



Embroidery Software Partners

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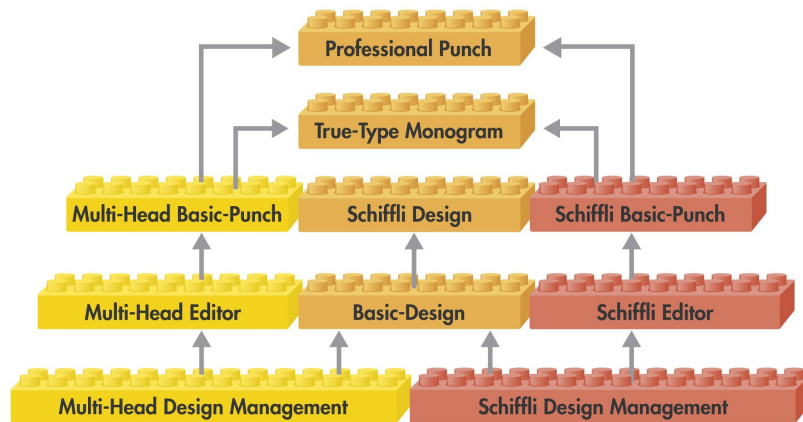
[www.zsk.com](http://www.zsk.com)

**EPCwin**  
Software for multi-head  
and schiffli embroidery

**ZSK** **GiS**  
Embroidery Software Partners

# Options

## EPCwin Software Options



### Multi-Head Design Management

- Design manager, text and image directories
- Save design
- Read and write all multi-head disk codes supported by EPCwin
  - ZSK, ZSK DOS, ZSK TC
  - Tajima (DST)
  - Barudan FDR3/FMC
  - Melco
  - Fortron
- Open design
- Scroll / zoom / move window
- Grid, Help lines, Remarks
- Stitch editor :
  - Run through design with different sized steps (variable)
  - Move stitches, delete, insert (insert only stitches)
  - Insert, edit, delete special function
- Edit design head
- Printing
- Statistics

### Basic-Design (Option 1)









- All standard drawing functions
  - Line
  - Parallels
  - Circles
  - Ellipse
  - Rectangles
  - Polygon
  - Spiral
  - Stitch direction markers with automatic clipping
- Edit drawing
- Block functions for drawing
- TrueType monogram

### Multi-Head Editor (Option 2)

- Stitch and reference data editor with the following restrictions:
  - No insertion of automatic programs
  - If blocks containing reference data are inserted, these are automatically converted to stitches
  - Monogram (Pr 33): Base line and parameters can be edited; fonts cannot be changed
  - Professional Punch stitch types in the parameter set cannot be edited
- Global edit with the following restrictions:
  - No exchange of parameter sets from Professional Punch
  - No exchange of stencils in PR 10
- Global size can be fully exploited for all stitch types with modification of stitch density
- Full block functionality including rearrange block sequence
- Character editor with block function
- Geometry restricted to rectangle and circle

**Multi-Head Basic-Punch (Option 3; only as an upgrade for Option 2)**

- Three different basic design types are supported:
  - Standard designs for multi-head embroidery machine
  - Designs with head selection
  - Designs for special machines and combination machines with different embroidery heads
- All the necessary special functions for the multi-head embroidery machines can be quickly selected and monitored.
- An extensive range of automatic programs is available.









	PR 1 Satin Stitch		PR 10 Complex Stepstitch Fill
	PR 2 Irregular divided Satin Stitch		PR 20 Step-Lines
	PR 3 Percentual divided Satin Stitch		PR 31 Chain up objects
	PR 4 Systematical divided Satin Stitch		PR 33 Monogramming

- Support for creating repeat designs
  - Special repeat grid with indication of head number for each repeat. Variable colors for main and auxiliary lines of the grid.
  - Flexible repeat view: the adjacent repeats or all repeats can be displayed in original colors or a freely definable repeat color.
  - Simple, yet very flexible programming of head selections.

**True-Type Monogram (Option 3.1; only as an upgrade for Option 3)**

- All the Windows TrueType fonts are at your disposal. Depending on your embroidery requirements, you can optimize these with the TrueType Font Editor and save them as new fonts. Lettering can be applied on curves and on any lines. A wide range of tools are available for adjusting lettering to suit existing designs.
  - Use "Grab" to move the entire text on the curve or to correct the position of individual letters.
  - Functions are available for adjusting the text height and width. You can decide whether to adjust the width or the spacing of the individual letters.
  - You can select the position of the text on the line and the position of the letters.
- Numerous parameters are available for influencing the stitch calculation. The underlays are, of course, calculated automatically. You can determine the number and sequence of the area and running underlays.
- The program pays due regard to the shortest transition between letters or to a transition of your choice.
- Once determined, parameter sets can be saved and reloaded at any time.

**Professional Punch (Option 4; only as an upgrade for Option 3)**

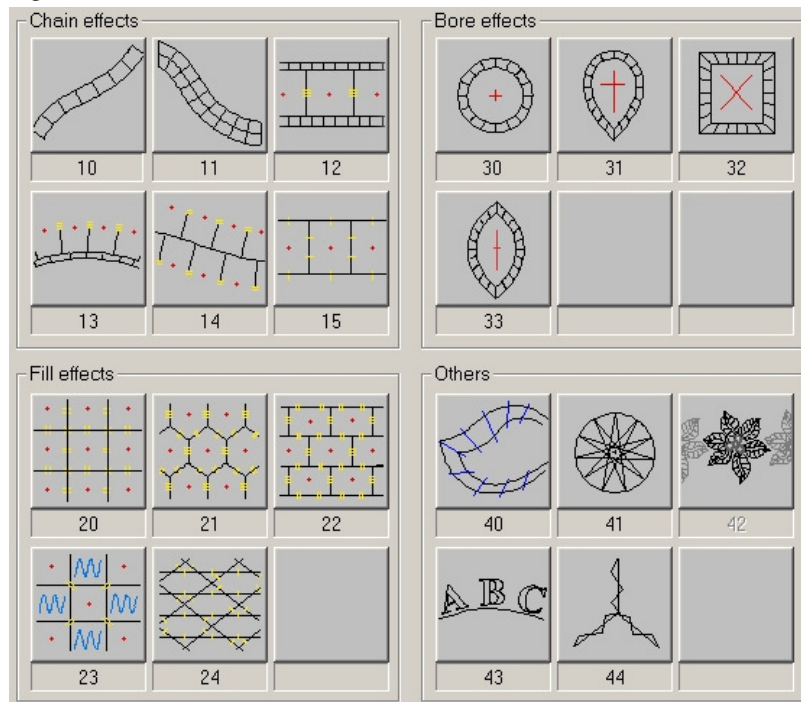
	PR 5 Variable Satin Stitch		PR 12 Cross Stitch
	PR 6 Definable Stitch-Sequences		PR 13 Objects in Areas
	PR 10 Stepstitch Fill with Stencils		PR 30 Cross-Boll / Rosettes
	PR 11 Curved Stepstitch Fill		PR 32 Objects on Circle

## Schiffli Design Management

- Optimum management of designs in image and text directories
- Realistic depiction of repeats as embroidered (True View) with print function
- Programmable default settings for individual design types
- Transfer of schiffli embroidery designs from EPC (UNIX) as reference data
- Input and output of design data in the following codes:
  - NC – ZSK neutral code
  - Saurer SLC (.sas)
  - Saurer SHC
  - Laesser (.mst)
  - Hiraoka

### Schiffli Design (Option 1.1; only as an upgrade for Option 1)

- New automatic design options (bohrstäffel, zugstäffel, double zugstäffel, zughöhl, bohrhöhl, stoffhöhl wabenhöhl, cross boll etc.)



- All automatic objects can be edited at any time by way of parameters and modified contours
- Repeat of drawing lines by calling the appropriate function

## Schiffli Editor (Option 5)

- Special editing functions for monitoring selection of special functions as well as examining and marking errors according to error type
- Calculated modification of stitch density referring to an object or stitch type or the complete design
- Correcting and adjusting contours and stitch direction markers
- Editing and exchanging program parameter sets
- Cutting out, inserting and managing parts of designs
- Automatic modification of special functions when a part of a design is inserted
- Rotating, mirroring, enlarging, reducing and distorting of design parts with optimum adjustment of stitch density

### Schiffli Basic-Punch (Option 6; only as an upgrade for Option 5)

- Five different basic design types are supported:
  - Single-color designs
  - Multi-needle designs
  - Designs with color change stops
  - Repeat and color change (R&C) designs
  - Individual needle selection
- All the special functions required for schiffli embroidery machines can be quickly selected and monitored by way of a freely programmable menu.
- The extensive automatic programs in EPCwin for multi-head embroidery (Option 3) are available here as well.
- Definition of special function start statuses for the machine in the design head.
- Special repeat grid with needle number display for each repeat. Variable colors for main and auxiliary lines of the grid.
- Flexible repeat view: the adjacent repeats or all repeats can be displayed in original colors or a freely definable repeat color.
- Simple, yet highly flexible programming of needle designs for individual needle selection.
- Each needle can be assigned a color either according to a general rule or individually.

**System requirements**

To allow the program to run smoothly, the computer must satisfy the minimum requirements stated below.

	Minimum configuration	Optimum configuration
Computer	Standard Windows PC with 3-button mouse and keyboard	
Processor	Intel P III 800 MHz	Intel P IV 2.4 GHz Athlon XP 2400+
Memory (RAM)	128 MB	512 MB
Hard disk	20 GB	40GB
CD-ROM	24 speed	> 24 speed
Disk drive	1.44 MB <b>External drives connected via USB are incompatible</b>	
Graphics	3D graphics / 8 MB	3D graphics / 128 MB Gforce graphics cards
Monitor	Resolution 1024 * 768	Resolution 1280* 1024
Interfaces	USB	USB 2.0 / SCSI
Operating system	Windows 98 SE / Me / XP Home Edition Windows 2000 *) Windows XP Pro *) *) current service pack	
Scanner	TWAIN compatible	TWAIN compatible A3 Scanner EPSON GT 10000
Printer	Graphics-compatible color printer	
Input device	3-button mouse	Wacom Digitizer Intuos2 A4 with 5-button mouse and pen
Optional	<ul style="list-style-type: none"> <li>• Interactive pen display, e.g. Wacom Digitizer Cintiq 18SX</li> <li>• Network card 10/100 MBit with BNC interface for networking with EPC UNIX</li> <li>• Internet access</li> <li>• CD burner for data backup</li> </ul>	

**Notes**