Wilcom TrueSizer e3 Desktop

Release Notes
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What is Wilcom TrueSizer

Wilcom TrueSizer e3 is a free universal file conversion tool offering full compatibility between industrial and domestic embroidery file formats, as well as full design scalability. It allows you to view, modify, read and convert, and output high quality embroidery through its easy-to-use commands and tools. Based on the same core software as Wilcom's acclaimed professional embroidery design software, TrueSizer provides the same unique advantages of the 'all-in-one' EMB file format.

In brief, TrueSizer allows you to:
- Open native Wilcom EMB files
- Read and convert many popular industrial and home expanded/condensed file formats
- View designs in TrueView and normal stitch view
- Scale designs
- Email EMB files direct
- Print out production worksheets
- Make sales presentations and sales printouts
- Save designs in Wilcom EMB format
- Save designs in many industrial and home expanded machine formats
- Output to embroidery disk
Note: If you want to do more with your EMB designs, you can easily upgrade. Just register your copy of TrueSizer online and order upgrades for Wilcom’s professional range of embroidery design products. See links at the bottom of the document.

The EMB advantage

Do you receive designs from digitizing centers or embroiderers? Do you send designs to embroiderers or production houses? If so, Wilcom EMB is the embroidery file format for your day-to-day needs. More professional designs are created in EMB than any other. The EMB ‘all-in-one’ format provides these distinct advantages:

Scale EMB designs

Native EMB designs can be easily resized, maintaining all special effects and fills that the digitizer put in the original. Stitches are recalculated from the original outlines – for guaranteed results.

Email EMB files direct

Send designs to your customer or partner embroidery company in the original EMB format. EMB format can be sent quickly by email and nothing else is required. Everything is saved in the one file – stitches, colors, production instructions, design outlines.

Print out production worksheets

EMB files contain all details necessary to create detailed production worksheets. All color sequence information is saved in the EMB file.

Read and convert many popular file formats

EMB files can be readily converted to other formats so you don’t have to switch back and forth between different programs.

Guarantee quality of the final stitchout

Because EMB format combines original outlines (condensed data) with the full original stitch data, customers will receive designs exactly as they were created – complete with any fine-tuning stitch edits that may be included. They can still resize the design from the original outlines with guaranteed rescaling. No confusion switching between multiple expanded and condensed files.
What’s new in Wilcom TrueSizer e3

The release of Wilcom’s e3 suite of embroidery and multi-decoration Computer-Aided Design and Manufacturing solutions brings with it the following improvements to Wilcom TrueSizer e3. Upgrade now and enjoy the following advantages …

Read & write Wilcom EMB e3 file format

- Support for multi-decoration design elements
- Thumbnails also include multi-decoration objects
- Extra-large TrueView thumbnails
- Improved Windows Explorer Preview
Selection of free designs

TrueSizer is installed with a selection of free designs.

View multi-decoration EMB designs

View designs containing embroidery and other multi-decoration elements.

Selectively display embroidery with or without multi-decoration including:

- Bling
• Vector graphics
• Bitmap images
• Applique fabrics
• Multiple colorways from EMB files

**Improved design viewing**

• Enhanced Slow Redraw in TrueView
• New ‘Rulers & Guides’ display
• Toggle Metric or Inch measurement display
• Display embroidery machine function symbols

• View multiple colorways of an EMB design.
Improved design-manipulation

- New ‘Mirror by Reference Line’
- New ‘Transform by Reference Line Numerically’
- New ‘Transform by Reference Line Freely’

Improved production worksheets

- Print barcodes in production worksheets
- Print company logos and customer names
- Configure print fonts and margins
Re-size & convert many object formats

- Re-size all versions of Wilcom-supported object-based design files, including:
  - Wilcom EMB
  - Bernina ART
  - Janome JAN
- Save Wilcom EMB designs version e3, e2, e1.5, e1, V2006
- Convert to & from many machine stitch formats

Improved user interface

- Improved organization of menus and toolbars
- Bigger brighter icons
- Enhanced tooltips

![Image of improved user interface]

Improved software support

- Windows 7, 8 compatibility
- Easy delivery and installation of software updates online
- Help links to Wilcom website and Embroidery Startup.com
- Display ‘My Product’ information from Help menu
- Digitally signed TrueSizer installation setup from Wilcom

Free companion app Wilcom TrueSizer

- Read, re-size, and convert designs online from your browser
- No software to download – just use your web browser
- Works with Macs, iPad, Android tablets, as well as PCs
- Share files with free MicroSoft SkyDrive cloud storage
Why not make your own EMB files?

- For easy embroidery and multi-decoration design, use DecoStudio e3
- For lettering and monogramming, use EmbroideryStudio e3 Lettering
- For editing out-sourced designs and lettering, use EmbroideryStudio e3 Editing
- For professional embroidery and multi-decoration design, use EmbroideryStudio e3 Designing

For more information on these and other Wilcom products, visit http://www.wilcom.com today.

Supported file formats

Wilcom TrueSizer supports both native Wilcom EMB file formats and third-party stitch file formats.

Embroidery file types

Embroidery files fall into two broad categories: outline or ‘design’ files, and stitch or ‘production’ files:

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Object file</td>
<td>Object files are high-level digitizing system CAD formats which contain object outlines, object properties and in Wilcom’s case, also stitch data. When you open an original digitized design file in Wilcom TrueSizer, it can be accurately resized while preserving the original stitching effects and correct densities.</td>
</tr>
</tbody>
</table>
Stitch file

Stitch or ‘expanded’ designs are low-level formats for direct use by embroidery machines. They contain only stitch coordinates and machine functions. Stitch files are generally not suited to resizing. Because the stitch count does not change, the density increases or decreases with the design size. Thus you should scale stitch designs by no more than ±5-10% because the densities scale by the same amount.

Object file formats

Apart from native EMB file format, Wilcom TrueSizer also supports the following outline (design) file formats.

<table>
<thead>
<tr>
<th>Format</th>
<th>Brand</th>
<th>Description</th>
<th>Read</th>
<th>Write</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMB</td>
<td>Wilcom</td>
<td>All versions of EMB up to and including ES e3</td>
<td>●</td>
<td>●*</td>
</tr>
<tr>
<td>EMT</td>
<td>Wilcom</td>
<td>All versions of EMB up to and including ES e3</td>
<td>●</td>
<td>●*</td>
</tr>
<tr>
<td>INP</td>
<td>Wilcom</td>
<td>Native DOS outline file format of Wilcom Computer Embroidery Design software</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>ART</td>
<td>BERNINA</td>
<td>All versions of Artista design files from V1 to V6</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>AMT</td>
<td>BERNINA</td>
<td>All versions of Artista templates from V1 to V6</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>CND</td>
<td>Melco</td>
<td>Outline or ‘condensed’ file format native to Melco machines – no stitch data</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>JAN</td>
<td>JANOME</td>
<td>All versions of JANOME Digitizer design files to V4</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>JMT</td>
<td>JANOME</td>
<td>All versions of JANOME Digitizer templates to V4</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>GNC</td>
<td>Great Notions</td>
<td>Outline file format – no stitch data</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>PCH</td>
<td>Gunold APS</td>
<td>Outline file format – no stitch data</td>
<td>●</td>
<td></td>
</tr>
</tbody>
</table>

^ EMB files can be saved back to and including ES2006  * EMT can only be saved to ES e3 format

Commercial stitch file formats

Wilcom TrueSizer supports the following commercial stitch (production) file formats.

<table>
<thead>
<tr>
<th>Format</th>
<th>Brand</th>
<th>Description</th>
<th>Read</th>
<th>Write</th>
</tr>
</thead>
<tbody>
<tr>
<td>10O</td>
<td>Toyota</td>
<td>Stitch file format native to Toyota machines</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>BRO</td>
<td>Bits &amp; Volts</td>
<td>Contains information about stitch arrays</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>DSN</td>
<td>Nova</td>
<td>Older stitch file format</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>DST</td>
<td>Tajima</td>
<td>Stitch file format native to Tajima machines, with ternary stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>DSB</td>
<td>Tajima</td>
<td>Like DST but with binary data as used on Barudan machines</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>DSZ</td>
<td>Tajima</td>
<td>Like DST but with binary data as used on Zangs/ZSK machines</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>EMX</td>
<td>Wilcom</td>
<td>Cross stitch data file</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>ESD</td>
<td>Wilcom</td>
<td>Wilcom DOS data file</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>EXP</td>
<td>Melco</td>
<td>Stitch or ‘expanded’ file format native to Melco machines</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>INB</td>
<td>Inbro</td>
<td>Inbro machines native stitch file</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>KSM</td>
<td>Pfaff</td>
<td>Pfaff stitch file format</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Format</td>
<td>Brand</td>
<td>Format</td>
<td>Read</td>
<td>Write</td>
</tr>
<tr>
<td>--------</td>
<td>-------</td>
<td>--------</td>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>STC</td>
<td>Gunold APS</td>
<td>APS stitch file format</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STX</td>
<td>Datastitch</td>
<td>Contains information about stitch arrays</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAP</td>
<td>Happy</td>
<td>Happy machines native stitch file</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TBF</td>
<td>Tajima</td>
<td>TBF (Tajima Binary Format) file format holds needle-addressing information for Tajima needle-addressing capable machines.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U??</td>
<td>Barudan</td>
<td>Stitch file format native to later model Barudan machines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z??</td>
<td>ZSK TC</td>
<td>Native ZSK stitch file</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Home stitch file formats**

Wilcom TrueSizer supports the following home stitch file formats.

<table>
<thead>
<tr>
<th>Format</th>
<th>Brand</th>
<th>Format</th>
<th>Read</th>
<th>Write</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARX</td>
<td>Artista</td>
<td>Cross stitch data file</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>CSD</td>
<td>Poem / Huskygram / Singer EU</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>EXP</td>
<td>Bernina</td>
<td>Contains stitch data and color information</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>HUS</td>
<td>Husqvarna / Viking</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>JEF</td>
<td>Janome / Elna / Kenmore</td>
<td>Contains stitch data and color information</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PCD</td>
<td>Pfaff</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PCQ</td>
<td>Pfaff</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PCS</td>
<td>Pfaff</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PEC</td>
<td>Brother / Babylock / Deco</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PES</td>
<td>Brother / Babylock / Deco</td>
<td>Contains stitch data and color information</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PMU</td>
<td>Proel</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PUM</td>
<td>Proel DOS</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>SEW</td>
<td>Janome / Elna / Kenmore</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>SHV</td>
<td>Husqvarna / Viking</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>VIP</td>
<td>Husqvarna / Viking / Pfaff</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>VP3</td>
<td>Husqvarna / Viking / Pfaff</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>XXX</td>
<td>Compucon / Singer</td>
<td>Contains stitch data</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>
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For support or troubleshooting, see Onscreen Help.