patternPRO Design & Nesting Software

Eastman’s patternPRO design and nesting software is a comprehensive set of tools to help you design pattern pieces from the start with the program’s drafting and editing tools, or even edit and finalize your existing digital patterns, all within the same easy-to-learn interface.

patternPRO - PDS (Pattern Design Software)

- Eliminate hundreds of manual steps in the design process with a superior design experience
- Visualize measurements of different styles and gain control of internal features such as notches, buttons and drill holes
- Draft pieces from scratch, digitize existing hard-copy patterns, or even edit and finalize existing digital patterns
- Walk a pattern while you correct the shape, add or adjust details and import patterns with every layer intact
- Create your own working environment with movable toolbars
- Quick access to your most heavily-used functions without ever needing to access a menu
- No hardware lock-in, including importing and exporting to and from all major CAD formats
- Optional features for darts, seam allowance, special corners, advanced measurement techniques, pleats, curves and facings, are all fitted to trade, to meet the needs of customers across a wide range of product and style types

- Merge Style Files
- Merge CAD Files
- Draft tool
- Extend internal line
- Trim Half tools
- All Rotation and flip
- Join Pieces
- Measurements
- Align points
- Scale and shrink
- Piece-to-hole/hole-to-piece
- Tracing piece
- Build piece
- Create and cut parallel
- Round corner
- Create a notch
- Create a button
- Buttons on a line
- Save as PDS and DSN
- Batch
- Arrange to plot
- Digitizer
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**patternPRO - Mark**
- Nest++
- All flip & rotation tools
- All shooting and adjusts
- Internals dialog box
- Cut order view
- Optimize cut order
- Global Change internal Parameters
- Export to CAD
- Regular 2D CAD import
- Plot to Eastman
- Plot to basic plot format
- Print minimarker
- Full access to preferences and view options

**patternPRO - Nesting**
Choose Between Three Levels to Improve Your Fabric Usage Efficiency

**Basic (Nest++)**
Save valuable time over manual nesting with basic automated nesting. Included as standard.

**Advanced (Nest++2)**
Raise efficiency by up to 2.5% compared to using Nest ++

**Professional (Nest++Pro)**
Increase efficiency up to 3.5% higher than possible with Nest ++

Example Results

<table>
<thead>
<tr>
<th>NESTING LEVEL</th>
<th>EFFICIENCY</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nest ++</td>
<td>90.00%</td>
<td>10 minutes</td>
</tr>
<tr>
<td>Nest ++ 2</td>
<td>92.50%</td>
<td>10 minutes</td>
</tr>
<tr>
<td>Nest ++PRO</td>
<td>93.50%</td>
<td>10 minutes</td>
</tr>
</tbody>
</table>

- Achieve the maximum material efficiency in each marker
- Control the application’s runtime for faster results
- Schedule “nesting queues” that generate multiple nests overnight in unattended operation
- Obtain precise cost proposals for clients, during price negotiations
- View data in spreadsheet format for easy comparison of efficiency, marker lengths, widths and process times

**patternPRO - Import Compatibility**
Available within PDS and Mark
- Gerber Cutter
- DXF
- AAMA
- ASTM
- CADL
- DFT

**Optional Converter Modules**
- Gerber converter
- Lectra converter
- Investronica converter
- Micro converter
- IGES

**patternPRO - Optional Items**
- Additional seats, Network Keys
- nest++2
- nest++PRO
- Grade Module
- Match++
- 3D Flattener (3D to 2D)