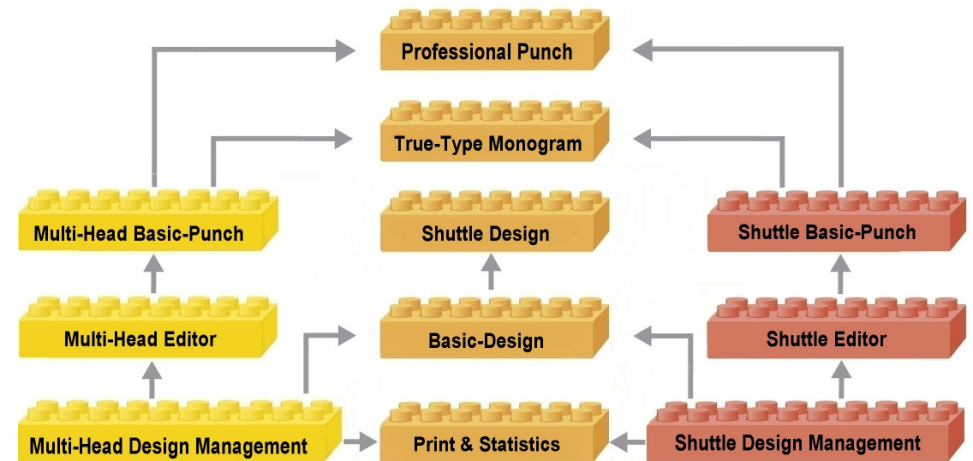


# EPCWIN

THE HIGH-END SOFTWARE



Embroidery Software Partners

**ZSK Stickmaschinen GmbH**

Magdeburger Str. 38-40  
D-47800 Krefeld  
Tel: +49 (0) 2151 – 44 40  
Fax: +49 (0) 2151 – 44 41 70

atelier@zsk.de  
www.zsk.com



# 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 / ruler
- 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
- Import images in the bmp, jpg, gif, pcx, ppm, ras, tga formats
- Import vector data in the dxf, cmx (limited), ai, emf and wmf formats

### **Print and Statistics (Option 7)**

- Needle sequence in embroidery order – a design part between each needle change, in its colour and chronological order, will be printed out as pictograms
- Print of colour catalogue – up to 16 different colour settings of one design can be printed on an A4 size page
- Print of directory catalogue – up to 16 different designs can be printed on an A4 size page
- Specific filter functions for:
  - Histogram of special functions (chronological order of special functions)
  - Statistical summary for e.g. consumption of thread

### **Basic-Design (Option 1)**









- All standard drawing functions
  - Line
  - Parallels
  - Circles
  - Ellipse
  - Rectangles
  - Polygon
  - Spiral
  - Stitch direction markers with automatic clipping (program 40)
- Edit drawing
- Block functions for drawing
- TrueType monogram
- Repeat of drawing lines (program 42) for designs with head selection (multi-head) or schiffli designs

### **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 14 Curved Stepstitch Fill in Complex Areas
	PR 6 Definable Stitch-Sequences		PR 15 Branched Satin Stitch
	PR 10 Stepstitch Fill with Stencils		PR 30 Cross-Boll / Rosettes
	PR 11 Curved Stepstitch Fill		PR 32 Objects on Circle
	PR 12 Cross Stitch		PR 35 Automatic Sequins
	PR 13 Objects in Areas		

## EPCwin TrueType Fonts 1

<b>AFRODI TRUE TYPE</b>	<b>AVION TRUE TYPE Font</b>
<i>AMAZON True Type Font</i>	<b>BAHAMAS TRUE TYPE Font</b>
<b>AMAZON TRUE TYPE Font</b>	<b>BIBLIO TRUE TYPE Font</b>
	<b>BOOK ANTIQUA True Type</b>
<i>AQUA True Type Font</i>	<b>BRIDGE TRUE TYPE Font</b>
<b>ARBOL TRUE TYPE Font</b>	<i>BRUSH SCRIPT True Type Font</i>
<b>Arial ( 4-7mm )</b>	<b>CENTURY GOTHIC True Type</b>
<b>ARIAL (7-10) TRUE TYPE Font</b>	<b>CHICLE TRUE TYPE Font</b>
<b>ARIAL BLACK TT</b>	<b>CHIN TRUE TYPE Font</b>
<b>Arial Black Greek</b>	<b>COMBATE TRUE TYPE FONT</b>
<b>ARIAL BLACK STEPP</b>	<b>COMIC SANS True Type Font</b>
<b>ARIAL GREEK TT</b>	<b>COSMOS TRUE TYPE Font</b>
<b>ARIAL HEBR TT</b>	<b>Croissant TT Font</b>
<b>ARIAL KYRILL TT</b>	<b>CRUSADER TRUE TYPE FONT</b>
<b>Arial Narrow</b>	<b>CRYPE ERBE TYPE</b>
<b>ARIAL STEPP TT</b>	<b>CUPITO TRUE TYPE Font</b>
<b>ATHLETIC TT FONT</b>	<b>CYCLON TrueType</b>
<b>AVIATOR TRUE TYPE Font</b>	

## EPCwin TrueType Fonts 2

<b>DJ TRUE TYPE FONT</b>	<b>LUCIDA CONSOLE True Type</b>
<b>DODLE TRUE TYPE FONT</b>	<i>LUCIDA HAND True Type Font</i>
<b>DUNGEON STEPP TT FONT</b>	<b>MAGESTY TRUE TYPE FONT</b>
<b>EMPIRE STEPP TT</b>	<b>MAATHE STEPP TRUE TYPE</b>
<b>FENETRE True Type Font</b>	<b>MATTO TT</b>
<b>FUTURA TRUE TYPE Font</b>	<b>MICRO TRUE TYPE FONT</b>
<b>GEORGIA TRUE TYPE Font</b>	<b>MICROSOFT SS True Type Font</b>
<b>GOUL TRUE TYPE Font</b>	<i>MONOTYPE Corstva True Type</i>
<b>HERMAN TRUE TYPE</b>	<b>New Century TT Font</b>
<b>HOMeward BOUND True Type</b>	<b>NORMAN True Type Font</b>
<b>HOT STEPP TRUE TYPE</b>	<b>NORCHERD CRUE TYPE</b>
<b>HUMNST 777 True Type Font</b>	<i>Orégón II Font</i>
<b>IGLOO STEPP FONT</b>	<b>ORINAMENT TT</b>
<b>JOJO STEPP true type</b>	<b>PARIS TRUE TYPE Font</b>
<b>JOY TRUE TYPE FONT</b>	<b>PC TRUE TYPE FONT</b>
<b>KIMBALA TRUE TYPE Font</b>	<b>PIETRA TRUE TYPE FONT</b>
<b>KOCKLY TRUE TYPE FONT</b>	<b>PISTOLA TRUE TYPE FONT</b>

EPCwin TrueType Fonts 3

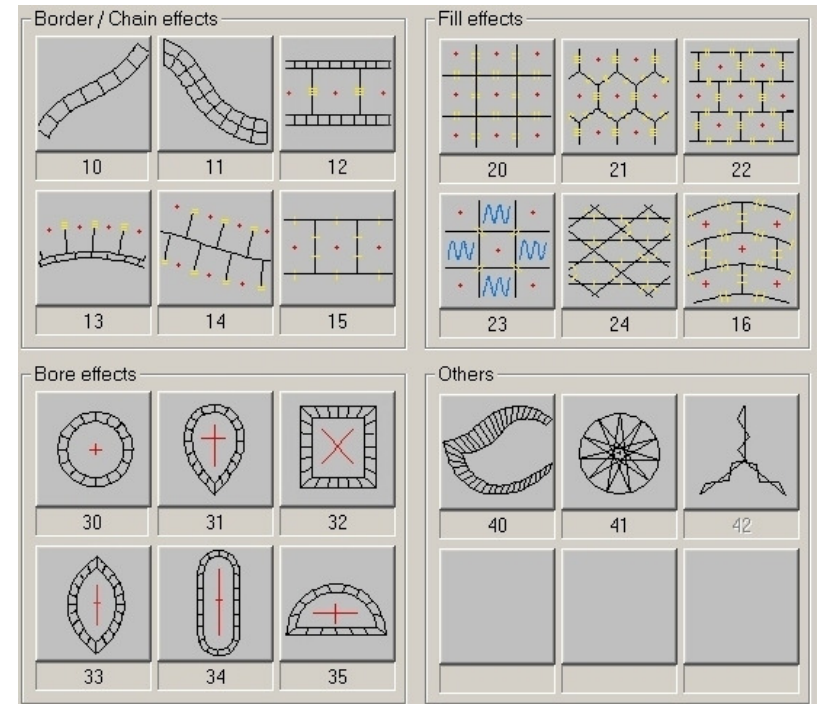
PLEASANT TRUE TYPE	TAHOMA TRUE TYPE FONT
POINTS TRUE TYPE FONT	<i>Teacher True Type Font</i>
POPTICS FONT	TERREMOTO TRUE TYPE FONT
POSTMA TRUE TYPE FONT	<b>TETRA TRUE TYPE FONT</b>
RACING TRUE TYPE FONT	CDOR TRUE TYPE FONT
ROBOTO TRUE TYPE FONT	<b>TIGER TRUE TYPE FONT</b>
RAPIDO TRUE TYPE	TIMES NR STEPPFÜLL
REDONDO TRUE TYPE Font	Times Bold (4-7mm)TT Font
RENFREW TRUE TYPE Font	<b>TIMES (7-10mm) TRUE TYPE</b>
SEAGY TRUE TYPE FONT	<b>TRIBU TRUE TYPE FONT</b>
<i>Schreibschrift 6 True Type Font</i>	<b>UNIVERSITY TT FONT</b>
SCULPTURE TRUE TYPE FONT	<b>VIDEO TRUE TYPE FONT</b>
SHADOW TRUE TYPE FONT	<b>VIVA TRUE TYPE FONT</b>
SIGLO TRUE TYPE FONT	<b>WATCH TRUE TYPE FONT</b>
SONIDO TRUE TYPE	<b>WAVY TRUE TYPE</b>
SPLASH TRUE TYPE FONT	<b>WONDER TRUE TYPE</b>
STARBURST FONT	
STRANGER TRUE TYPE FONT	

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 (bohrstaeffel, zugstaeffel, double zugstaeffel, zughoehl, bohrhoehl, stoffhoehl wabenhoehl, cross boll etc.)



- All automatic objects can be edited at any time by way of parameters and modified contours

**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.

**Languages**

EPCwin is supplied with the following dialog languages:

- German
- English
- Italian
- Spanish
- Turkish
- French
- Portuguese
- Chinese (GB 2312 Simplified)
- Chinese (Big5 Traditional)
- Korean

The online help for EPCwin is available in English and German.

**Please read the following note!**

**Windows user rights for the installation**  
**The EPCwin Software as well as the WIBU security software must be installed by an operator with administrations rights.**

**Windows user rights for the operation of the EPCwin**  
**The user account of the computer must have full Write – and Read authorisations for the EPCwin and EPCwinData folders.**

**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	
Processor	Intel Core i5 2,5 GHz	Intel Core i7 3 GHz AMD FX
Memory (RAM)	4 GB	
Hard disk	250 GB	500GB oder 128 GB SSD
CD-ROM for installation	24 speed	> 24 speed
Disk drive	1.44 MB <b>Drives connected via USB are incompatible (only DOS formats supported)</b>	
Graphics	simple Graphics card / 1 GB Gforce- AMD Radeon fanless for silent operation	
Monitor	Resolution 22" 1600 * 1200	Resolution 24" 1920 * 1200
Interfaces	USB 1.0 / USB 2.0 / USB 3.0 to connect WIBU-Dongle	
Operating system	Windows XP Pro <sup>*)</sup> Windows Vista <sup>*)</sup> Windows 7 <sup>*)</sup> <sup>*)</sup> 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 Intuos4A4 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>	