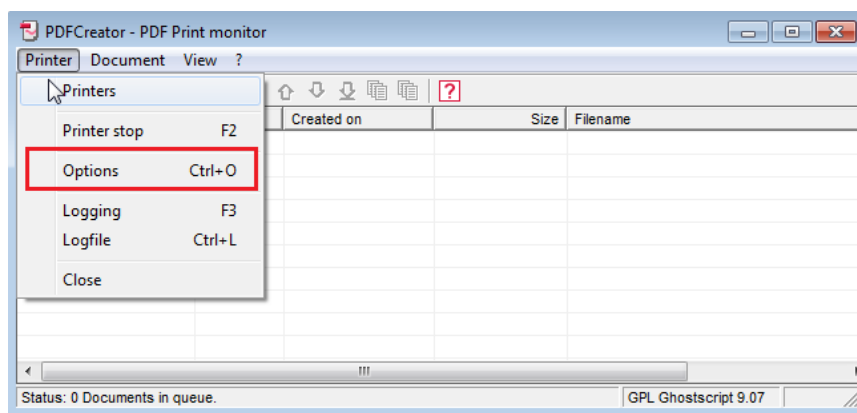




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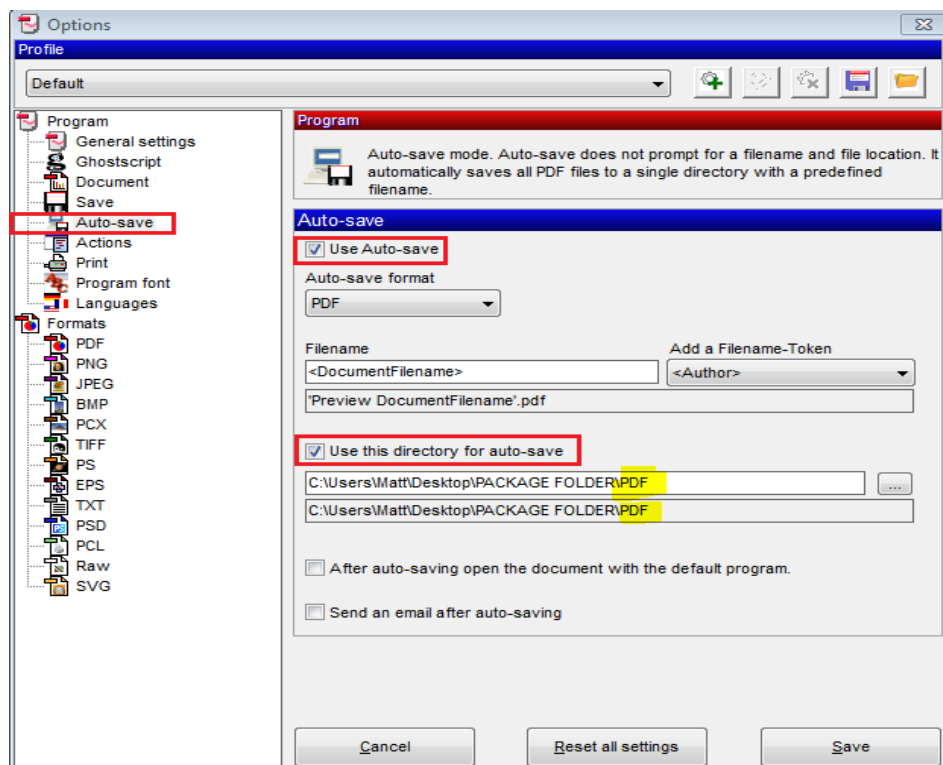
## I. PDFCreator 1.7.0 Folder Configuration

1. Open PDFCreator 1.7.0
2. Open **"Printer" > "Options (Ctrl+ O)"** shortcut.

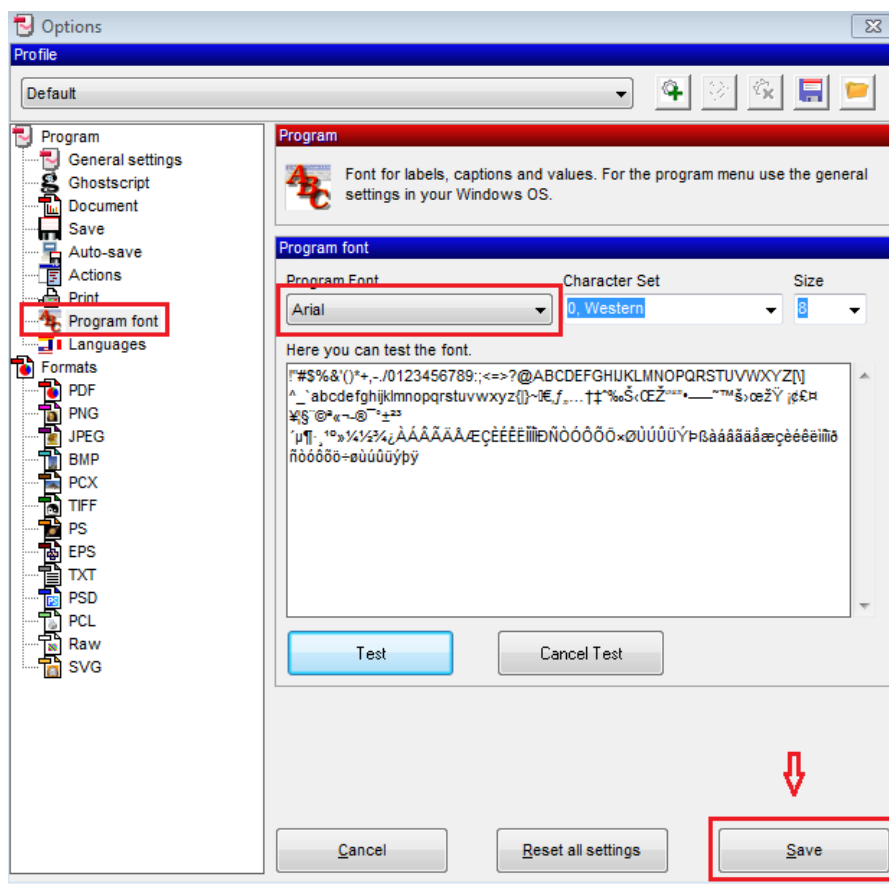


3. Browse destination folder of package directory.
  - > Check **"Use Auto-save"**.
  - > Check **"Use this directory for auto-save"**.
  - > Browse destination folder of package directory.

**Note:** **"\PDF"** is required when locating target folder of pdf files otherwise Package Tool will provide unnecessary output.



#### 4. On **Program font** > **Arial**



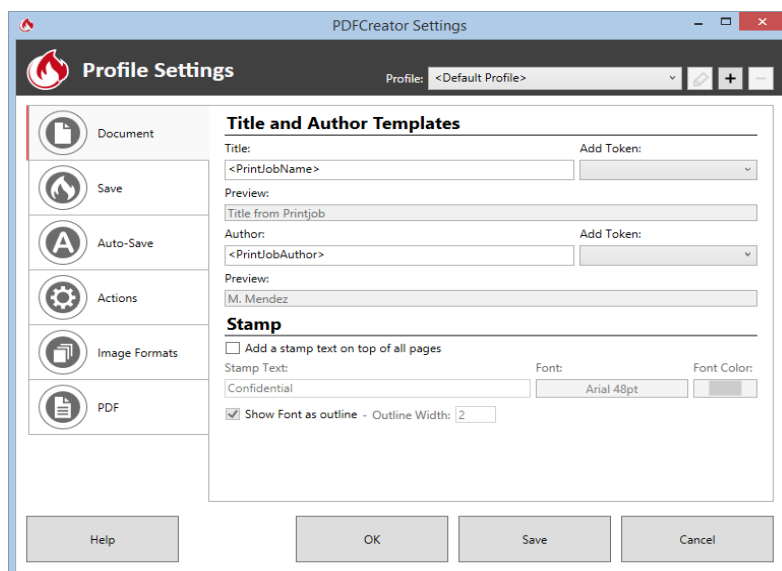


## II. PDFCreator 2.1 Configuration

1. Open PDFCreator application  
> Select **“Profile Settings”**

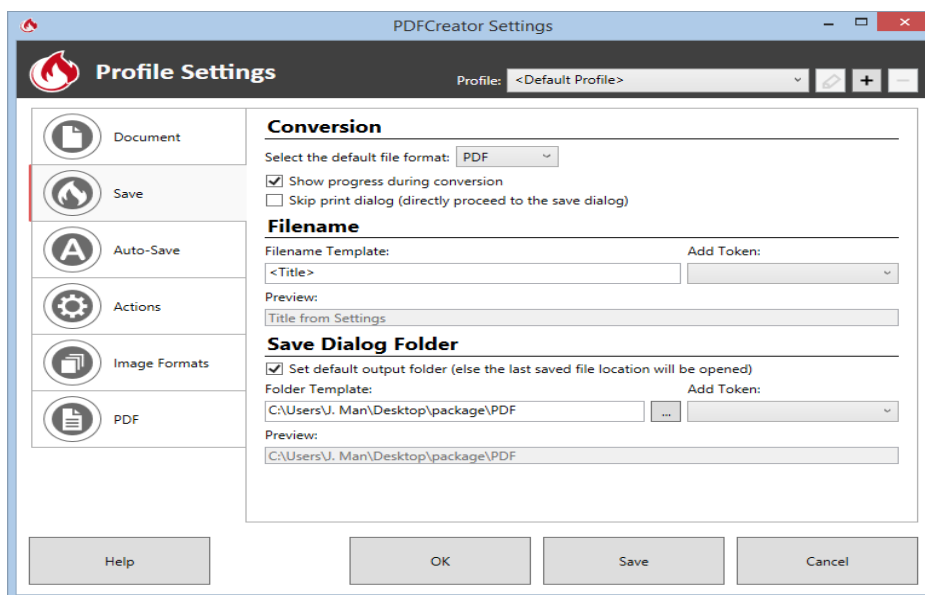


2. Select **“Document”** tab  
> **Stamp**  
- Font: Arial



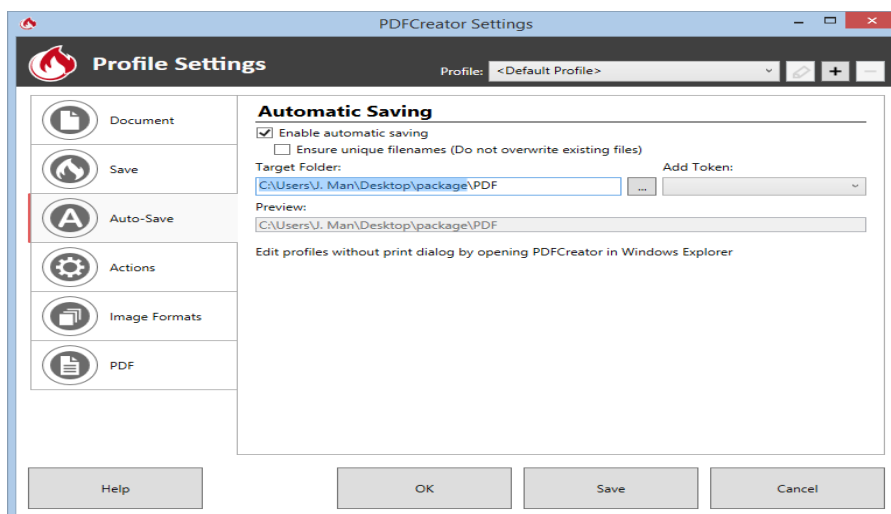
3. Select **"Save" tab**
  - > **Save Dialog Folder**
  - > Check **"Set default output folder"**
  - > **Folder Template:** Set desire output folder

**Note:** **"\PDF"** is required when locating target folder of pdf files otherwise Package Tool will provide unnecessary output.

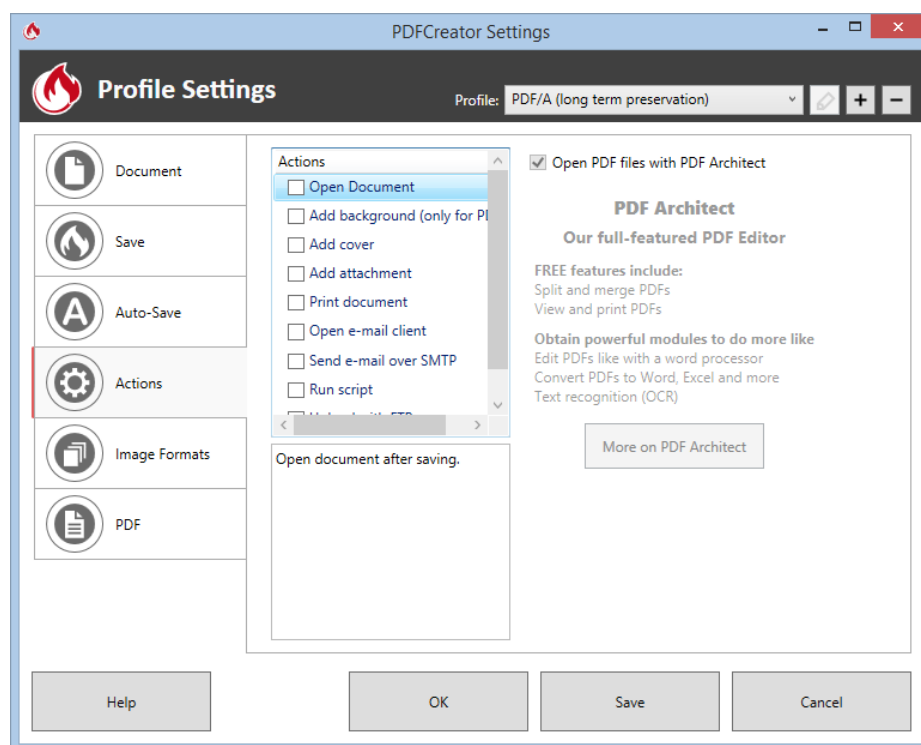


4. Select **"Auto-Save" tab**
  - > **"Automatic Saving"**
  - > Check **"Enable automatic saving"**
  - > **Target Folder:** Set desire output folder

**Note:** **"\PDF"** is required when locating target folder of pdf files otherwise Package Tool will provide unnecessary output.



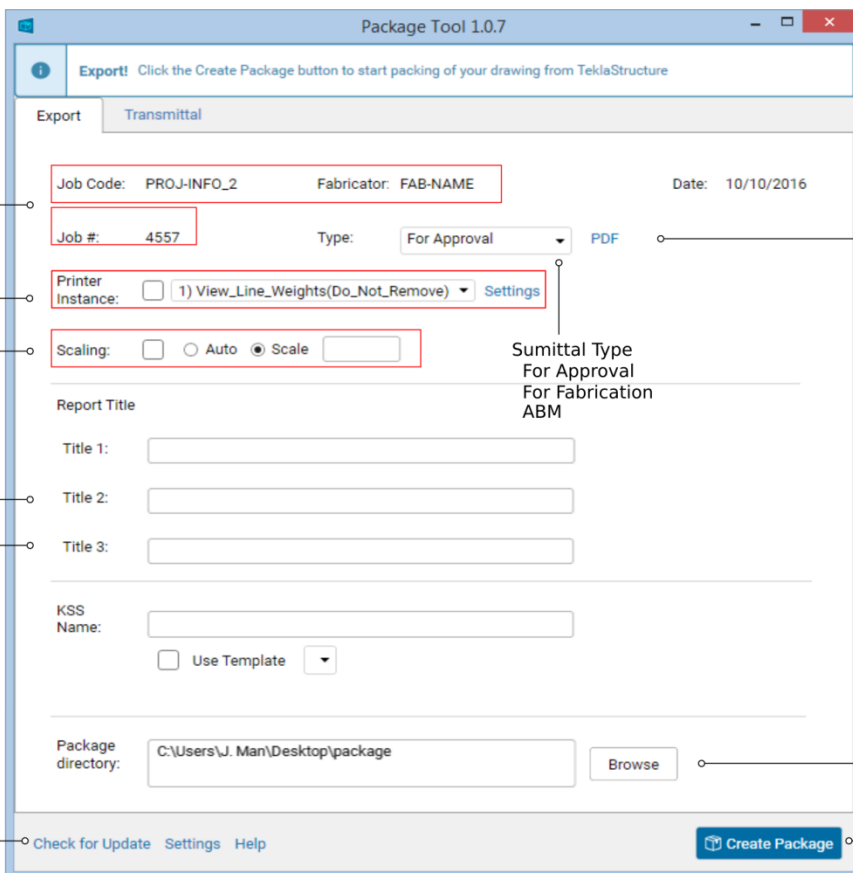
5. Select **“Actions” > Uncheck “Open Document”**



6. **Save > Ok.**

### III. Package Tool Main User Interface

- 1.) **Export Tab** – this tab contains information about the model, printer and report settings, type of Transmittal (For Approval, For Fabrication, ABM) and CFG settings.
- 2.) User can get the latest update by clicking the “**Check for Update**” button located at the bottom left of the window.
- 3.) The “**Create Package**” button will start the creation of export files like PDF, DWG, DXF, NC and XSR reports.



The screenshot shows the Package Tool 1.0.7 interface with the following components and annotations:

- Export Tab:** The active tab, showing a message: "Export! Click the Create Package button to start packing of your drawing from TeklaStructure".
- Transmittal Section:**
  - Job Code:** PROJ-INFO\_2
  - Fabricator:** FAB-NAME
  - Date:** 10/10/2016
  - Job #:** 4557
  - Type:** For Approval (dropdown menu)
  - PDF:** (checkbox)
- Printer Instance:** 1) View\_Line\_Weights(Do\_Not\_Remove) (dropdown menu) with a **Settings** button.
- Scaling:** (checkbox), Auto (radio), Scale (radio) with a text input field.
- Summittal Type:** For Approval, For Fabrication, ABM (radio buttons).
- Report Title:**
  - Title 1:** (text input)
  - Title 2:** (text input)
  - Title 3:** (text input)
- KSS Name:** (text input) with a **Use Template** dropdown.
- Package directory:** C:\Users\J. Man\Desktop\package (text input) with a **Browse** button.
- Buttons:** Check for Update, Settings, Help, and Create Package.

**Annotations:**

- Project information from TeklaStructure model (points to Job Code, Fabricator, Date, Job #).
- Configure correct paper size using Printer Settings (points to Printer Instance).
- Use Report Title 1 to provide extra bolt allowance (points to Title 1).
- Use Report Title 2 to hide GUID in Finish report (points to Title 2).
- Configure what are included in the package(PDF,DWG,DXF, NC,KSS,IFC,XSR) (points to PDF checkbox).
- Summittal Type For Approval For Fabrication ABM (points to Summittal Type radio buttons).
- Browse and select folder for output location (points to Browse button).
- Use this button to check for newest app version (points to Check for Update button).
- Use this button to start exporting of drawings (points to Create Package button).

- 1.) **Transmittal Tab** – This tab contains informations that will appear in the transmittal letter after the creation of package completed.
- 2.) The required fields will be in red if the user forgot to input the required information and the creation of package will only continue if all required fields are accomplish.

Package Tool 1.0.3

**Export!** Click the Create Package button to start packing of your drawing from TeklaStructure

Export Transmittal

Project #: 1735 Transmittal #: 001

Project: NMC - 1920 McKINNEY

Location: Dallas, Texas

Attn: Eli Florido ☒ Herewith ☐ Under separate cover

Purpose:

<input type="checkbox"/> For Approval	<input type="checkbox"/> Revised for fabrication	<input type="checkbox"/> FYI
<input type="checkbox"/> Approved	<input type="checkbox"/> To revise & submit	<input type="checkbox"/> Specification
<input type="checkbox"/> Revised for construction	<input type="checkbox"/> As requested	<input type="checkbox"/> Addendum #
<input type="checkbox"/> Revised for Approval	<input type="checkbox"/> Revised for review & comment	<input type="checkbox"/> For Approval/Fabrication
<input checked="" type="checkbox"/> For your use	<input type="checkbox"/> Revised for shop & approval	<input type="checkbox"/> For Quotation Due
<input type="checkbox"/> For construction	<input type="checkbox"/> For Fabrication	

Remarks: SEQ. 114 - FIELD BOLT SUMMARY LIST & POINT TO POINT

Signatory: Lemons  
Manager  
tional Design Services, Inc.

Output Directory: C:\Users\pc\Desktop\package

Check for Update Help

User input Project Informations which are essential in Transmittal letter

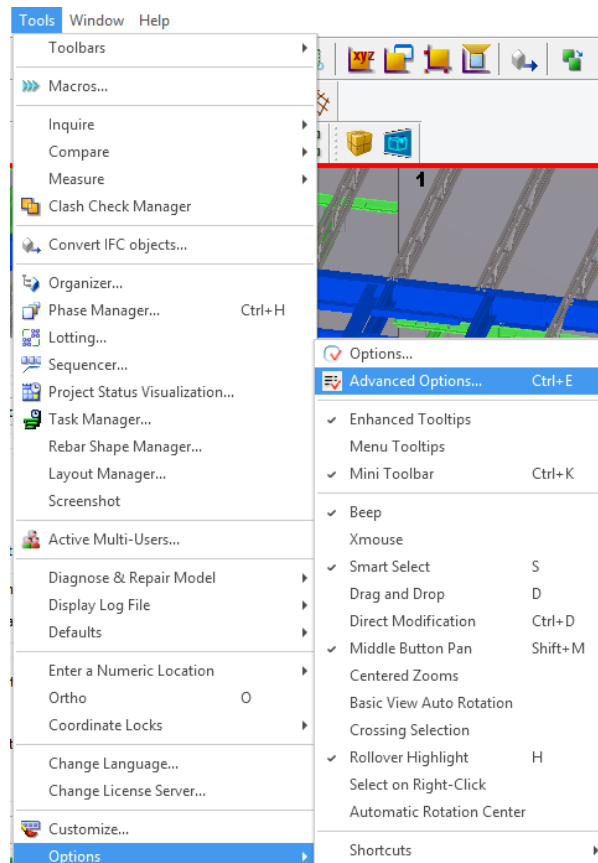
Browse and select folder for output location of Transmittal letter



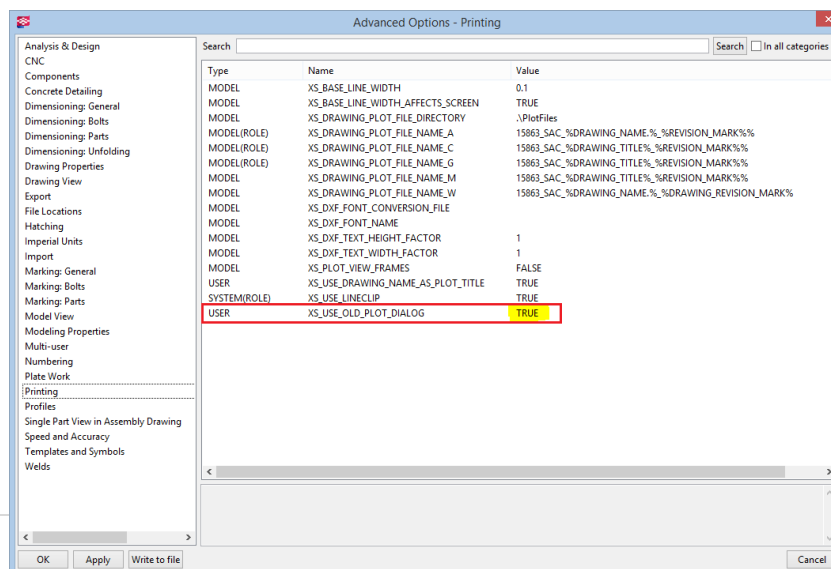
## IV. Tekla Printer Settings



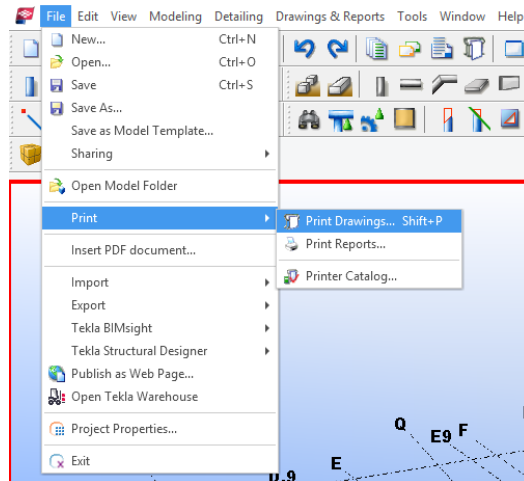
1.) Go to > **“Tools”** > **“Options”** > **“Advance Options... (Ctrl + E)”**.



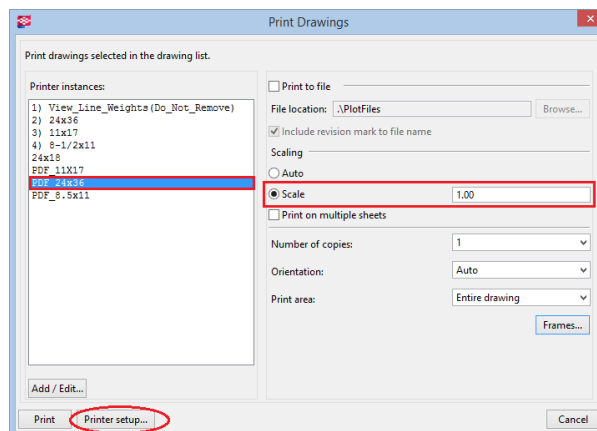
2.) On **“Advance Options...”** Go to > **“Printing”** > set **“XS\_USE\_OLD\_PLOT\_DIALOG”** = TRUE.



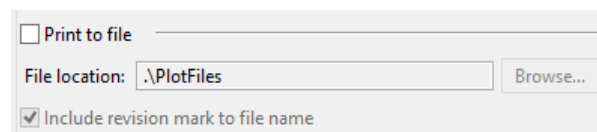
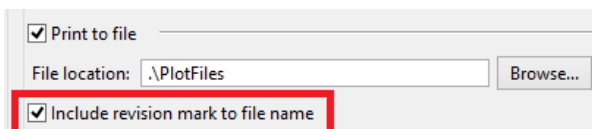
3.) Go to > **“File”** > **“Print”** > **“Print Drawings... (Shift + P)”**.



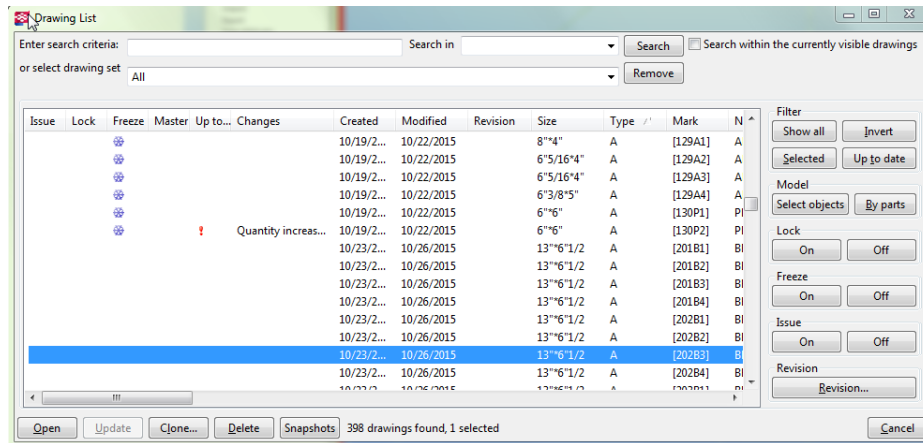
4.) Select **“Printer instances”** > **“Printer setup”**.



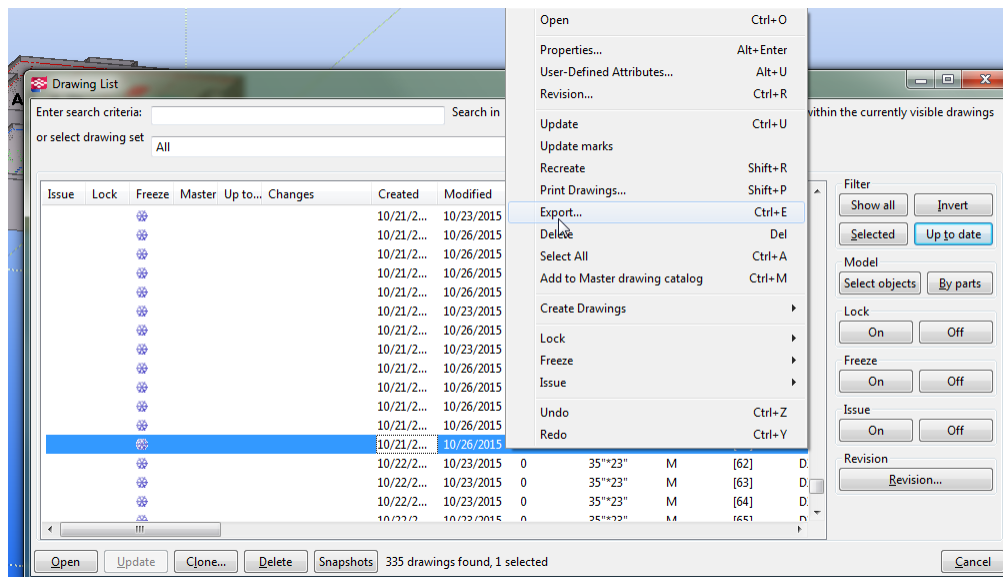
Note: Don't forget to check **“Include revision mark to file”** and uncheck **“Print to file”**.



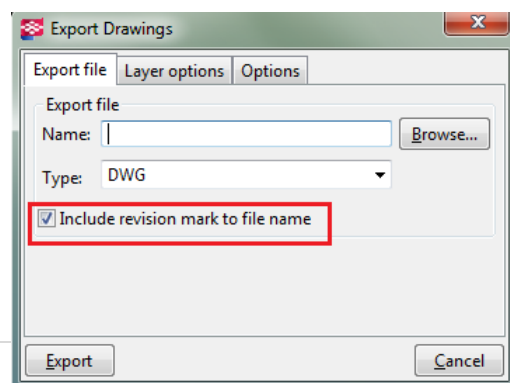
- > Open Drawing List (Ctrl + L).
- > Select drawings.



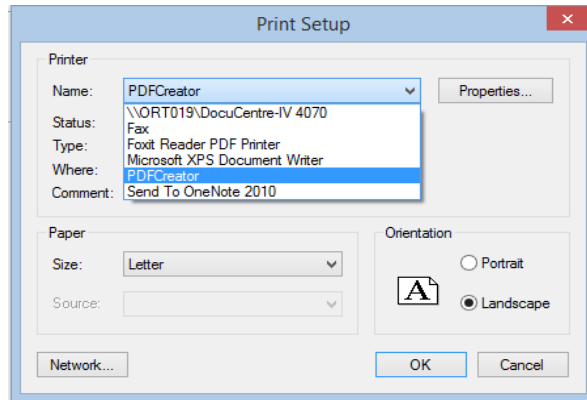
- > Right click then go to Export (Ctrl + E).



- > Check "Include revision mark to file name".

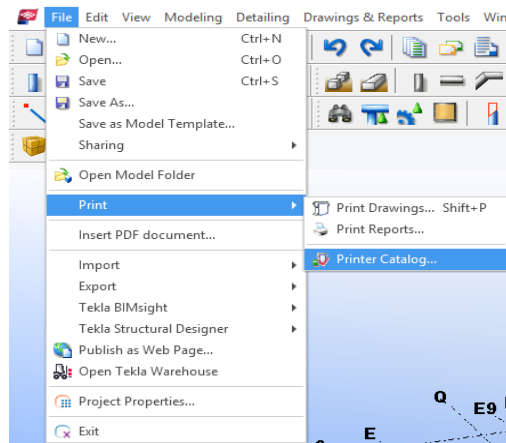


5.) Name: Select **"PDFCreator"** > **"OK"**.

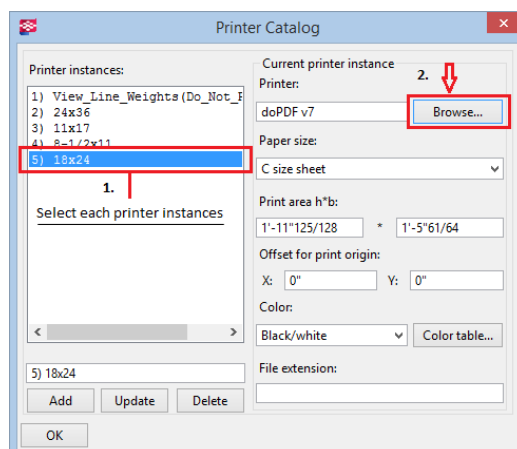


Additional Settings:

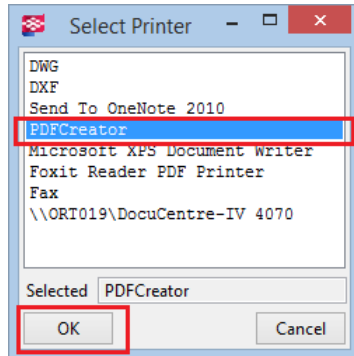
1. Go to > **"File"** > **"Print"** > **"Printer Catalog..."**.



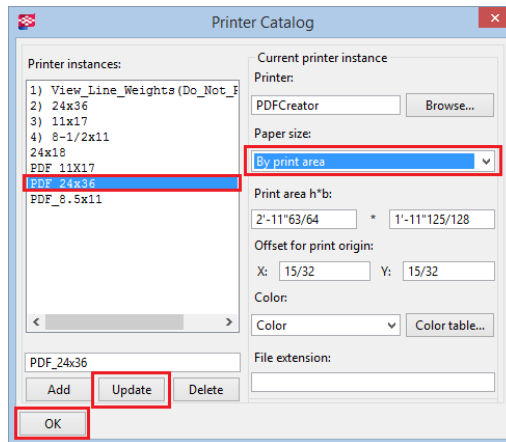
2. Select **"Printer instances"**  
> Click **"Browse"**



### 3. Select “PDFCreator”.



### 4. Click “Update” > “OK”.



**Note:** Tekla Structures uses the print area values to position the printout on the paper. Ensure that the values for “*h*” and “*b*” relate to the paper size required.

Usually the value is the paper size less the hard clip margins of the printer. For example, if the paper size is 297 \* 420, the print area could be 407 \* 284. See your printer documentation for the hard clip margins of your printer.

Usually for roll feed printers, “*h*” defines the roll width direction and *b* defines the roll feed direction. Usually for tray feed printers, “*h*” defines the tray feed direction, and “*b*” defines the tray width direction. Enter the values, and test how the printing works. If you can see, that the direction is wrong, switch the *h* and *b* values.

## V. Package Tool Macro Toolbar Setup

### Adding a customized toolbar button for Package Tool macro

You can create your own toolbar buttons for macros and have them available on user-specific toolbars.

To add a customized toolbar button:

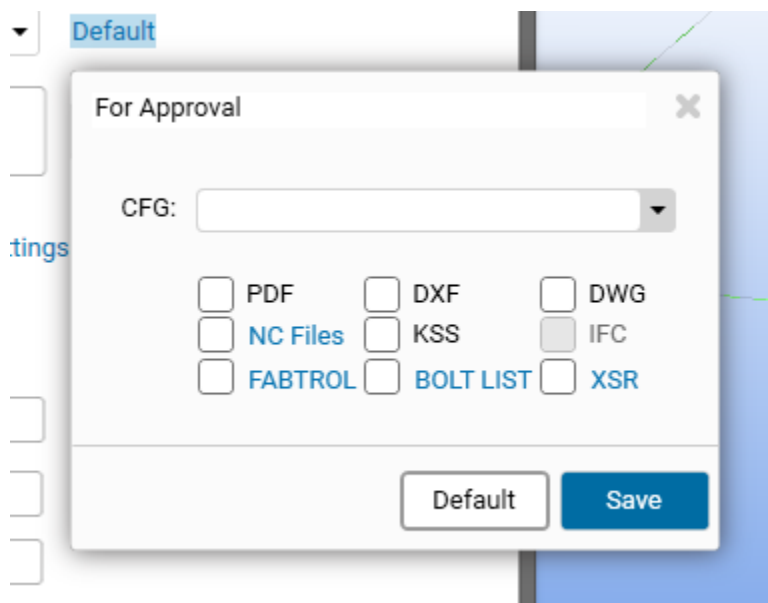
1. Click **Tools > Customize** to open the **Customize** dialog box.
2. If you have not created any user-specific toolbars, click **New** to create one.
3. Enter macro in the **Filter** box to list the available macros.
4. Select '*PackageTool*' macro from the list, click the user-specific toolbar in the **Toolbars** list, and then click the right arrow.

The '*PackageTool*' macro is added to the user-specific toolbar.

5. Click **Close** to close the **Customize** dialog box.
6. Restart Tekla Structures to load the bitmap.

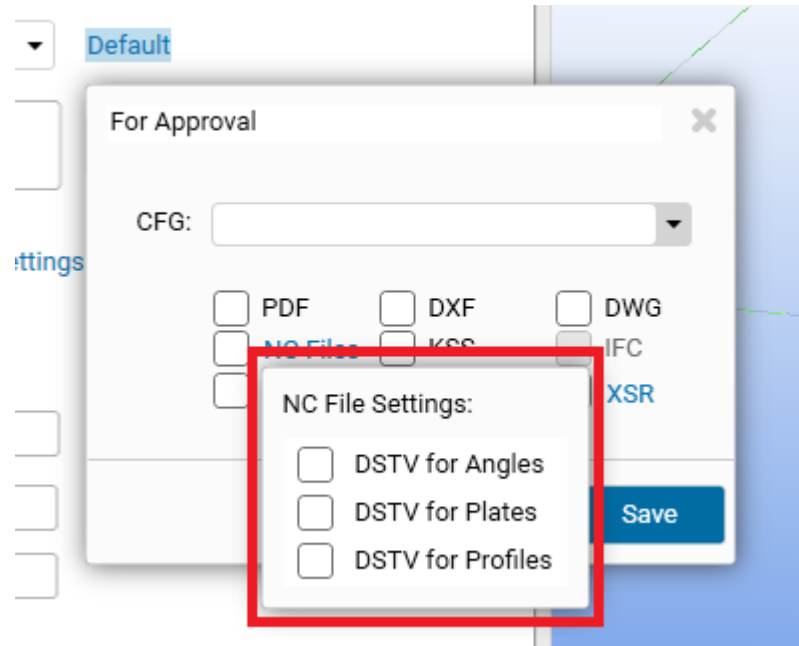
## VI. CFG Setting

> This setting is the configured setting used by PackageTool application to determine which files to export. It has the following checkboxes: PDF, DWG, DXF, NC files, KSS, IFC, Fabtrol, Bolt List, and XSR.

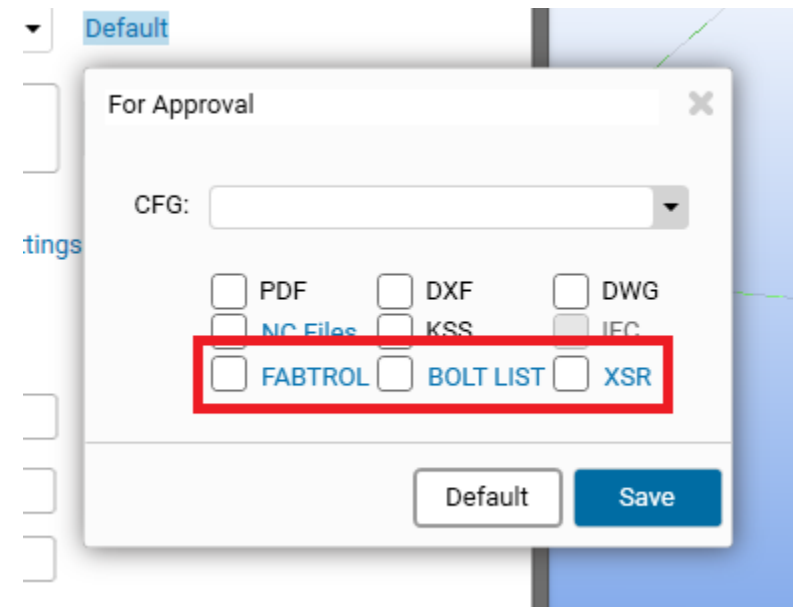


\*KSS and IFC is not available at this moment.

> NC files have a sub checkboxes: 'DSTV for Angles', 'DSTV for Plates', and 'DSTV for Profiles', which you can choose what to include.



> Fabtrol, Bolt List, and XSR are just a filter for all the .rpt files loaded in the Model's Firm Location setting.



\*All the rpt files must be stored in: ../XS\_FIRM Folder/Template/

> The CFG Types are the filter for the stored CFG template including : 'For Approval', 'For Fabrication', and 'ABM'

Fabricator: FAB-NAME

Date:

Type:

For Approval
For Approval
For Fabrication
ABM

Default

Browse

Weights(Do\_Not\_Remove)

Printer Settings

> The CFG Types determine where to get the configured setting. For example, if the Type is 'For Approval', you can only see all the saved CFG setting under the 'For Approval' Type.

Fabricator: FAB-NAME

Date: 10/29/2015

Type:

For Approval

Default

Weights(Do\_Not\_Remove)

Printer Settings

For Approval

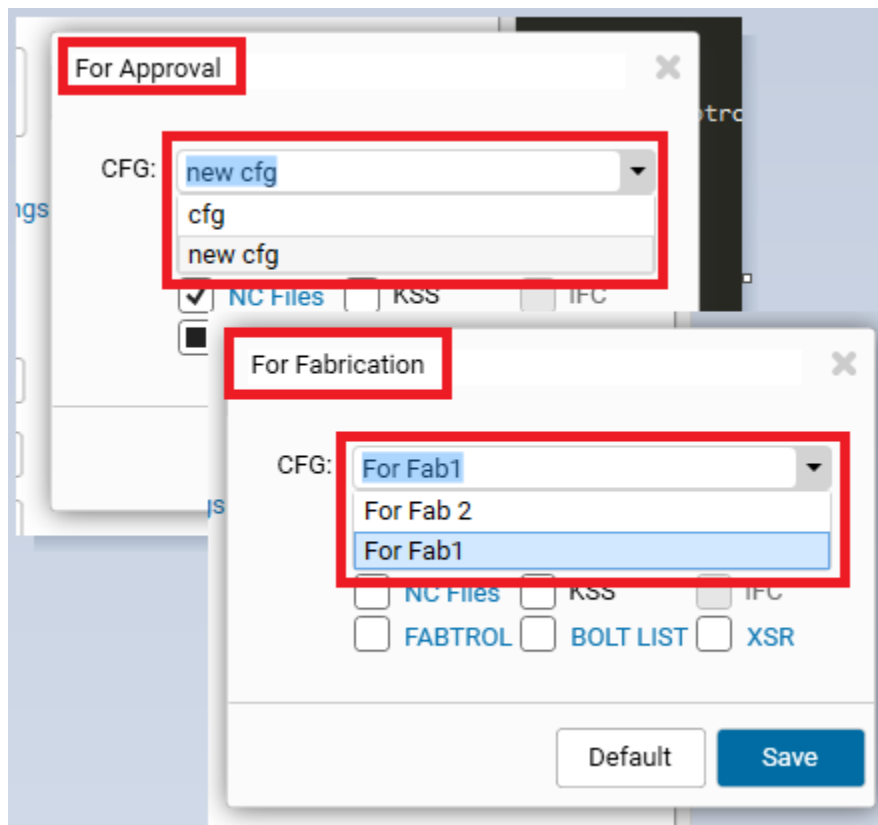
CFG:

☐ PDF
☐ DXF
☐ DWG
☐ NC Files
☐ KSS
☐ IFC
☐ FABTROL
☐ BOLT LIST
☐ XSR

Default

Save





\*Each CFG Type also has a different 'Default CFG setting'

#### A. Loading default CFG setting:

At first, the PackageTool application will load the Default CFG setting because there is no configured setting yet.

1. Click the Toggle Button link beside the 'Type' dropdown box which has a label depending on the current CFG Setting.

Package Tool 1.0.7

Export! Click the Create Package button to start packing of your drawing from TeklaStructure

Export Transmittal

Job Code: PROJ-INFO\_2 Fabricator: FAB-NAME Date: 10/10/2016

Job #: 4557 Type: For Approval PDF

Printer Instance: ☐ 1) View\_Line\_Weights(Do\_Not\_Remove) Settings

Scaling: ☐ Auto ☒ Scale

Report Title

Title 1:

Title 2:

Title 3:

KSS Name:

☐ Use Template

Package directory: C:\Users\J. Man\Desktop\package Browse

Check for Update Settings Help Create Package

A dialog box will pop up on the screen.

Default

For Approval

CFG:

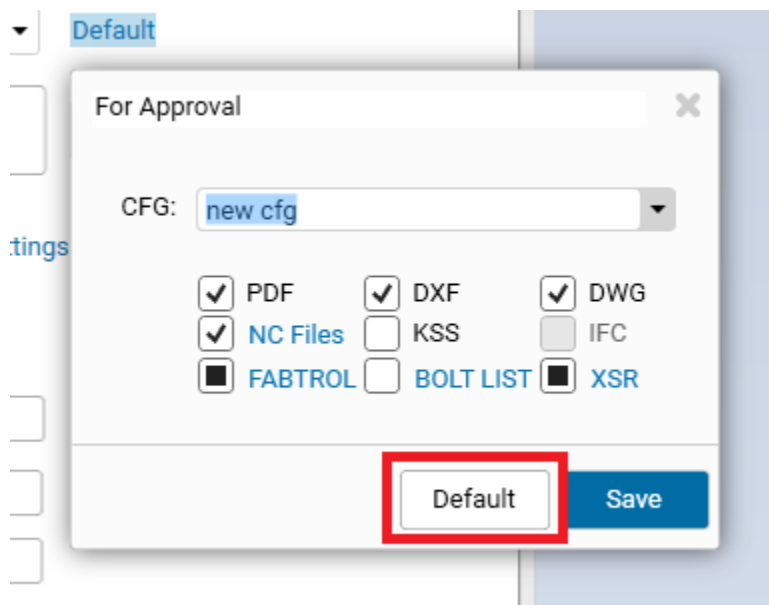
☐ PDF ☐ DXF ☐ DWG

☐ NC Files ☐ KSS ☐ IFC

☐ FABTROL ☐ BOLT LIST ☐ XSR

Default Save

2. Click the 'Default' button.

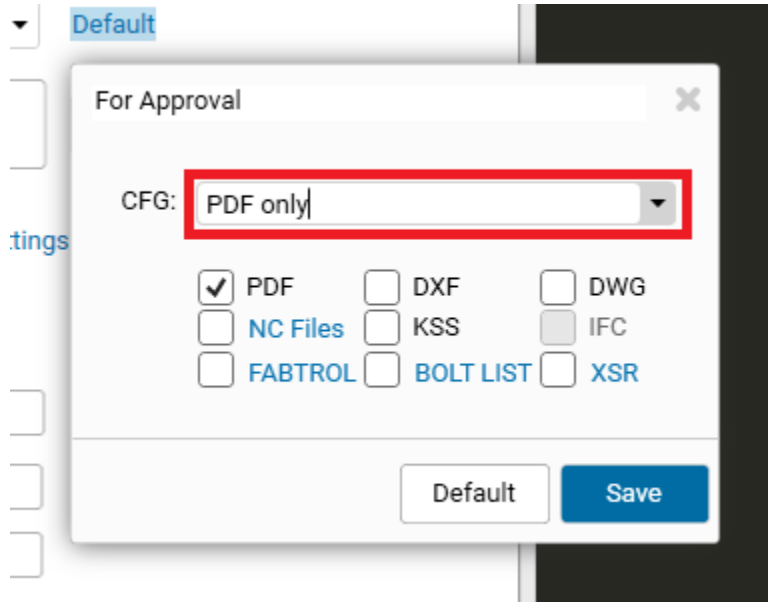


\*Note:

- > Once you set the CFG, it will be the default CFG that will be used by the PackageTool application whenever the application runs
- > The Default Cfg setting is stored in ../XS\_Firm Folder/ReportTemplate/<CFG type>/
- > If the file or the directory doesn't exist, the PackageTool application will look on : ../AppLocalData Folder/ReportTemplate/<CFG type>/

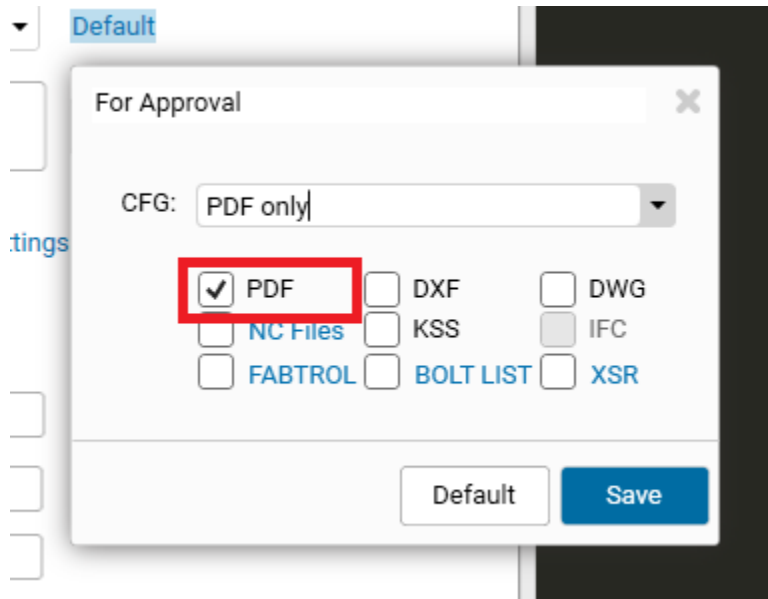
## B. Saving customized CFG settings

1. Input CGF name **\*required field**



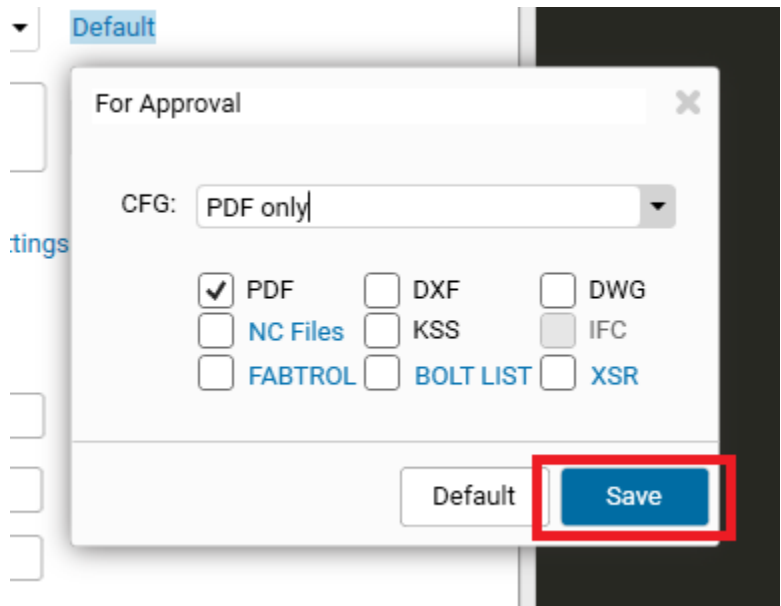
The screenshot shows a 'For Approval' dialog box. The 'CFG:' dropdown menu is highlighted with a red rectangle and contains the text 'PDF only'. Below the dropdown, there are several checkboxes for file formats: PDF (checked), DXF, DWG, NC Files, KSS, IFC, FABTROL, BOLT LIST, and XSR. At the bottom of the dialog, there are 'Default' and 'Save' buttons.

2. Select any of the following files to package (PDF, DWG, DXF, NC files, Fabtrol, Bolt List, XSR)



The screenshot shows the same 'For Approval' dialog box. The 'CFG:' dropdown menu is still set to 'PDF only'. The 'PDF' checkbox is now highlighted with a red rectangle and is checked. The other checkboxes (DXF, DWG, NC Files, KSS, IFC, FABTROL, BOLT LIST, XSR) are unchecked. The 'Default' and 'Save' buttons are at the bottom.

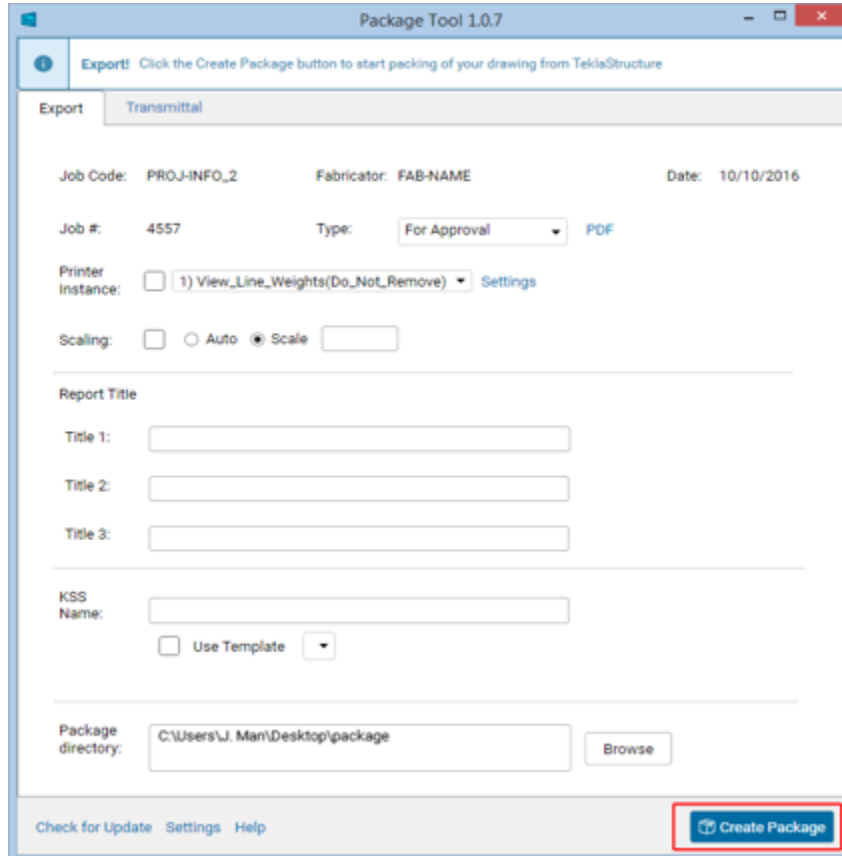
3. Click 'Save' Button.



\*Once you save the CFG, it will be the default CFG that will be used by the PackageTool application whenever the application runs

## VII. Printer Setting

> If there is no configured printer setting, the user must, first, create a package.



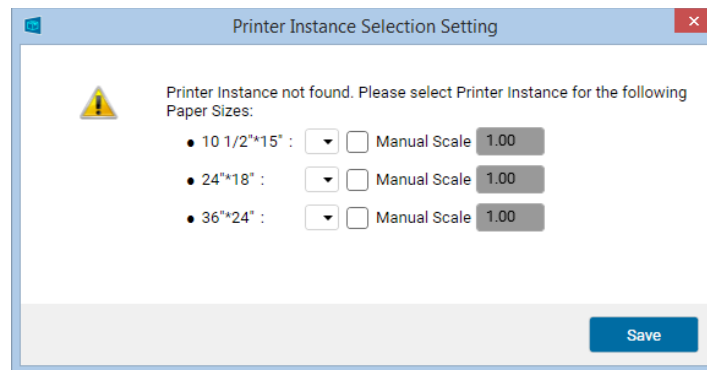
**\*Note:** Printer Settings applies only on PDF.

> If selected drawing Paper Size name doesn't exist on the Printer Instance, the Printer Instance Selection Setting window will be shown.

> The window will let the user choose what Printer setting will be used for the following Paper Sizes that doesn't match in the Printer Instance.

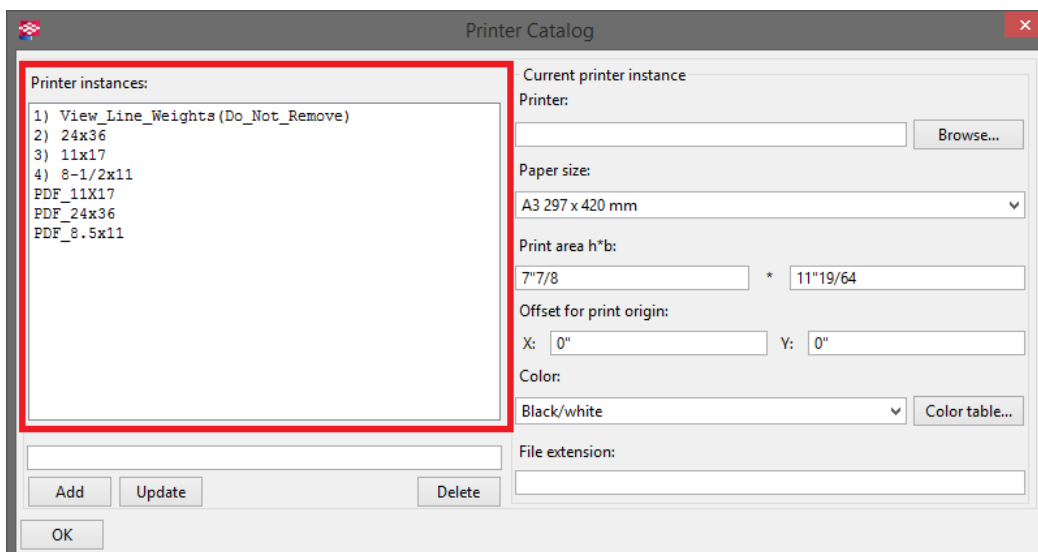
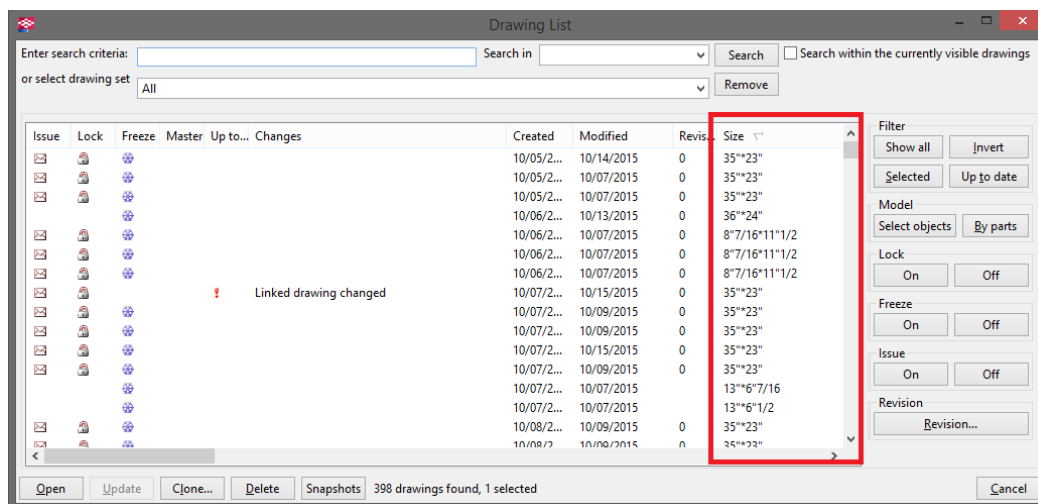
> Users can set the scaling type to manual if checkbox is selected.

**\*Note:** If checkbox is not selected it will automatically set the scaling type and scale value to 1.



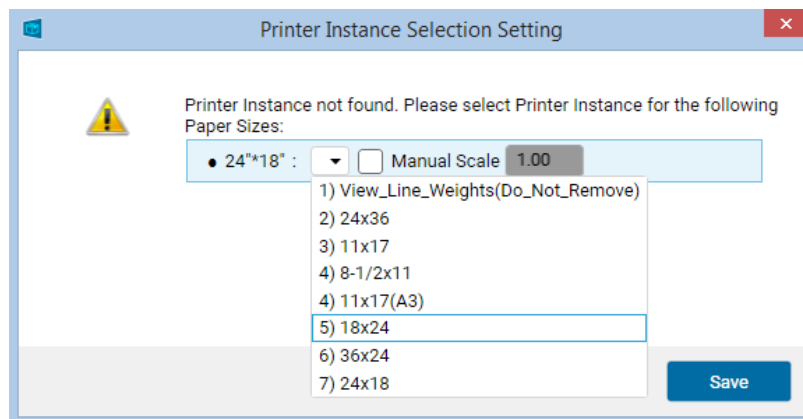
**\*Note:** The application gets all distinct Paper Size

> The application will compare all gathered paper sizes on the Printer Instances (came from Tekla's Printer Catalog)

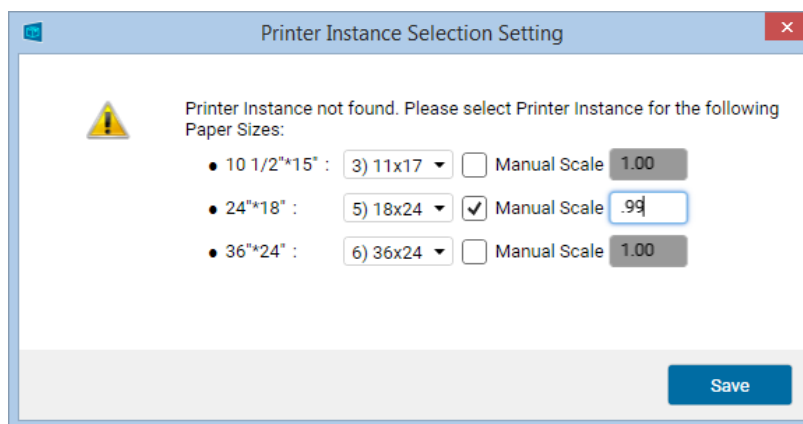


## A. Saving Printer Setting

1. Select the closest Printer Instance for each Paper size

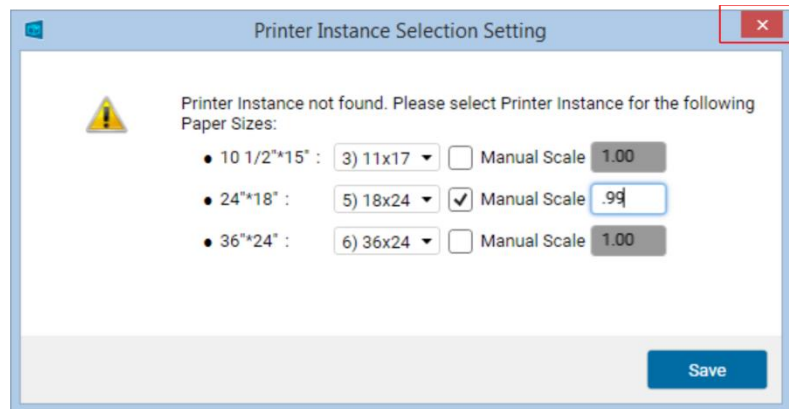


2. Click 'Save' Button.

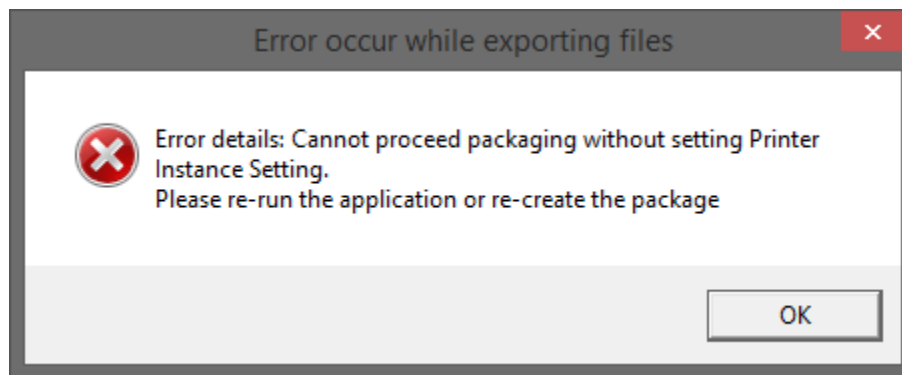




> If the user closes the window, the package creation will be terminated.



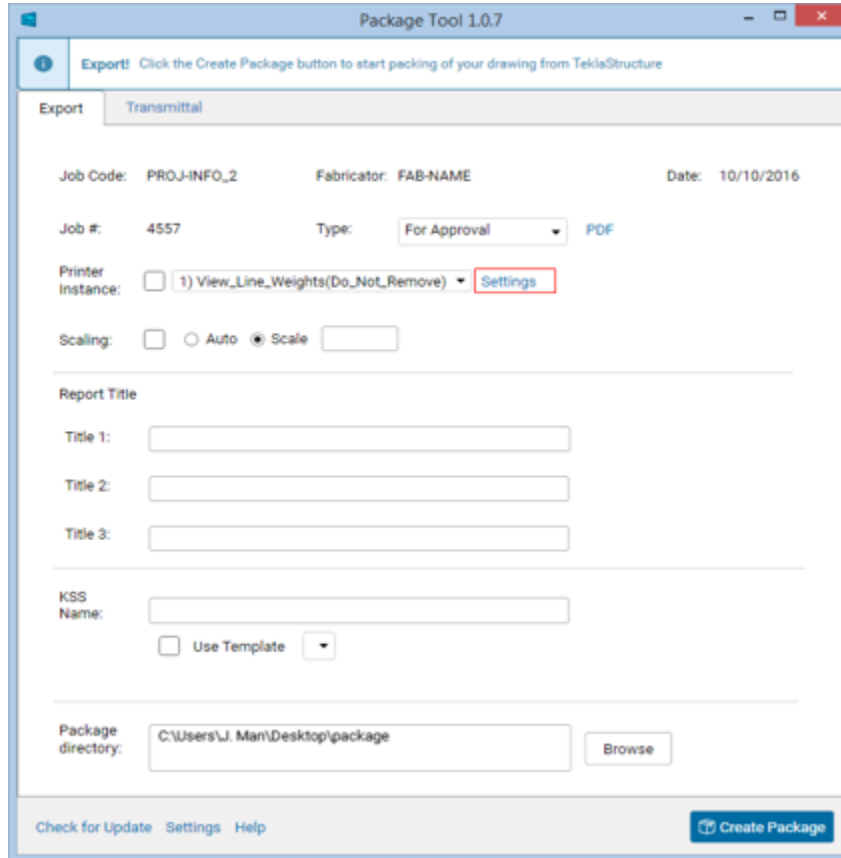
A message dialog box will be shown.



**\*Note:** Once the printer setting is set, the application will always use this setting whenever the user create a package

## B. Updating Printer Setting

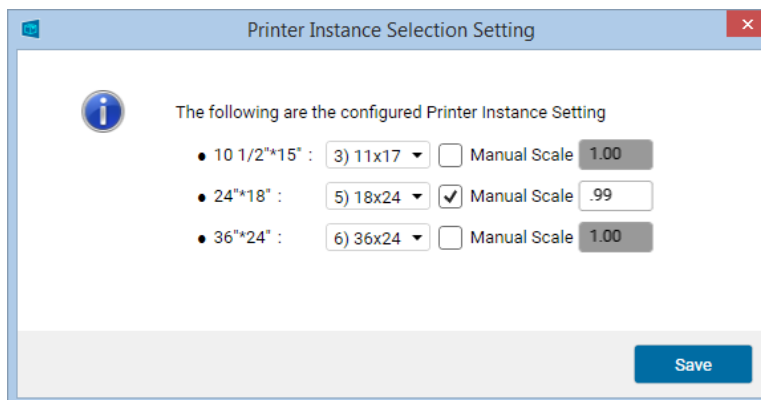
1. Click the 'Printer Setting' toggle button on the Export Tab beside the Printer Instance



The screenshot shows the 'Package Tool 1.0.7' window with the 'Export' tab selected. The 'Transmittal' sub-tab is active. The window contains the following fields and controls:

- Job Code:** PROJ-INFO\_2
- Fabricator:** FAB-NAME
- Date:** 10/10/2016
- Job #:** 4557
- Type:** For Approval (dropdown menu)
- PDF** (button)
- Printer Instance:** 1) View\_Line\_Weights(Do\_Not\_Remove) (dropdown menu) with a **Settings** button next to it.
- Scaling:** Radio buttons for ☐ (unselected), ☐ Auto, and ☒ Scale, followed by a text input field.
- Report Title:** Three text input fields labeled Title 1, Title 2, and Title 3.
- KSS Name:** A text input field with a ☐ Use Template dropdown menu.
- Package directory:** A text input field showing C:\Users\J. Man\Desktop\package and a **Browse** button.
- Footer:** Check for Update, Settings, Help, and a **Create Package** button.

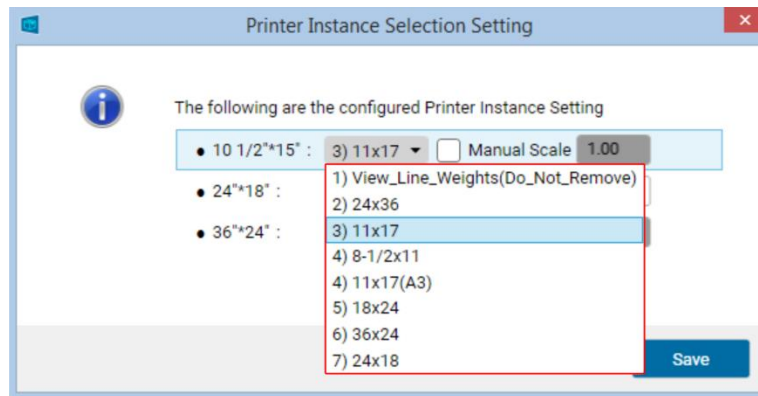
The Printer Selection window will be shown.



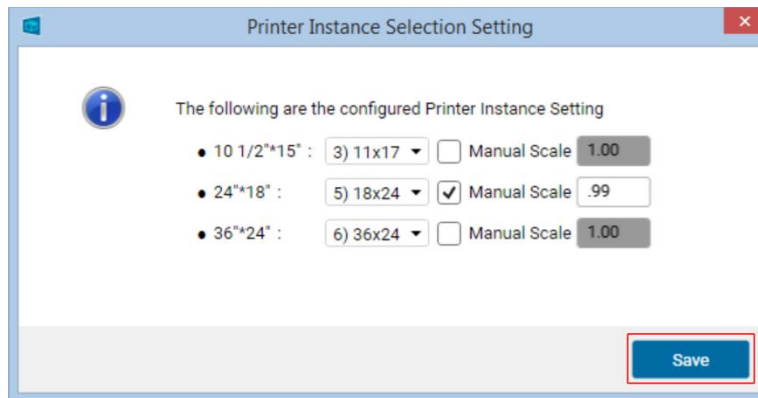
The screenshot shows the 'Printer Instance Selection Setting' window. It contains the following information:

- Title:** The following are the configured Printer Instance Setting
- Configured Settings:**
  - 10 1/2" x 15" : 3) 11x17 (dropdown), ☐ Manual Scale 1.00
  - 24" x 18" : 5) 18x24 (dropdown), ☒ Manual Scale .99
  - 36" x 24" : 6) 36x24 (dropdown), ☐ Manual Scale 1.00
- Save** button

## 2. Select and update the closest Printer Instance for each Paper size



## 3. Click 'Save' Button.



*\*Note: If you do not want to change anything, just close the active window.*