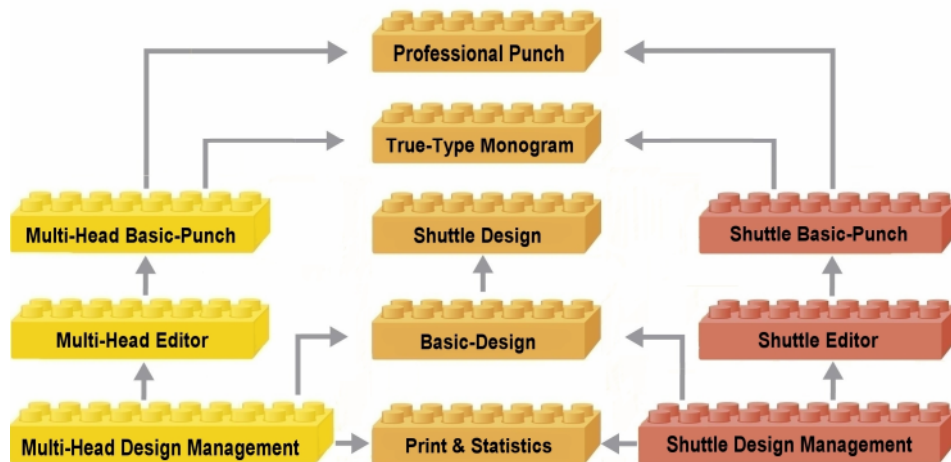


EPCWIN

THE HIGH-END SOFTWARE



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, pdf, png, 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



Options

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

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

EPCwin TrueType Fonts 2

0J TRUE TYPE FONT	LUCIDA CONSOLE True Type
BODLE TRUE TYPE FONT	<i>LUCIDA HAND True Type Font</i>
BUNGEON STEPP TT FONT	MAGESTY TRUE TYPE FONT
EMPIRE STEPP TT	MAYHE STEPP TRUE TYPE
FENETRE True Type Font	MATTO TT
FUTURA TRUE TYPE FONT	MICRO TRUE TYPE FONT
GEORGIA TRUE TYPE Font	MICROSOFT SS True Type Font
GOUL TRUE TYPE FONT	<i>MONOTYPE Corstoa True Type</i>
HERMAN TRUE TYPE	New Century TT Font
HOMeward BOUND True Type	NORMAN True Type Font
HÖT STEPP TRUE TYPE	NORCHERD CRUE CTPE
HUMNST 777 True Type Font	Qfégón TT font
IGL00 STEPP FONT	ORNAMENT TT
JOUE STEPP true type	PARIS TRUE TYPE Font
JOY TRUE TYPE FONT	PC TRUE TYPE FONT
KIMBALA TRUE TYPE Font	PIETRA TRUE TYPE FONT
KOCKLZ TRUE TYPE FONT	PISTOLA TRUE TYPE FONT

EPCwin TrueType Fonts 3

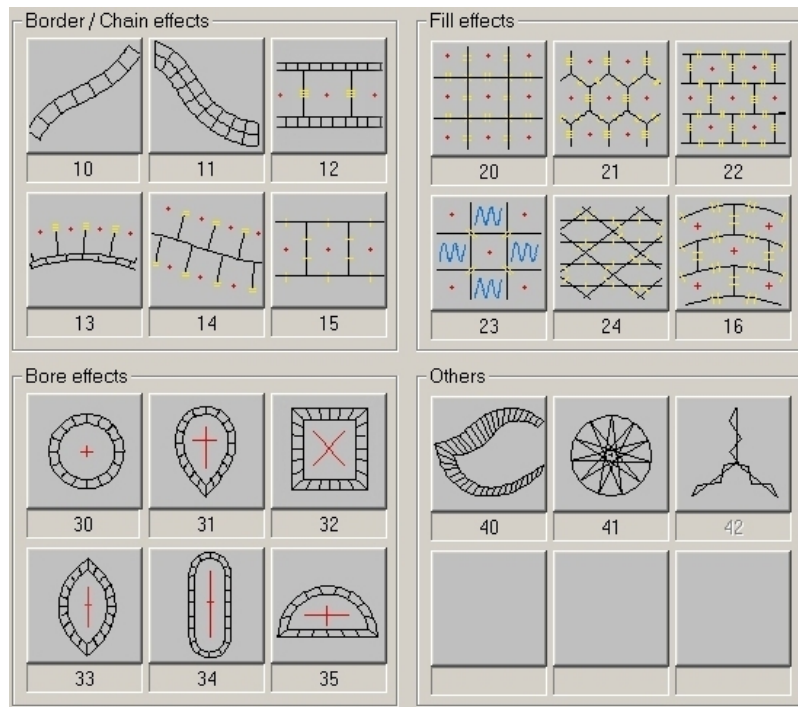
PLEASENT TRUE TYPE	TAHOMA TRUE TYPE FONT
POINTS TRUE TYPE FONT	<i>Teacher True Type Font</i>
POPTICS FONT	雙雙雙雙雙雙雙雙雙雙
POSTMA TRUE TYPE Font	TERREMOTO TRUE TYPE FONT
RACING TRUE TYPE FONT	TETRA TRUE TYPE FONT
000000000000000000	CDOR CRUE CTPE Font
RAPIDO TRUE TYPE	TIGER TRUE TYPE FONT
REDONDO TRUE TYPE Font	TIMES NR STEPPÜLL
RENFREW TRUE TYPE Font	Times Bold (4-7mm)TT Font
SEARV TRUE TYPE FONT	TIMES (7-10mm) TRUE TYPE
<i>Schreibschrift 6 True Type Font</i>	TRIBU TRUE TYPE Font
SCULPTURE TRUE TYPE FONT	URGENCY TT FONT
SHADOW TRUE TYPE FONT	VIDEO TRUE TYPE Font
SIGLO TRUE TYPE FONT	VIVA TRUE TYPE FONT
SOHBO TRUE TYPE	WATCH TRUE TYPE FONT
SPLASH TRUE TYPE Font	NAVY TRUE TYPE
STARBURST FONT	WONDER TRUE TYPE
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 3 GHz	Intel Core i7 3 GHz AMD FX 4300 3.8 GHz
Memory (RAM)	8 GB	
Hard disk	250 GB	128 GB SSD + 1 TB hard disk for data
Disk drive	1.44 MB Drives connected via USB are incompatible (only DOS formats supported)	
Graphics	simple Graphics card / 1 GB Gforce- AMD Radeon fanless for silent operation	
Monitor	Resolution 24“ 1920 * 1200	
Interfaces	USB 1.0 / USB 2.0 / USB 3.0 to connect WIBU-Dongle	
Operating system	Windows 7 ^{*)} Windows 8, 8.1 ^{*)} Windows 10 ^{*)} current service pack	
Scanner	TWAIN compatible	
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"> • Interactive pen display, e.g. Wacom Digitizer Cintiq 18SX • Network • Internet access (automatic update, online support) • CD burner for data backup 	



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