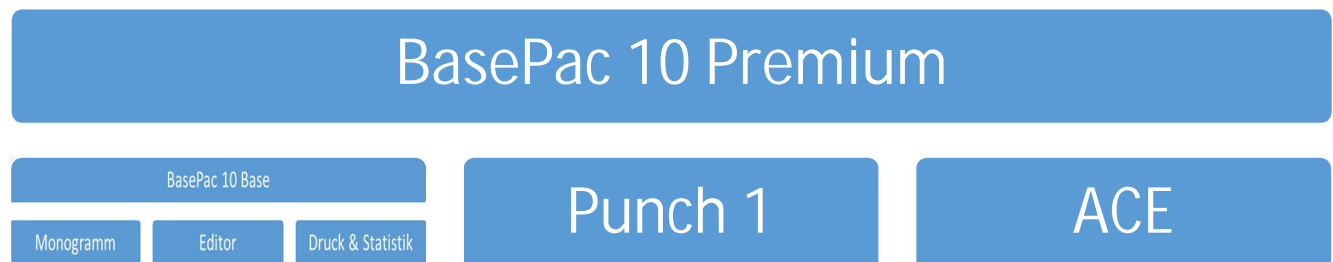
1. The BasePac basic package with data management and import and export functions.
2. The monogram to create monograms in all variations.
3. The editor to edit existing patterns.
4. The Print & Statistics option, to print out the patterns.



GiS BasePac 10 „Premium“

The 2nd program package, the BasePac 10 "**Premium**". In this level the 1st level "**Base**" is automatically finished and is complemented by 2 further options.

1. The punch 1, to generate patterns.
2. The ACE option for automatic pattern generation.



GiS BasePac 10 Software Level

GiS BasePac 10 „Professional“

The 3rd program package, the BasePac 10 "**Professional**". In this level the 1st level "**Base**" as well as the 2nd level "**Premium**" are automatically finished and are complemented by 2 further options.

1. The punch 2, to create patterns with more variations.
2. The Export Extended option for transferring patterns to non ZSK embroidery machines.

BasePac 10 Professional

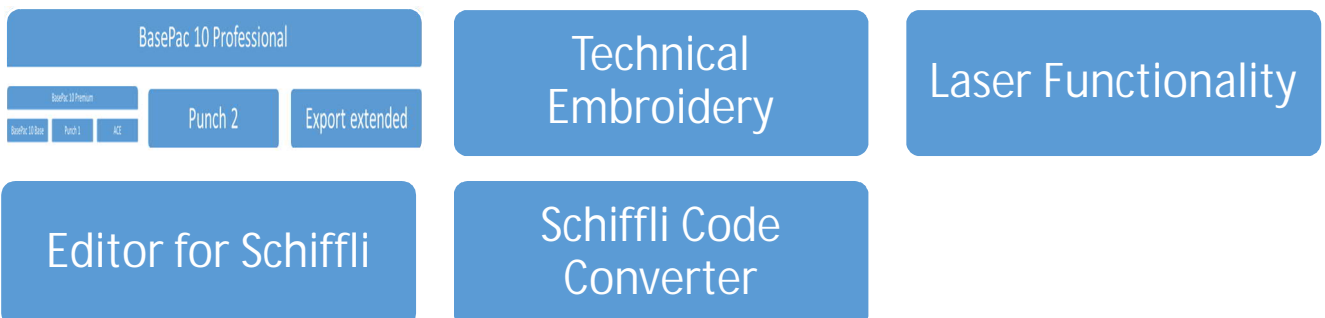


GiS BasePac 10 „Technology“

The 4th program package, the BasePac 10 "**Technology**". In this level the 1st level "**Base**", the 2nd level "**Premium**" as well as the 3rd level "**Professional**" will automatically end and will be completed 4 more options added.

1. The Technical Embroidery, to create patterns for special embroidery machines.
2. Laser Functionality, to output patterns for special laser cutting machines.
3. The Editor for Schiffli, for editing large-stitch patterns.
4. The Schiffli Code Converter, for converting big-stitch patterns into different codes.

BasePac 10 Technology



GiS BasePac 10 Software Level

GiS BasePac 10 „Base“

The BasePac basic package with data management and import and export functions.

- Design management via Windows Explorer with text and image directory
- Search design via Explorer search functions
- Simple design printout
- Export and Import all available Multi-Head diskette formats
GiS Daten, ZSK Transport Code, ZSK Stichdaten (DSZ), Tajima (DST),
Barudan (DSB, FDR), Pfaff, Melco Expanded, Happy-Eltac, Toyota, Juki C
- Design head, calculate statistics
- Zoom, scrolling, ruler
- Design view with TrueView
- Open multiple designs and multiple windows of one design
- remove, insert, move single stitches
- Insert and delete machine functions
- go through stitches in adjustable steps
- rotate design / change size
- Single line lettering with 2 font types, input directly to the design view
- Load frame from library and combine to design
- embroider frame from library as fill or border

The monogram to create monograms in all variations. weit über 100 Schriftarten

- more than 100 font types
- import own TrueType fonts
- optimize fonts with font editor
- input text in single and multiple lines, centered, straight an on curves
- lots of possibilities for adaptation
- Change text and parameters also afterwards
- use shortest point connection or any connection of your choice
- save multiple text formats, as you do in word processors
- Center line underlay for small lettering
- TrueType fonts filled or with satin or running line border
- Load a background picture to place the lettering and frames easily.

The template technology allows creating name tags in easiest manner effectively.

- Wizard to prepare the template for large frame or single frame / ribbon
- Read names from text file
- automatic length adaptation
- alternative font automatically used at compression
- Text on circle or straight also combined in one template
- multi lines Text also with different parameter sets
- combine with design or border
- assign order of embroidery

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The editor to edit existing patterns.

- Search for special functions, stitch length, stitch number
- create blocks at selected stitch or automatically
- clean and optimize embroidery designs
- satin stitch correction
- activate alphanumeric stitch display
- add stitch division
- Change size of design or blocks with density adjustment
- convert from stitch data to reference data
- edit reference data
- embroider backwards

The Print & Statistics option, to print out the patterns with extended print functions for big sized design printout and realistic view.

- Extension to standard print program
- Print in TrueView
- Print with background graphics
- Print the design to multiple pages with markers
- print function histogram and statistics
- print thread usage table
- print needle sequence (separated drawings for each needle)
- move design and graphics freely
- catalog printout with up to 16 designs per page

GiS BasePac 10 Software Level

GiS BasePac 10 „Premium“

The punch 1, to generate patterns.

- data input at screen or with digitizer
- import picture in different graphic formats
- freehand drawing for artistically work
- satin stitch with shortened stitches if needed
- fill stitch as complex fill with holes
- running lines also as multi line and E-Stitch
- bean stitch
- stitch division single, rhythm, regular, irregular
- Miter corner or turned corner selectable
- convert objects between all stitch types and input types
- create designs with head selection
- input and check and monitor all special functions directly
- automatic fill and line underlay for all stitch types
- center line underlay for small satin stitches
- save stitch parameter sets and organize them in groups
- import of vector graphics (drawing data)
- draw graphical primitives (ellipse, circle, rectangle, polygon)
- use drawing data as punch data
- convert punch data to drawing data for further processing
- edit reference data freely at any time
- change all parameters also afterwards
- calculate stitch directions in complex areas for satin stitch automatically
- select start and ending point freely
- put macros to lines
- recalculation for complete designs or blocks
- copy blocks and paste stretched with 3-point-copy or parameter setting

The ACE option for automatic pattern generation.

- optimizing pictures
- convert to vector graphic
- automatically transcribe to punch objects and fill with stitches
- use the optimized picture
- use the vector graphic as drawing lines
- define parameter sets for different materials
- automatically transcribe drawing lines to punch objects and fill with stitches

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GiS BasePac 10 „Professional“

The punch 2, to create patterns with more variations.

- Complex Fill also with additional contours and islands
- curved fill in complex areas also with holes and additional contours
- angles division with adjustable angle
- stencil fill on complex fill with holes
- stencil fill also on curved fill
- put macro on Complex Fill area with or without clipping
- automatic sequin function on lines with many adjustable settings.
- automatic sequin function on areas using specially prepared macros
- Edge type also rounded or obtuse divided
- Interlocking stitch with automatic creation of interlocking lines
- Running lines also with irregular swing and stitch length

The Export Extended option for transferring patterns to non ZSK embroidery machines.

- simply write the design to any storage device
- the storage device might be a floppy disk, an USB-Stick, or attached network storage on a machine
- Design names are created automatically
- Tajima DST, Tajima DSZ, Tajima DSB und ZSK TC can be chosen as output formats
- Automatic transfer of all pages of a template to the embroidery machine.

GiS BasePac 10 Software Level

GiS BasePac 10 „Technology“

The Technical Embroidery, to create patterns for special embroidery machines.

- Conversion of fill area to running line – fill.
This function is used to convert a fill area in a running line automatic where the running line is created from the fill stitches. So the area is filled with the running lines.
- Split running line.
A running line is split in two at a reference point.
- Combine running lines.
Two successive running lines are combined to one.
- Rounded Edge.
In addition to the edge types "smooth", "acute" and "obtuse" the edge type "rounded" is activated. Using this the edge is done with a half circle with defined stitch length.
- Islands without stitch on the contour.
When using islands it is now selectable if stitches are created along the border of the island. Specially at technical embroidery often the dens stick in points along the inner contour are not wanted.

Laser Functionality, to output patterns for special laser cutting machines.

The Editor for Schiffli, for editing large-stitch patterns.

- check the special function and view error position
- edit all known Schiffli functions
- create free repeat patterns with single needle selection
- repeat view in gray or colors
- view repeat grid
- punch shiffli designs if combined also with punch option

The Schiffli Code Converter, for converting big-stitch patterns into different codes.

- convert from and to Lässer disk format
- convert from and to Hiraoka disk format
- Export / e-Mail and Import of Lässer and Hiraoka designs