

New features and resolved problems in update from version 1.10-01 to version 1.20-01

New features have been added to the following parts of the program:

- Help tools
- Editor
- Input/output
- Stitch programs

Some parts of the program from which existing problems have been eliminated:

- Center line
- Block
- Stitch direction markers
- Contour
- Editor
- Design manager
- Contour
- Graphic depiction



!! Important !!
!! Please read the installation instructions on page 2 !!

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How to install the EPCwin version 1.20-01 on my PC

Please follow the instructions according to your situation.

a) I do not have any EPCwin version on my PC

Please read the installation instructions on this CD.

Procedure:

- Please insert the installation CD.
- Install the EPCwin program.
- Install the EPCwin data structure.
- Install the WIBU-key dongle software.

b) My actual EPCwin version is 1.06-01 or greater

Installation instructions:

- Back up your design data as every day.
- Insert the installation CD.
- Select item 2 in the CD setup assistant:
EPCwin Update Software
- Install the EPCwin software.
- Select item 4 in the CD setup assistant:
Wibu Software
It is essential that you install the new version of the Wibu software!
- Install the Wibu software.
- Your system is now ready to operate again.

Note:

The passwords applicable to version 1.10-xx remain valid and do not have to be entered again. The demonstration period obtained with version 1.10-xx does not expire.

New features

Help tools

- The help tools have been extended and restructured
 - The new help tools consist of help lines, remarks and the familiar grid function. You can call them from the main menu or, at any time when working with the editor, design functions or punching, by pressing :h:.
 - You can position help lines horizontally, vertically or at an angle. You can also determine the color and length of the help lines.
 - You can position remarks anywhere in the design. The font is selected from those provided by the Windows operating system. You can stipulate the character height, line spacing and font color.
 - You can, of course, use the view tool to select and deselect the grid (G), help lines (H) and remarks (T) individually.
 - Tools provided by the edit box enable you to transform selected lines into help lines (and remarks) and vice versa.

Editor

- You can now move the edit box with the cursor keys. In case of a numeric input, the value is now entered with two places after the decimal point.
- With the parallel function provided by the Editor you can now generate several lines parallel to design lines at once, each with the same spacing. This function also allows you to deselect automatic corner definition.
- The dialog that follows the selection of *Total design* allows you to select the individual design levels (drawing, punch data, help lines and remarks) that are to be taken into account.
- After you have copied a block with :F2: in the edit box, you can now activate *View* with :F2: before moving the copy with the edit box.
- The block list can now be called in the editor with :F: and closed with the ESC key/middle mouse button.

Input/output

- You can now select a design directly from disk by double-clicking.
- The copy disk function has been extended to embrace the ZSK old, Barudan FDR III, Barudan FMC and Fortron formats as well.
- When a design is written to a disk with the ZSK old format, the access number is now output.
- Images are now depicted after scanning and other operations that involve storing an image.
- When the parameters are backed up, a subdirectory indicating the date (e.g., EPCwin_BackupParameter_11_11_2002) is automatically created in the selected target directory.

Stitch programs

- In program 33, monogram, you can now determine whether a stitch is to be inserted in the middle of the connection between two letters. The purpose of this function is to mask the connection stitch.
- Stitch direction markers entered in programs 1-6 are automatically trimmed so that they lie exactly between the two outer contours.
- When selecting a program, the list of used programs and parameter sets is now filtered so that each set appears only once.
- A new input sequence now applies to TrueType monograms in a design. You now enter the distribution line first, then the parameters, then the text.
- In programs 2 and 20 a stitch length of up to $999 \frac{1}{10}$ mm can now be selected.
- When entering satin stitch, you can now enter additional stitch direction markers with :F6:, in case you have omitted any, before determining the end point.
- If a *Check repeat jump* is performed in *Check design*, the design is now automatically redrawn so that you can examine it immediately.
- Designs containing up to 600,000 stitches, 6000 special functions, 4000 objects and 2000 block marker can now be processed.



Eliminated problems

Center line

The center line function for satin stitch has been thoroughly revised in the new version to enable it to run much more smoothly. In the past minor program defects impaired working with what is an essentially good function. We have eliminated these problems from the new version, so that you once again have full access to this key function.

- The parallel (line) function has been improved; in particular, the opening point can no longer be incorrectly set with closed objects.
- The generation of stitch direction markers has been improved:
 - Miter corners are inserted automatically if, because of the shape of the curve, normal approach corners cannot be executed.
 - Disruptive stitch direction markers are no longer placed in segments between two corners that are especially short.
 - If corner stitch direction markers cannot be created for certain reasons, you can now enter them manually afterwards.
 - It used to be possible for automatically generated stitch direction markers to be placed on ones that were entered manually. This is no longer the case.
- Center line now allows the density to be edited before the end point is entered without blocking the system.
- If, with center line, a start/end stitch direction is selected when entering the end point and the editor indicates the occurrence of a fault, the editor is no longer blocked.

Block

- If you abort the movement of a block with the edit box, the design data are now reset correctly.
- When blocks are being read in, a descriptive error message is now issued to explain why a block could not be read in: e.g. "Too many marker", "Too many special functions" or "Too many objects".
- You can determine the mirror axis point exactly by snapping.
- A message is issued if monogram objects are stretched. They are no longer automatically converted to manual stitches.

Stitch direction markers

- The marking for an approach or miter corner is now retained once it is entered.
- If a fault prevented calculation of a satin stitch object and you sought to resolve the problem, typically by deleting or moving a stitch direction marker, pressing :Return: did not immediately initiate a calculation. The calculation is now performed straight away.
- Defective stitch direction markers are now displayed correctly.
- An error message indicating defective stitch direction markers is now issued in the assistant as well after entering.
- If you inadvertently pressed :ESC: when entering stitch direction markers in a satin stitch object and then selected "No" in response to the inquiry "Do you really wish to delete the object?", the EPCwin used to block.
- In case of intersecting stitch direction markers, the editor no longer jumps to the design start point when you seek to eliminate the fault.

Editor

- Aborting the input of a sequence of stitches gave rise to faulty reference data in the current design. This problem has been eliminated.
- Percentage editing of the stitch distance in the global editor is now effective with objects in program 31 as well.
- In some circumstances in the past the contours could be opened in program 10, so that the object could no longer be calculated.
- When the cross stitch grid parameters are entered, the grid cell size is now updated.
- Moving the grid did not operate properly in program 12, cross stitch. This problem has been eliminated.
- In some circumstances centering the object in the editor did not work. This was the case if an error was detected in the data after the reference data had been recorded.
- In program 20 the correct PS is now displayed for each auxiliary line.

Contour

- Creating contours: if a line was snapped with both ends to another line, inserting reference points sometimes caused the contour to be curved in the wrong place.
- When creating contours, a point is no longer inserted when a complete line is accepted.
- Snapping in the vicinity of an intersection of two lines sometimes caused a crash.

Disk

- A message is now issued if a disk is not formatted when it is being written.
- When loading data from disk, the standard design head is now taken into account.
- When a design is being written to a Tajima disk, the maximum stitch length is set to $121 \frac{1}{10}$ mm. If the maximum stitch length exceeded $121 \frac{1}{10}$ mm, an offset arose when the design was output.
- The offset problem associated with SF 60/61 and automatic jump stitch on/off has been eliminated.

Design manager

- Compressed reference data can now be loaded via the network as well.
- When sorting by date, due regard is now paid to the time as well.
- Punch data are now correctly deleted from the directory.
- EPCunix directories with up to 30,000 (formerly 10,000) entries can now be processed.

Graphics

- Markers are now drawn as well when redrawing with :F5: in the punch module.
- The icon illustrating the current basic geometric form now disappears when you exit the geometry function.
- The last special function in the design no longer disappears from the stitch list if it is followed by only a single stitch.
- If you start a new object in the punch module and then abort it, an ugly line no longer remains.
- Design lines are no longer drawn in the repeat or reference data color if repeat view is selected.
- Switching from punch to design with :F8: and then to the editor with :F6: no longer gives rise to an ugly line.

Other revisions

- Calculation of the design size has been revised. This is relevant with the printing and design head functions. In the design head the design size takes account of design lines only. Remarks and help lines are excluded. When printing, the zoom factor is now calculated only with the visible data in case of size adaptation.