Pre Press_2019 Instruction.

The extension was created to automate and speed up the work in the printing house. It allows you to easily mark the eyelets on the graphic or weld, add different finishing for each edge of the document individually and automatically save the file to the flattened tiff file format. Thanks to the built-in options you can decide whether the action should be performed for all the open files in Photoshop or only for one of them. Use the option to automatically open multi-page PDF files with the adjusted resolution required for printing. Save files with a single click to a previously selected folder and create reduced previews for your client. At the same time, process files of various sizes and resolutions to speed up your work. Prepress also has a file dividing function. Choose to how many parts should the file be divided to or choose the desired width of the part, add a common tab and automatically mark the passers on the binding of the parts. Customize the extension to your needs using the configuration panel. Change the width of the welds, the colors of the passers, the eyelets, the offset from the edge, the way of cropping PDF files and the compression of the TIFF record.

After installing with the Adobe Desktop app, the panel will be available in Window / Extensions / PREPRESS_2019.

The configuration process and description of the "CONFIG" tab.

In this section you can adjust the parameters to the method of processing files used in your printing house. Options changed in the panel **are saved only after clicking the "SAVE SETTINGS" button**. Each saved setting is automatically loaded when you start the extension. Please note that units must consist of numbers, the unit of measure in the panel is CENTIMETERS, the font used is MyriadPro-BoldCond.

1. Width of welds.

Standard - width of the standard weld.
Wide - width of the wide weld.
Double(s) - the width of the first standard weld, then the standard weld is added .
Double(w) - width of the first wide weld, then the standard weld is added.

2. Width of welds for tunnels.

For tunnel <= 6 = width of the weld for a tunnel less than or equal to 6CM.
For tunnel > 6 = width of the weld for a tunnel larger than 6CM.

The width of the tunnels in the panel should be given as flat. To convert the particular tunnel diameter to flat values you can use:

Diameter 1CM = 2CM flat.
Diameter 2CM = 3.5CM flat.

Diameter 3CM = 5CM flat.
Diameter 4CM = 6.5CM flat.
Diameter 5CM = 8CM flat.
Diameter 6CM = 10CM flat.
Diameter 7CM = 11.5CM flat.
Diameter 8CM = 13CM flat.
Diameter 9CM = 15CM flat.
Diameter 10CM = 16CM flat.

For example, with the default settings, specifying 8cm in the Tunnel finishing, 8cm (width of the tunnel as flat surface)   will be added to the dimension of the selected edge of the file + 4CM for the weld.

3. Enlarging the files during finishing.

Enlarging the files for weld - enlarges the file by the given value for the need of the finishing taking into account the welds.

Enlarging the files for cutting to size - if the bleeds have not been given previously eg by the customer, here you can add them by enlarging the entire file.

4. Marks on the welds.

Refers to FINISHING/WELD/WELDS.
The selected value affects the offset from the edge at the welds (the eyelet is always marked in the middle of the weld but you can move it from the edge by the given value).

Refers to FINISHING/CUSTOM.
If there is a tunnel on one of the edges, the eyelets are being moved as priority so that they are located at the weld of the tunnel.

5. Marks on graphics.

Refers to FINISHING/OTHER/MARK EYELETS ON THE GRAPHICS.
The entered values affect the offset of the marker from the edge and / or to the center of the graphic.

6. Colors.

Color of dots = color of marks on welds and graphics.
Color of passers = color of passers on divided parts
Components of deep black- color components that will be poured using the "black" button.

7.   PDF and TIFF options.

These functions determine how to **crop** PDF files when opening and how the TIFF files would be **compressed** when saving.

8. Paths.

The function adds the path to the folder from which you want to open files, as well as to the folder where you want to save. **If you enter an incorrect path for the save file folder, the option will be unavailable.**

Description of the "TOOLS" tab.

1. Open files, open files 1to10.

This function opens all files in the selected folder with the extension, jpg, jpeg, tiff, png, pdf. In addition, **all pages with automatically set resolution for printing depending on the page dimension are opened in PDF files**. Options for opening PDF files can be set in the configuration section. "Open 1:10" function is to be used for PDF files saved in 1:10 scale, they will be opened and immediately re-scaled to 1:1.

2. Scale 1to1, scale 1to10.

The function will change the scale of files to 1:1 or 1:10. All scripts in the program work on a 1:1 scale and the unit of measure is centimeters.

3. Save, preview.

Saves the file to the flattened tiff with the compression selected in the configuration section. By selecting "Sequence" all open documents will be saved to the folder selected earlier in the configuration section.   The **preview** will save the files in the compressed JPG with a lower resolution and will add   "_PREV" note to the name.

4. Black.

The function pours into the previously selected selection components which have been entered in the configuration section under "Deep black".

Description of the „TREATMENT" tab.

1. Welds.

By selecting this tab, you can add welds globally for the entire processed file.

Weld = a standard weld will be added all around.

Wide weld = wide welds will be added all around.

Double weld = double welds will be added all around. First weld 3.5CM wide, second weld 2.5CM wide (or according to what was set in the configuration section).

Double wide weld = double wide welds will be added all around. First weld 4CM wide, second weld 2.5CM (or according to what was set in the configuration section).

2. Tunnels.

By choosing this tab you can mark what tunnels will be added to the file.

3. Custom.

This feature can **prepare each of the edges of the document in a different way.** The marks on the welds in this case will be moved from the edge in such a way that they will be positioned on the weld (this is important for tunnels where a badly stuck eyelet can close the tunnel).

4. Cutting to size.

This function is suitable if the file requires only **cutting to size** or adding **only the description**. Descriptions are reduced so that they are not cut off, but with many characters and small file sizes, it can be left outside the workspace.

In each of these options you can select "**SEQUENCE**" to apply the finishing to all open files, and "**ADD DESCRIPTION**?" to add descriptions on the welds. The number will also be added to the name: "00001, ZP1,01,2019", which can be freely changed (it can be, for example, the order number of the currently prepared file).

5. Dividing.

Add rulers//quantity = adds auxiliary rulers with the selected tab to a specific **number of parts**.

Add rulers//width = adds auxiliary rulers with the selected tab to a specific **width of the parts**.

Divide//number of parts = adds auxiliary rulers and **divides the file according to the selected number of parts.** Each part has an added passer in place of the tab and is stored on a separate numbered layer.

Divide//width of parts = adds auxiliary rulers and **divides the file according to the selected width of the parts**. Each part has an added passer in place of the tab and is stored on a separate numbered layer.

Crop to content = the divided file with layers can be saved to separate files and then crop to the content using this function. The export of layers to a file can be done using the built-in option in Photoshop "Export Layers To Files".

6. Other.

Select the eyelets on the graphic = this function marks the eyelets on the graphic. The entered values in the configuration panel affect the movement of the marker from the edge and / or to the center of the graphic.

Mark passers = this function adds passers to your work. The entered values in the configuration panel affect the offset of the passer from the edge and / or to the center of the graphic. Through the "ADD ONLY IN THE CORNERS" option, you can place the passers in the corners only. By selecting "ADD RESIZE?", The file will be enlarged by the value entered in the configuration panel in "RESIZE AT CUT TO SIZE:".

Test version:

In the trial version, some options are set automatically.

Values entered by the user are ignored.

Eyelets will always be marked every 30.

The **tunnels** will always be 5.

The files will be divided into 50cm-wide parts with a 2cm overlap on the right, or on 3 parts with a 2cm overlap on the right.

PDF files will be opened with a resolution 10 times smaller than the one that will be available in the full version.