EPCWIN
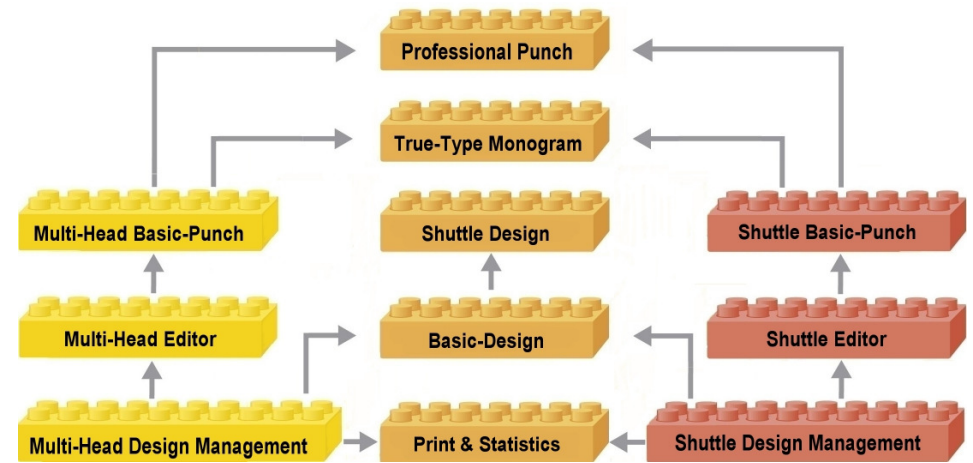
THE HIGH-END SOFTWARE

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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 al 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 Monograming

- 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 13 Objects in Areas
	PR 6 Definable Stitch-Sequences		PR 14 Curved Stepstitch Fill in Complex Areas
	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

EPCwin TrueType Fonts 1

AFRODI TRUE TYPE	AVION TRUE TYPE Font
AMAZE True Type Font	BAHAMAS TRUE TYPE Font
AMIGO TRUE TYPE Font	BIBLIO TRUE TYPE Font
Andele	BOOK ANTIQUA True Type
AQUA True Type Font	BRIDGE TRUE TYPE Font
ARBOL TRUE TYPE Font	BRUSH SCRIPT True Type Font
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	CRYPT TRUE TYPE
ARIAL STEPP TT	CUPITO TRUE TYPE Font
ATHLETIC TT FONT	CYCLON True Type
AVIATOR TRUE TYPE Font	

EPCwin TrueType Fonts 2

|	
DJ TRUE TYPE FONT	LUCIDA CONSOLE True Type
DODLE TRUE TYPE FONT	LUCIDA HAND True Type Font
DUNGEON STEPP TT FONT	MAGESTY TRUE TYPE FONT
EMPIRE STEPP TT	WAYNE 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	MONOTYPE Corsiva True Type
HERMAN TRUE TYPE	New Century TT Font
HOMEWARD BOUND True Type	NORMAN True Type Font
HOT STEPP TRUE TYPE	DORCHERD TRUE TYPE
HUMNST 777 True Type Font	Oregon TT Font
IGLOO STEPP FONT	ORNAMENT TT
Jolia Stopp True Typo	PARIS TRUE TYPE Font
JOY TRUE TYPE FONT	PC TRUE TYPE FONT
KIMBALA TRUE TYPE Font	PIETRA TRUE TYPE FONT
LOCKLY TRUE TYPE FONT	PISTOLA TRUE TYPE FONT

EPCwin TrueType Fonts 3

TAHOMA TRUE TYPE Font
Teacher True Type Font
TENDERLEAF TT
TERREMOTO TRUE TYPE FONT
TETRA TRUE TYPE FONT
TDOR TRUE TYPE Font
TIGER TRUE TYPE FONT
TIMES NR STEPPFÜLL
Times Bold (4-7mm)TT Font
TIMES (7-10mm) TRUE TYPE
TRIBU TRUE TYPE Font
Varsity TT FONT
VIDEO TRUE TYPE Font
VIVA TRUE TYPE Font
WATCH TRUE TYPE FONT
WAVY TRUE TYPE
Wonder True Type

PLEASANT TRUE TYPE
FONTS TRUE TYPE FONT
POPTICS FONT
POSTMA TRUE TYPE Font
RACING TRUE TYPE FONT
RADOODO
RAPIDO TRUE TYPE
REDONDO TRUE TYPE Font
RENFREW TRUE TYPE Font
SCARY TRUE TYPE FONT
Schreibschrift 6 True Type Font
SCULPTURE TRUE TYPE FONT
SHADOW TRUE TYPE FONT
SIGLO TRUE TYPE FONT
SONIDO TRUE TYPE
SPLASH TRUE TYPE Font
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.)
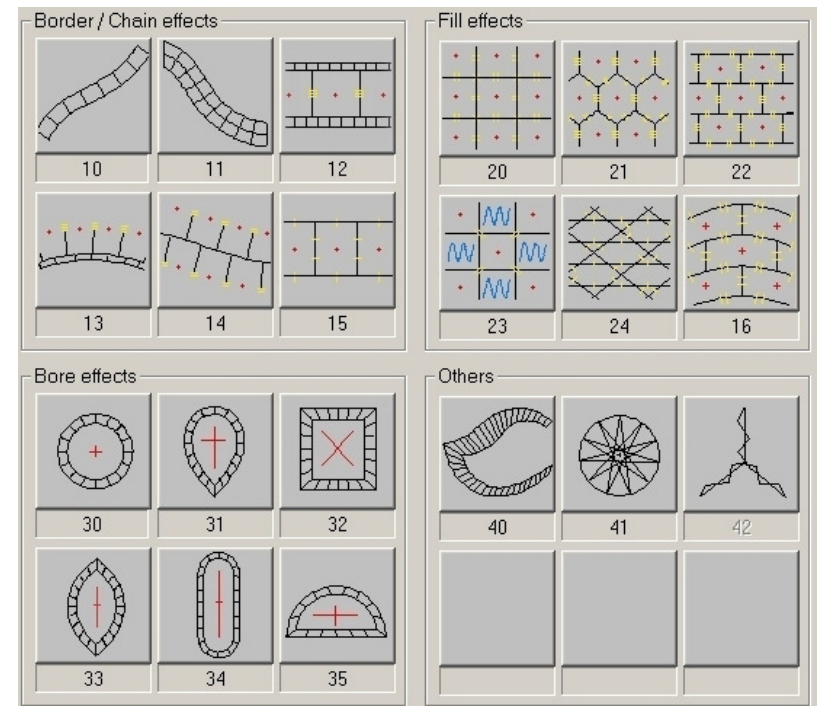
- All automatic objects can be edited at any time by way of parameters and modified contours

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 2 Duo 2 GHz	Intel Core 2 Duo 3 GHz Athlon X2 3GHz
Memory (RAM)	1 GB	2 GB
Hard disk	80 GB	500GB
CD-ROM for installation	24 speed	> 24 speed
Disk drive	1.44 MB **External drives connected via USB are incompatible**	
Graphics	3D graphics / 32 MB	3D graphics / 256 MB Gforce or ATI Radeon graphics cards
Monitor	Resolution 1024* 768	Resolution 1280* 1024
Interfaces	USB 1.0 / USB 2.0 to connect WIBU-Dongle	
Operating system	Windows 2000 [*)] Windows XP Pro [*)] Windows Vista [*)] [*)] 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 Intuos3 A4 with 5-button mouse and pen
Optional	• Interactive pen display, e.g. Wacom Digitizer Cintiq 18SX • Network card 10/100 MBit with BNC interface for networking with EPC UNIX • Internet access • CD burner for data backup	