What’s new in i-cut Layout 12
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1. Cutting output optimizations

For guillotine type layouts, cutting times will be reduced dramatically on the table when applying **line sequencing**. Since *i*-cut Layout 10.1, double lines were already removed, but the job would still be finished rectangle per rectangle on the table. With this new option, the order of the cutting lines will be resorted to minimize knife lifts and idle movements.

![Cutting File Set...]  

All optimizations will now also be applied on PDF cut files.
2. Tiling improvements

Based on users’ feedback, a lot of changes have been implemented in the tiling tool.

① Moving tile edges is now possible in an interactive way
   - Select the tile edge by clicking on it with the cursor
   - Click and drag the edge to the desired position

② Gaps can be inserted in different directions
   - All tile edges can now also be selected at once through configurable shortcuts

③ When selecting a single tile, it’s now possible to set the height and width, not just the position of the tiles’ edge
2. Tiling improvements

4. When changing the width of a tile, this will influence the size of the adjacent right tile. Making a tile smaller, will make the one to its’ right wider. When changing the width of the right-most tile, the adjacent left tile will get changed.

i. Creation of pop-up walls, where typically the first and last tile are smaller, is now a lot easier. Create 3 tiles, adjust the size of the first and last one, finally split the middle one over the desired amount of (equal sized) tiles.

5. You can now select multiple tiles by clicking and dragging over them.

6. Tiles can now overlap on both sides.

i. Instead of assembling the total image from end to end, 2 people can work from center out and finish the job twice as fast.
3. Tiling templates

Often working on tile jobs that require the exact same setup?
Create the setup once (including overlaps/gaps and marks) and store it centrally as a template.
Save hours by simply applying the correct template on any future job.

ℹ️ It’s also possible to automatically scale the selected files’ dimensions to the grid size used in the template, in case they wouldn't match exactly. A balloon help will reflect the applied scale factor.
4. Tiling reports

Another nice improvement to the tiling module, is the ability to create assembly reports, A4 or US letter-sized.

These reports contain a preview image of the total job with the tile edges, the assembly order and the total dimensions. Followed by a preview of each tile with its dimensions. Overlap areas will be highlighted whenever available.

These will be saved as a PDF in a user definable folder, when the Create tiles button is clicked.
5. Extended scaling options

Files can now be scaled by entering the final dimensions, even non-proportional.

Click the scale link to open a new dialog, allowing to scale graphics by applying a scale factor or by entering their final size. Unlock the chain to change dimensions non-proportionally.
6. Miscellaneous

① SmartMarks – Eyelet mark

New option to duplicate the marks in the hem, so they can get fixed either from the front or back fold of the banner.

Possibility to place marks only on top & bottom or left & right side of the banner.
6. Miscellaneous

2. SmartMarks – i-cut Marks

New option in barcode to use a **time stamp** in the name, to make it unique, as the code is restricted to 11 characters. The corresponding i-cut file will no longer be clipped after 11 characters, but contain the entire file name.

New option to give the barcode an **offset**. When attached around the job, this offset can prevent the marks in front of the code of getting too close to the marks around the job. When attached to the sheet, this offset can prevent the barcode of getting only partially printed.
6. Miscellaneous

③ Guillotine nesting
   It’s now possible to set vertical and horizontal gutters independently.

④ ARD import
   The i-cut Layout base module now allows to load ArtiosCAD native structural design files.