

## Chapter 11

# Folder Information

This chapter is about using folding devices. It supplements information provided in Chapter 4, The Job Editor and Chapter 8, The Printer Interface.

## Supported Folders

PlotWorks supports the following printer/folder combinations:

- GFI Folders. PlotWorks supports GFI Level 1 and Level 2 folders.
  - KIP 3620 with the PrintFold 2150
  - KIP 9010 with the PrintFold 3150
  - Océ 9600 & 9800
  - XEROX WIDE FORMAT 721p Printer with GFI folders using the AccXES or PlotWorks controller
  - Xerox 8180
  - Xerox 8845
  - XES MAX 200 FX, EO & NACO with the Bay Hornet and PrintFold 2757
  - XEROX WIDE FORMAT 510dp with GFI option using the AccXES or PlotWorks controller
  - XEROX WIDE FORMAT 8825 with GFI option using the AccXES or PlotWorks controller
  - XEROX WIDE FORMAT 8830 with the Bay 3, Gera, and PrintFold 2150 with GFI option using the AccXES or PlotWorks controller
  - XEROX WIDE FORMAT 8850 with GFI option using the AccXES or PlotWorks controller
  - XEROX WIDE FORMAT 8855 with the Bay 2 and 3, and PrintFold 3150 with GFI option using the AccXES or PlotWorks controller
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## Setting up the Folder

Depending upon what hardware you are using you use a different method to setup your folder. Before attempting to set up your folder it is useful to know:

- What type of folder you are using
- If your folder contains the GFI option.
- Whether the cable from the folder is connected to the printer or to a serial port on the computer
- If you are using the AccXES or PlotWorks Controller

Depending upon the answers to the questions above you may have to set up the Printer Interface to use your folder or create an FPF file. It may also be necessary to connect the PlotWorks Folder Cable. This is all done very easily and the instructions to do so are provided below.

## Connecting the PlotWorks Folder Cable

721p with the PlotWorks or AccXES Controller

XEROX WIDE FORMAT 8830, 8850, or 510dp with the AccXES Controller

This set of instructions only apply if you are running the 721p or if running the XEROX WIDE FORMAT 8830, 8850, or 510dp with the AccXES Controller. If you are not running one of these printer/folder combinations, skip this section and move to the next subsection.

If you are running one of the printer/folder combinations listed in the previous paragraph, your PlotWorks shipment may include the PlotWorks Folder Cable. If included, follow the instructions below depending upon your hardware configuration.

### **721p with the PlotWorks Controller**

This hardware configuration requires the PlotWorks Folder Cable so that PlotWorks can communicate with the folder. Connect one end of the PlotWorks Folder Cable to the folder and the other to the PlotWorks computer's COM 1 serial port.

### **721p, 8830, 8850, or 510dp with the AccXES Controller**

It is necessary to use the PlotWorks Folder Cable to retrieve the Folder Program File (FPF file) with this configuration. Once the FPF file is retrieved the PlotWorks Folder Cable is disconnected.

To retrieve the FPF File, follow the instructions below:

1. Start the Printer Interface. Click on the **Setup** menu and then on **Device**

**Specific Options.**

2. Enter the AccXES controller's IP Address in the **IP Address** text box. Then click **OK**. The Printer Interface will close and reopen.

A dialog box should appear prompting you to connect the folder serial cable to COM 1 on the PlotWorks server. *Do not select an option from this dialog box till you have completed Steps 3 and 4.* If the dialog box does not appear, verify that the folder is correctly connected to the Printer or AccXES controller. When correctly connected, the AccXES WebPMT indicates that the GFI is ready.

3. Depending upon your printer, disconnect the cable from the printer/controller as follows:
  - **Xerox 721p:** Identify the cable currently connecting the folder to the AccXES controller. Disconnect the end connected to the AccXES controller.
  - **Xerox 8830, 8850 or 510dp:** Identify the cable currently connecting the folder to the printer. Disconnect the end connected to the printer.
4. Connect one end of the PlotWorks Folder Cable to the cable identified in Step 3. Connect the other end of the PlotWorks Folder Cable to the PlotWorks computer's COM 1 serial port.
5. Now click the **OK** button on the dialog box.
6. Once the FPF file is created, disconnect the PlotWorks Folder Cable and reconnect the cable from the folder manufacturer as before.

If any of the folder fold programs are changed, it is necessary to recreate the FPF file. In this case, delete the FPF file from the ".\PLP\PlotWorks\FPFfolder" directory, restart the Printer Interface and follow the steps above to re-create the FPF file.



*The PlotWorks Folder Cable is not used or provided when running the Xerox 8830 or 8850 without AccXES.*

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*If provided, store the PlotWorks Folder Cable in a safe place when it is not being used. You may need it in the future if your folder configuration changes or an FPF file needs to be recreated.*

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## Setting up GFI Folders

XEROX WIDE FORMAT 510dp, 8825, 8850, 8830, and 8855

This section only applies if you are running the XEROX WIDE FORMAT 510dp, 8830, 8825, 8850, or 8855 folder/printers with the GFI option. If you are not running this configuration, skip this section and move to the next subsection.

GFI (Generic Finisher Interface) is the proprietary communication protocol used with XEROX WIDE FORMAT printers and finishing devices. PlotWorks GFI support requires creating a Folder Description File (FPF file) for the attached folder. Depending upon your hardware configuration follow the instructions below to create the FPF file.



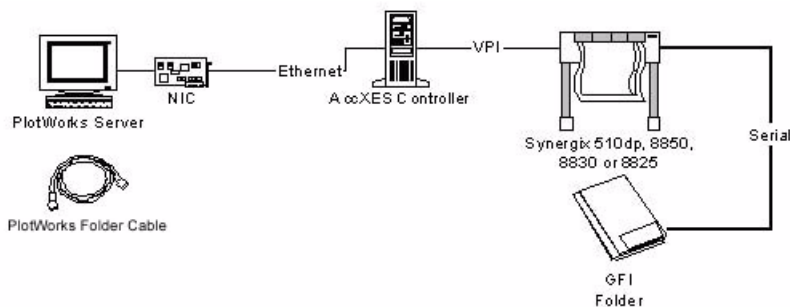
*You may have created the FPF file while connecting the PlotWorks Folder Cable. In this case you do not have to recreate it unless your hardware configuration has changed.*

### XEROX WIDE FORMAT 8825 using the AccXES Controller

This section only applies if you are running the XEROX WIDE FORMAT 8825, folder/printer, with the GFI option, and are using the AccXES controller. If you are not running this configuration, skip this section and move to the next subsection.

1. Install the printer and folder as illustrated in the diagram below. Note that the PlotWorks Folder Cable, the serial cable provided by PLP is not used here.

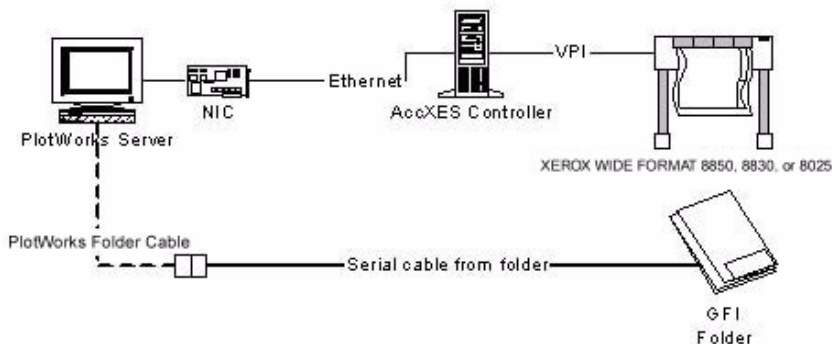
*Fig 11.1  
PlotWorks,  
AccXES  
and GFI  
folder  
connection*



2. Using the AccXES WebPMT or Configuration sheet verify that the AccXES Controller is successfully connected to the folder.
3. Open the PlotWorks Printer Interface for the printer that is connected to the GFI folder.

4. Click on the **Setup** menu and then on **Device Specific Options**. The Device Specific Options dialog box opens.
5. From the **Folder type** drop down list select **No folder/Auto detected folder**.
6. Enter the TCP/IP address of the AccXES controller in the **IP Address** text box.
7. Click on the **OK** button. The Printer Interface will close and reopen.
8. Once the connection is established, if a FPF file is not present in the directory "C:\Program Files\PLP\Plotworks\FPF\Folder", the Printer Interface will prompt you to connect the folder to the computer to generate the FPF file. Refer to the diagram below and follow the provided instructions to create the file.

*Fig 11.2  
Hardware  
connection  
for  
creating  
an FPF file*



1. Detach the folder serial cable from the Printer IOT. Do not disconnect it from the folder.
2. Connect the PlotWorks Folder Cable (previously unused), to the folder serial cable. This extends the folder serial cable.
3. Connect the available end of the PlotWorks Folder Cable it to the COM1 Port on the PlotWorks computer.
4. Click **OK** when prompted to create the FPF file.
5. Once the FPF file is created, detach the PlotWorks Folder Cable and reconnect the folder to the AccXES controller or Printer IOT as before.

## **GFI Folder Installation using the PlotWorks Direct Connection**

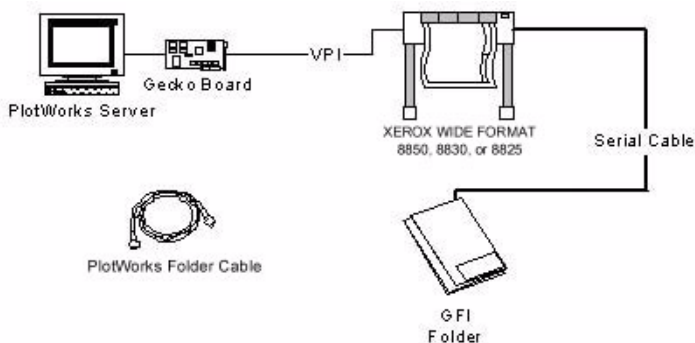
XEROX WIDE FORMAT 8850, 8830, and 8825

This section only applies if you are running the XEROX WIDE FORMAT 8850, 8830, or 8825 folder/printer, with the GFI option, and are using the PlotWorks connection. If you are not running this configuration, skip this section and move to the next one.

Follow the procedure below to set up the GFI folder using the PlotWorks Connection.

1. Install the printer and folder as illustrated in the diagram below. Note that the PlotWorks Folder Cable provided by PLP is not used here.

*Fig 11.3  
GFI folder  
installa-  
tion using  
the  
PlotWorks  
direct  
connection*



2. Open the PlotWorks Printer Interface for the printer that is connected to the GFI folder.
3. Click on the **Setup** menu and then on **Device Specific Options**. The Device Specific Options dialog box opens.
4. From the **Folder type** drop down list, select **No folder/Auto detected folder**.
5. Click on the **OK** button. The Printer Interface will close and reopen.
6. Once the connection is reestablished, if a FPF file is not present in the directory "C:\Program Files\PLP\Plotworks\FPFFolder a FPF file is automatically created.

### Important installation notes for GFI Folders

XEROX WIDE FORMAT 8825, 8850, 8830, and 8855

Do not use a FPF file downloaded from a different GFI folder, as this will cause the Printer Interface to crash when attempting to print a job with a fold request. If the PlotWorks Print Station was attached to a GFI folder, and then later attached to a different GFI folder, the Printer Interface would still use the FPF file from the original GFI folder. In either case follow the instructions below:

1. If the PlotWorks server is attached to the new folder, disconnect it.
2. Close the Printer Interface.
3. Delete the original FPF file from the folder C:\Program Files\PLP\Plotworks\FPFFolder
4. Reconnect the folder as described in the previous section titled "Installing the GFI folder".
5. Restart the Printer Interface.

### **Setting up the PlotWorks Client to use GFI Folding options**

If you want to use the PlotWorks Client and you want to specify GFI Folding options in the job ticket, it is necessary to set up the PlotWorks Clients for GFI folding. To do so, copy the FPF file from the PlotWorks server to the “C:\Program Files\PLP\Plotworks\FPFFolder” directory of the PlotWorks Client computer.

## **Media Requirements for Folding**

When using the certain hardware configurations, it is necessary to ensure specific media is loaded in the printer.

### **Synergix Fold System 40**

When using the Synergix Fold System 40 (PrintFold) with the 721p printer, it is necessary to ensure specific media is loaded depending on the document size series selected. The following media is required for the Synergix Fold System 40:

ISO Sizes:	ANSI Sizes:	Architectural Sizes
• 297mm roll	• 11" roll	• 12" roll
• 420mm roll	• 17" roll	• 18" roll
• 594mm roll	• 22" roll	• 24" roll
• 841mm roll	• 34" roll	• 36" roll

### **Gera Universal Folder**

When using the Gera Universal Folder, it is necessary to ensure specific media is loaded and the Rotation table is installed depending on the document size series selected. The following media is required for this folder:

ISO Sizes:	ANSI Sizes:	Architectural Sizes
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- 297mm roll
- 594mm roll
- 841mm roll
- 11" roll
- 22" roll
- 34" roll
- 12" roll
- 24" roll
- 36" roll

## Setting up the Printer Interface to use your Folder

All folders

It is necessary to set up the Printer Interface for folding. Before you can do so determine if you are using a GFI, Autodetected, or External folder.

### Autodetected and External Folders

- **Autodetected folders:** Your folder is an Autodetected folder if the cable from the folder is connected to the printer. The PlotWorks Printer Interface automatically detects folders that are directly connected to the printer. Autodetected Folders include the:
  - Gera (XEROX WIDE FORMAT 8830)
  - Xerox 8845
  - XES 8180
  - XES MAX 200 FX
  - Océ 9600 & 9800
- **External folders:** Your folder is an External folder if the cable from the folder is connected to the computer's serial port. External Folders include the:
  - Bay 2 (XEROX WIDE FORMAT 8855)
  - Bay 3 (XEROX WIDE FORMAT 8830, 8855)
  - PrintFold 2150 (XEROX WIDE FORMAT 8830, KIP 3620)
  - PrintFold 3150 (XEROX WIDE FORMAT 8855, KIP 9010)
  - PrintFold 2757 (XES MAX 200)
  - Bay Hornet (XES MAX 200)

## Setting up the Printer Interface

All folders

1. Open the **Printer Interface** for the printer that will print the documents.
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2. Click on the **Setup** menu and then click on **Device Specific Options**. The Device Specific Options dialog box opens.
3. From the **Folder type** drop down list select your folder. You may have to use the scroll bar on the drop down list to locate your folder. If your folder is an Autodetected folder select **No Folder/Auto detected**. If your folder contains the GFI option select **GFI Folder**.

*Fig 11.4  
The Device  
Specific  
Options  
dialog box*

**Device Specific Options**

Folding Options:

Folder type: No Folder/Auto Detected Folder Serial port: 1

8180 automatic rotation: ☐ and flat output to finisher: ☐ Rotation feature: ☐

Smart Switch Options:

Smart Switch control: None Copy Mode Timeout: 0 (seconds, 0 = none)

Printer Options:

Print density: 25 Power Save Timeout: 0 (minutes, 0 = none)

Reduce pen widths: ☒ Minimum Pen Width (pixels): 1

Add lead/trailing edges: ☐ Leading: 0 (in) Trailing: 0

Printer name: Properties

Output quality: 400 (Best) 400 (Normal) 400 (Draft)

Minimum Paper Length: 8.2 (in) Hardware Port Number: 1

Socket Options:

IP Address: 0 . 0 . 0 . 0 User Name: Anonymous

Socket Port Number: 2000 Password:

OK Cancel

4. If your folder is an External folder or a GFI Folder, enter the number of the serial port that the folder is connected to in the **Serial port** text box. If using a GFI folder, refer to the GFI Folder User Manual to determine the correct port number. Otherwise ignore this option.
5. If you are using the 8180 folder and you want to automatically rotate every other set 90 degrees when exiting the printer, select the **8180 automatic set rotation** check box. Otherwise ignore this option.

6. If your folder has a rotation table, select the **Rotation feature** check box to enable sheet rotation.
7. If your folder has the hole punching option, select the **Punching** check box.
8. If your folder has the reinforcement stripping option, select the **Reinforcement** check box.
9. Click **OK**. The Device Specific Options dialog box closes.
10. Close and then reopen the Printer Interface to effect the changes.



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*For more information on options available from the Printer Interface dialog box refer to “Configure Device Specific Options” on page 8-15.*

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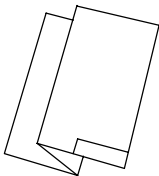
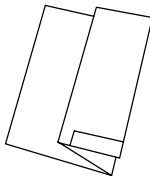
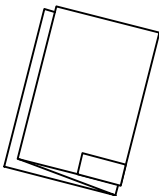
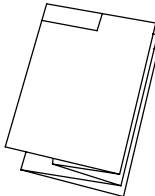
## Fold Types and Options

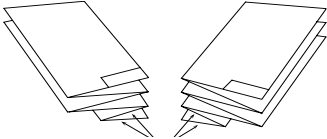
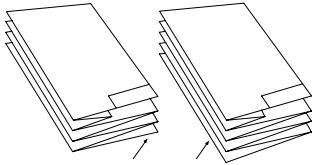
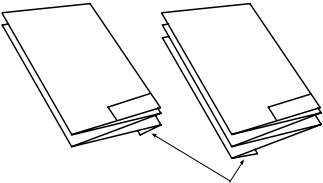
Depending upon your folder different folding types and options are available. Common folding types and options are described below.

### Fold Types

#### Fan Folds

The document is folded in one direction and the finished fold resembles a fan. The different types of Fan Folds are illustrated below.

<p>Full Front, End Left</p>  <p>Generally has a binding margin</p>	<p>Full Back, End Left</p>  <p>Generally has a binding margin</p>
<p>Full Front and Full Back, End Left</p>  <p>Generally has a binding margin, may have compensation panels depending on size/fold</p>	<p>Ericsson Fold: Top panel binding</p>  <p>Binding margin on cover page.</p>

<p>Minimized Compensation, Half Back</p>  <p>Two equal width compensation panels</p>	<p>Minimized Compensation, Internal Compensation</p>  <p>End Right End Left</p>
<p>Minimized Compensation, Endless</p>  <p>Less than or equal to folders minimal panel length</p>	

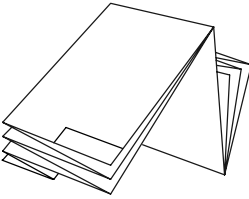
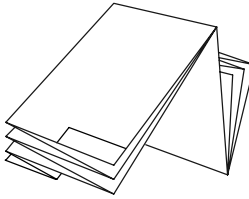
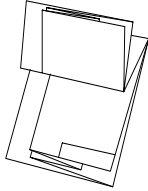
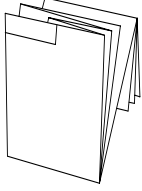
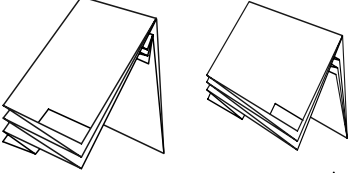
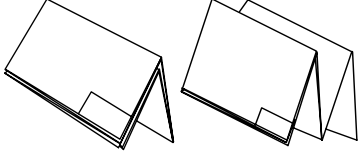
**Cross-fold**

The document is folded in two directions. These include the C and Z Folds

**C- Fold:** The finished folded “package” resembles a “C”:

**Z-fold:** The document is fan-folded first, then turned 90 degrees and folded in a Z shape.

The different types of Cross-folds are illustrated below.

<p><b>Z Fold, Back from Top</b></p>  <p>Z-style crossfold, folded back from the top of the cover or title page. 3rd and 4th panels folded outside. May be orientated landscape or portrait.</p>	<p><b>Z Fold, Forward from Top</b></p>  <p>Z-style crossfold, folded forward from top of cover (title) page. May be orientated landscape or portrait.</p>
<p><b>Z Fold, Forward from Top</b></p>  <p>Z-style crossfold, folded forward from top of the cover (title) page. May be orientated landscape or portrait.</p>	<p><b>Z Fold, Back from Bottom</b></p>  <p>Z-style crossfold, folded forward from top of the cover (title) page. May be orientated landscape or portrait.</p>
<p><b>C Fold, Back from Top</b></p>  <p>C-style crossfold, 3rd and 4th panels folded inside. May be orientated landscape or portrait.</p>	<p><b>Wallet Fold</b></p>  <p>Equal length fanfold and crossfold panels. C- or Z-style defined by finisher. Used mainly with Afnor Folds.</p>

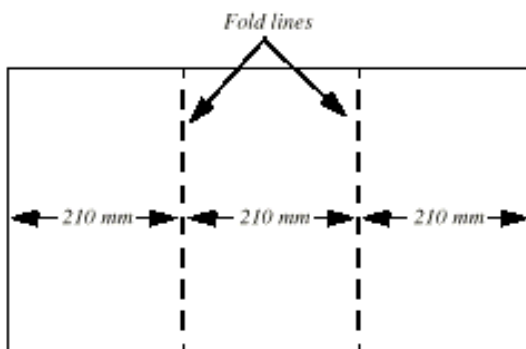
## Folding Options

The following options may be available for your folder:

### Width

This option is used to specify the final folded package width. If the desired final folded package size is 210mm, you would specify 210 as the fold width.

*Fig 11.5  
Example  
showing  
the  
location of  
fold lines  
when a  
width of  
210 mm is  
selected*

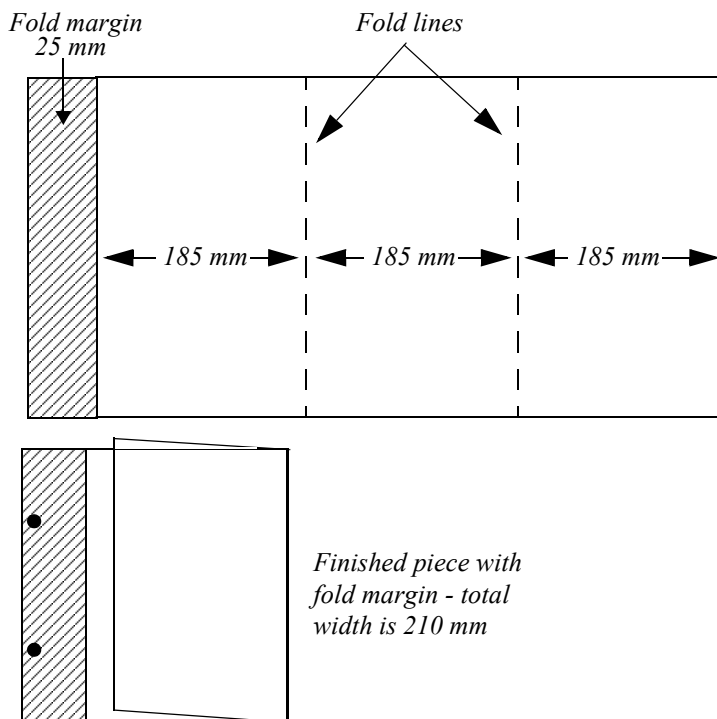


### Margin

This option is used to specify a fold margin. Fold margins, often called “finishing” or “stripping” margins, are used when you want one folded area to be wider than the other areas. This is useful when you want to reinforce or punch the fold for storage in a binder or hanging file.

The amount specified for the Margin is included in the Width. For example, if you want a final piece width of 210mm but you want a 25mm finishing margin (for punching or reinforcing), specify a fold margin of **210** and a finishing margin of **25**. PlotWorks will subtract 25 from 210, leaving a 185mm width and a 25mm finishing margin (see Fig. 11.6).

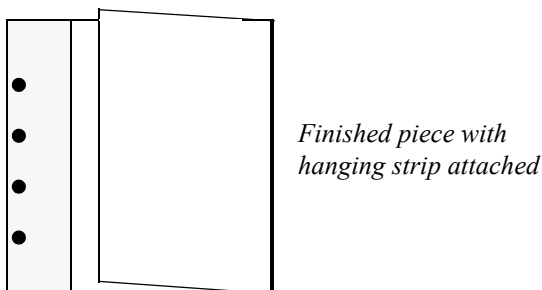
**Fig 11.6**  
This illustrates the fold margin and the final width between folds



## Hanging Edge

This is also referred to as a “hanging strip.” When selected, the margin is replaced with a pre-punched plastic-reinforced strip so that the document can be placed in a ringed binder.

**Fig 11.7**  
Example of a folded document with a punched hanging strip



## **Punch**

This option punches holes in the document margin for binding purposes. It is necessary to enable the **Margin** option when punching. This option is available with some Bay Folders. The Bay 2 folder does a 2-hole punch; and the Bay 3 does a 2 or 4- hole punch.

## **Reinforcement**

This option is used to apply a plastic strip to reinforce the document for punching.



## Folding and Image Orientation

Different manufacturer's devices may not orient images the same way. Depending upon your folder it is necessary to orient your printed image so that the title block appears on top. For example, the Bay folder requires that the title block enter the folder last. Other folders require the title block enter the folder first.

The Bottom edge setting, Finishing Macros, and/or specifying the title block location are the various methods PlotWorks provides to orient printed documents. The Bottom Edge option is explained on page 4-23. Using Finishing Macros is explained on page 11-23. Specifying the title block location is explained next.

## Specifying the Title Block Location

Specifying the location of the title block is usually the most efficient way to orient documents for folding. It is especially important to specify the location of the title block when using GFI folding options.

There are three ways to specify the location of the title block. You can use the **Title Block Location** dialog box if you need to view the document to locate the title block. If you already know where the title block is, select the location from the **Title Block** column in the job grid, or the **Title Block** drop down list from the Detailed Property Sheet.



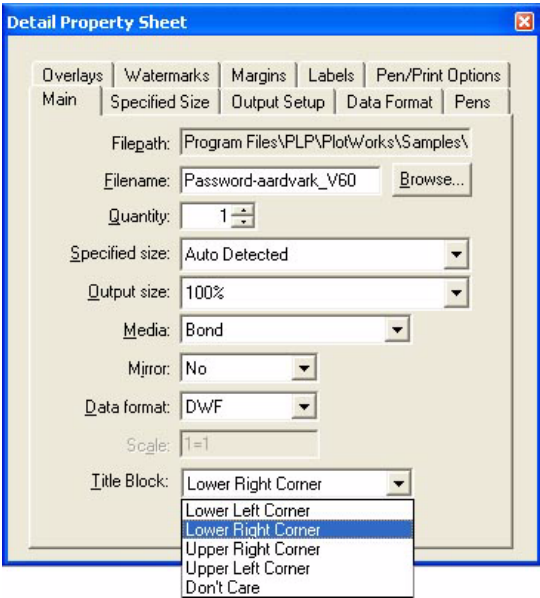
*It is only necessary to specify a title block location when using GFI folding devices.*

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## From the Detail Property Sheet Dialog Box

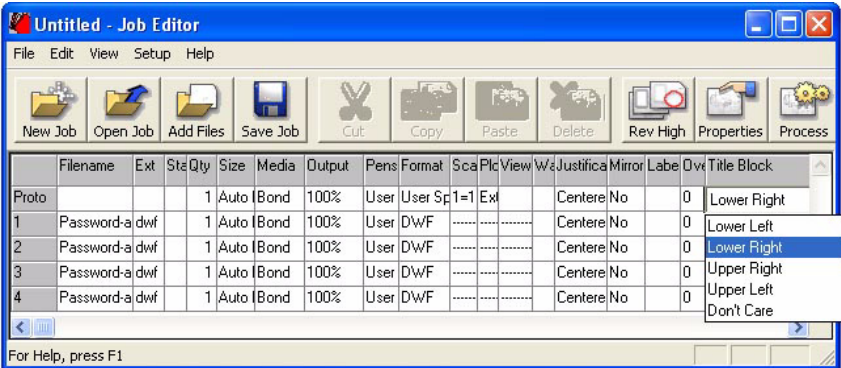
1. Click on the **Properties** button. The Detail Property Sheet dialog box opens displaying the **Main** tabbed dialog box.
  2. Select the title block location from the **Title Block** drop down list. Select **Don't Care** if the title block location is irrelevant.
-

*Fig 11.8  
Main  
tabbed  
dialog box  
displaying  
the Title  
Block drop  
down list*



## From the Job Grid

*Fig 11.9  
Job Editor  
job grid  
displaying  
the Title  
Block drop  
down list*

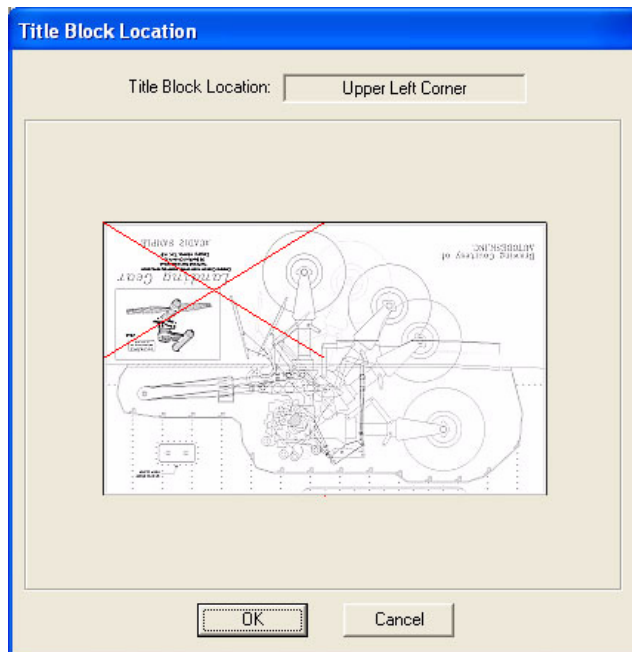


The Job Grid contains a column named Title Block. Select the title block location from the drop down list in this column. Select **Don't Care** if the title block location is irrelevant. Ensure you select the correct cells.

## Using the Title Block Location Dialog Box

1. Click on the image in the Job Editor job grid.
2. Click on the **View** menu
3. Select **Title Block Location Viewer**. The Title Block Location dialog box opens with the selected image displayed.

*Fig 11.10  
Title Block  
Location  
dialog box*



4. Click on the corner of the image that contains the title block. A red X displays in that corner. If the title block location is irrelevant, click on the red X again. The red X will disappear and **Don't Care** will appear in the Title Block Location text box.
5. Click on the **OK** button.

## Specifying Folding Options in Job Tickets

Folding options are selected from either the Finishing Options tabbed dialog box or the Folding Options dialog box of the Job Editor or Client. Both dialog boxes offer the same folding options.

- The **Folding Options** dialog box is accessed by clicking on the **Output** button and then on the **Folding Options** button.
- The **Finishing Options** tabbed dialog box is accessed by clicking on the **Setup** menu, then **Preferences**, then on the **Finishing Options** tab.

How folding options are specified depends upon your folder. Instructions for specifying folding options for each folder follow.

### Folding Options for All Folders

#### Except the MAX 200 and GFI Folders

This section explains how to select folding options for all folders *except the MAX 200 and GFI Folders*. If you are using the MAX 200 or GFI folding options ignore this section.

When selecting folding options for all folders *except the MAX 200 and GFI Folders* it is often necessary to use Finishing Macros. In this section we will first discuss Finishing Macros, then how to select general folding options, and then miscellaneous information about specific folders.

### Finishing Macros

Finishing macros are not used with the MAX 200 or GFI Folders. Finishing macros are used with other folders to simplify the process of sending special commands to the printer and/or folder. Not all macros are supported for all folders. The following table provides information about each macro:

Macro	Effect	Supported By
1	Forces use of the 1st fold card Forces use of belt 1	8845 Océ 9800
2	Forces use of 2nd fold card Forces use of belt 2	8845 Océ 9800
A	Compensation fold first. You must enable Margins.	3150, 2150*

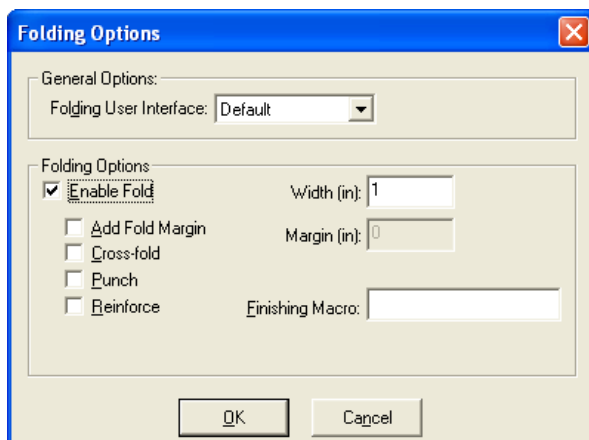
A	Enables AFNOR fold. You must enable Margins	Océ 9800
B	Compensation fold is last. You must enable Margins.	3150, 2150*
B	Enables Din B fold.	8180 (European only)
C	Produces a ‘C’ fold (evenly folded panels). Requires that cross-fold is enabled.	3150, 2150, 8180
L	Forces landscape orientation	All
R	Same as “Bottom Edge = Top, Rotate Off”; rotates drawing 180 degrees	All
P	Forces portrait orientation	All
S	Sets a DIN A/C fold	8180 (European only)
Z	Produces a ‘Z’ fold (default). You must have cross-fold enabled.	3150, 2150, 8180

## Specifying Folding Options

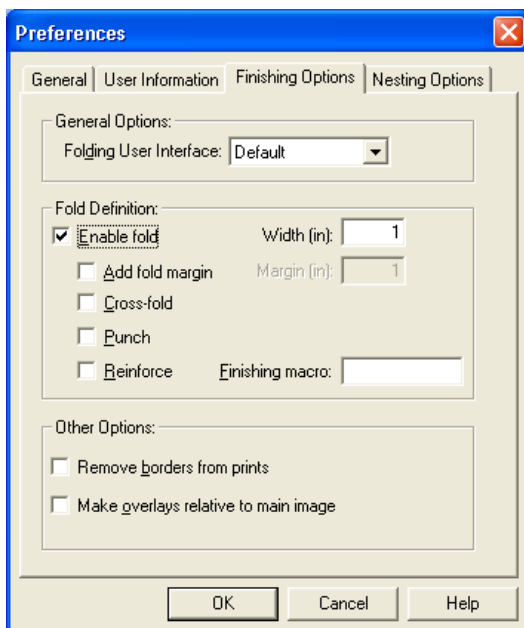
To specify folding options for all folders *except the MAX 200 and GFI Folders*, follow the instructions below:

1. Open either the **Folding Options** dialog box or the **Finishing Options** tabbed dialog box as explained on page 11-20.
2. Select **Default** from the **Folding User Interface** drop-down list.

*Fig 11.11  
Folding  
Options  
dialog box  
with  
Default  
selected  
from the  
Folding  
User  
Interface  
drop-down  
list*



*Fig 11.12  
Finishing  
Options  
tabbed  
dialog box  
with  
Default  
selected  
from the  
Folding  
User  
Interface  
drop-down  
list*



3. Select the **Enable Fold** check box.

4. Select the desired folding options from the following:
  - **Width:** Enter a fold width in this text box. The 8180 supports 20mm, 25mm, 30mm, and 50mm fold margins:
  - **Add fold margin:** Select this check box if you want to include a fold margin. Fold margins are explained on page 11-14. Then enter the desired margin width in the **Margin** text box.
  - **Margin:** Enter the desired margin width in this text box. This text box is only available when **Add Fold Margin** is selected.
  - **Cross-Fold:** Select this check box to enable a cross fold, if supported by your folder.
  - **Punch:** Select this check box to enable punching, if supported by your folder.
  - **Reinforce:** Select this check box to include a reinforcing strip, if supported by your folder
  - **Finishing macro:** Finishing macros are entered in this text box.

If using the PrintFold, you can enter the fold number in the finishing macro field. The fold number corresponds to the number on the Print-Fold's Control Panel.
5. Click **OK**. Your folding options are applied to the print job.

## Miscellaneous Information about Specific Folders

Miscellaneous information on certain folders follows.

### 8830/8855 with the Bay Folder

Bay Folders require customization to fold jobs correctly. This section details what options to select for desired folds.

- Regular Folds (no margin, punching, or reinforcement):
    1. Select **Enable fold** and **Cross-fold**
    2. Set the **Width** field between **180-189** or **201-210** (mm).
  - Folds with Margins:
    1. Select **Enable Fold**, **Cross-Fold**, and **Add Fold Margin**.
    2. Set the **Width** field to **210**(mm).
    3. Set the **Margin** field between **20** to **30**(mm), as needed.
-

- Folds with Hanging Edges (Strips):
  1. Select **Enable fold** and **Cross-fold**.
  2. Ensure the **Margins** check box is *not* selected.
  3. Enter a fold width equal to or between **190** and **200**. The Bay Folder automatically adds a hanging strip to the margin when a fold width between 190 and 200mm is entered.
  4. Select the **Punch** and **Reinforce** options, if desired.

### Bay Hornet Folder

The Bay Hornet folder supports fold widths from 180-240 mm , fold margins from 0-30 mm, hole punching and reinforcement strips. For AFNOR folds, type A in the Macro text box. For a CUSTOM fold, type C in the Macro text box.

### 8830 (Gera) Folder

There are three different models of the 8830 Gera Folder, ISO, ANSI, and ANSI/ARCH. Each supports different folding widths. The following widths are supported for each model:

ISO	ANSI/	ANSI/ARCH
190mm	7.5"	8.5"
190+20mm	7.5 + 1"	9.0"
210mm	8.5"	

If 190mm is selected for Width with the ISO model, you can add a 20mm margin. ISO only

### 8845 Folder

PlotWorks automatically reverses the print orders for jobs that are folded using the 8845 folder.

The 8845 supports different fold types depending upon the fold card that is used. In the United States, the folder comes with the 11" and 12" cross and fan cards. In Europe, the folder comes with the DIN A/C, DIN B, European fan, European cross, and SD fold cards.

Enter the card number corresponding to the desired fold type in the **Macro** text box.

---



### **PrintFold 2150 and 3150 Folders**

There are a few rules when using the PrintFold. These are detailed below.

- **All folds must first be set at the folder's console**

When using the PrintFold all folds must first be set at the folder's console before they are output from PlotWorks. Please refer to the PrintFold operator manual for instructions on configuring fold types. If you send a job with a fold type that is not set at the folder's console, your job is put on a Media Capabilities hold.



*After changing fold types on the PrintFold control panel, close and reopen the Printer Interface.*

---

- **Set the PrintFold Folder to Host Mode**

The PrintFold Folder must be set to Host Mode at the console before it can be used. If jobs are not folding, ensure Host Mode is active.

- **PrintFold folds may require opposite rotation**

Most PrintFold fold styles require the opposite rotation (180° vs. 0°; 270° vs. 90°) from most folders. The Printer Interface automatically uses the opposite rotation. However, if a fold style requires the opposite of the normal orientation for a particular folder you can put an 'R' (for reverse) in the **Finishing macro** field. This will flip the drawing 180 degrees (changing the **Bottom edge** field will also do this but then any references, labels, or watermarks will be the wrong orientation).

- **Each PrintFold folder supports different types of printers**

- The 2150 is used with low to mid-speed 24-inch and 36-inch engineering printers
- 3150 is used with high-speed 36-inch engineering printers.
- The PrintFold 2150 supports XEROX WIDE FORMAT 8830 and the KIP 3620 printers.
- The PrintFold 2750 supports Xerox 8825, 8830, 8855 and the MAX 200 printers.
- The PrintFold 3150 supports XEROX WIDE FORMAT 8855 and the KIP 9010 printers.

- **Fold #1 must be set to Stack.**

---

- **Specifying Fold Types**

- The PrintFold supports two first-fold styles. Type A is the default and Type B the alternate. Enter A or B in the macro text box to specify a fold style. For example to select Type B, enter 'B' in the Macro text box.
- The PrintFold supports two second fold styles, Z-Fold (the default) and C-Fold. To select the C-Fold, place a 'C' in the Macro text box. To select the Z-Fold, place a 'Z' in the Macro text box.

- **Fold Sizes**

Depending upon the folding Width specified, PlotWorks automatically assigns a packet height.

Width in Job Editor	Folded Packet Size
7.5 in	7.5 x 10 in
8.5 in	8.5 x 11 in
9 in	9 x 12 in
11 in	11 x 8.5 in
12 in	12 x 9 in
190mm	190 x 297mm
210mm	210 x 297mm
297mm	297 x 210mm

### Océ 9600 and 9800 Folder Options

Depending upon the folding options specified in the Job Editor, The Océ 9600 and 9800 produces the following results:

Option selected in the Job Editor	Resulting Fold
<b>Enable Fold</b> only	Ericsson fold exiting from the default stacker.
<b>Enable Fold</b> with A macro	AFNOR fold
<b>Enable Fold</b> and <b>Crossfold</b>	DIN fold

The following folding options are also available if you have a high-capacity stacker attached to the Océ 9600 and 9800 folders.

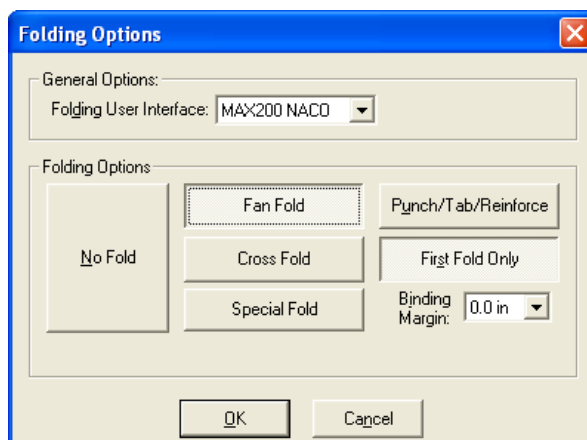
Option selected in the Job Editor	Resulting Fold
<b>Enable Fold</b>	Finished package exits from the default stacker.
<b>Enable Fold with 1 macro</b>	Finished package exits from belt 1 of the high-capacity stacker.
<b>Enable Fold with 2 macro</b>	Finished package exits from belt 2 of the high-capacity stacker.

## Folding Options for the MAX 200 NACO

To access folding options for the MAX 200 NACO follow the instructions below:

1. Open either the **Folding Options** dialog box or the **Finishing Options** tabbed dialog box as explained on page 11-20.
2. Select **MAX 200 NACO** from the **Folding User Interface** drop-down list.

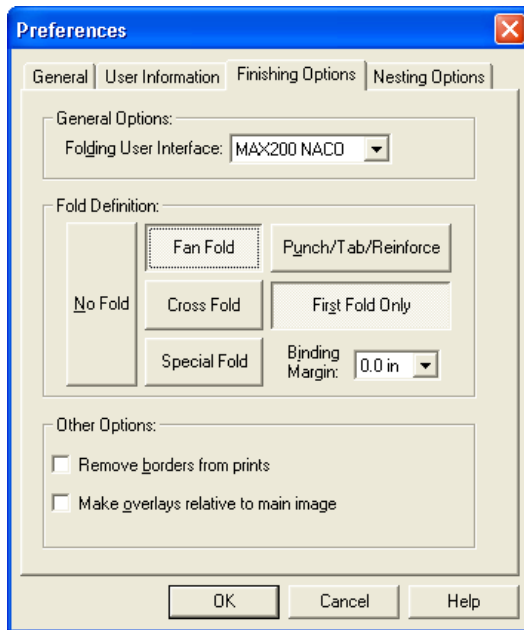
*Fig 11.13  
Folding  
Options  
dialog box  
when MAX  
200 NACO  
& the Fan  
Fold  
button is  
selected*



3. Select your folding options. These include:
  - **Fan Fold**: Click this button to specify a Fan Fold.

- **Cross Fold:** Click this button to specify a Cross Fold.
- **Special Fold:** Click this button to specify a Special Fold.

*Fig 11.14  
Finishing  
Options  
tabbed  
dialog box  
when MAX  
200 NACO  
& the Fan  
Fold  
button is  
selected*

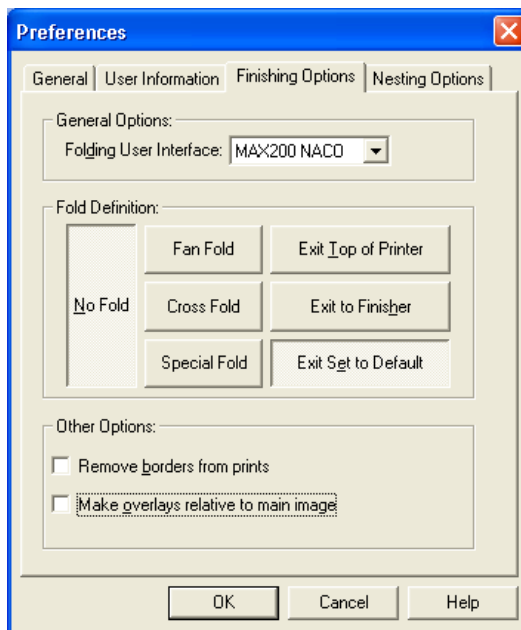


The next three options will not display if the No Fold button is selected.

- **Punch/Tab/Reinforce:** Click this button to specify hole punching, folding margins or a reinforcing strip.
- **First Fold Only:** Clicking this button is the same as selecting the "Enable fold" check box in the default configuration.
- **Binding Margin:** Select the width of the binding margin from this drop-down list.
- **No Fold:** Select this button when you do not want to fold the printed document. When the No Fold button is selected, the folding options are replaced with options that enable you to choose how the printed document will exit the printer. The following document exiting options are available:
  - **Exit Top of Printer:** Click this button to exit the printed document from the top of the printer.
  - **Exit to Finisher:** Click this button to exit the printed document from the folder or finishing device.

- **Exit Set to Default:** Click this button to exit the printed document from the default location specified in the Printer Interface's Device Specific Options dialog box.

*Fig 11.15  
Finishing  
Options  
tabbed  
dialog box  
when MAX  
200 NACO  
& the No  
Fold  
button is  
selected*

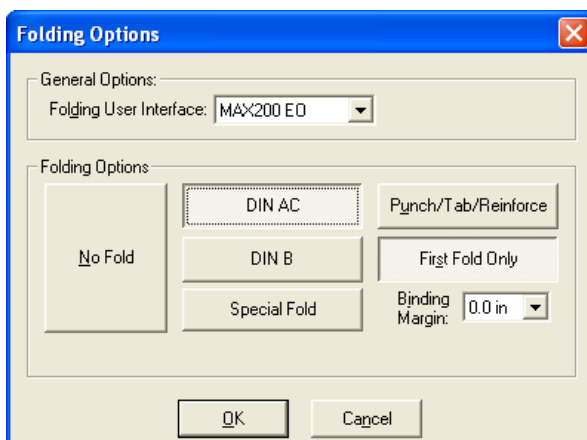


## Folding Options for the MAX 200 EO

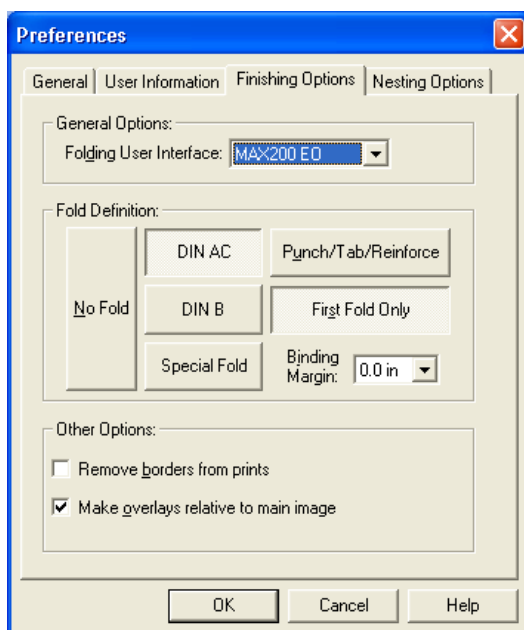
To specify folding options for the MAX 200 EO follow the instructions below:

1. Open either the **Folding Options** dialog box or the **Finishing Options** tabbed dialog box as explained above.
2. Select **MAX 200 EO** from the **Folding User Interface** drop-down list.
3. Select your folding options. These include:
  - **DIN AC:** Click this button to enable the DIN AC fold.
  - **DIN B:** Click this button to enable the DIN B fold.
  - **Special Fold:** Click this button to enable a Special fold.

*Fig 11.16  
Folding  
Options  
dialog box  
when MAX  
200 EO &  
the DIN  
AC button  
is selected*



*Fig 11.17  
Finishing  
Options  
tabbed  
dialog box  
when MAX  
200 EO &  
the DIN  
AC button  
is selected*

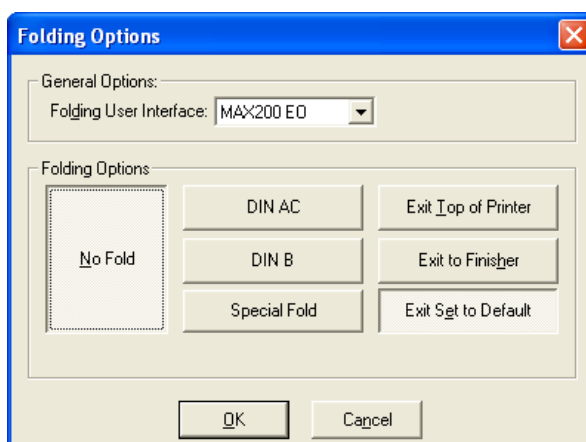


The following options may not display if the No Fold button is selected.

- **Punch/Tab/Reinforce:** Click this button to specify hole punching, folding margins or a reinforcing strip.

- **First Fold Only:** Clicking this button is the same as selecting the "Enable fold" check box in the default configuration.
- **Binding Margin:** Select the width of the binding margin from this drop-down list.
- **No Fold:** Select this button when you do not want to fold the printed document. When the No Fold button is selected, the folding options are replaced with options that enable you to choose how the printed document will exit the printer.

*Fig 11.18  
Folding  
Options  
dialog box  
when MAX  
200 EO &  
the No  
Fold  
button is  
selected*



The following document exiting options are available:

- **Exit Top of Printer:** Click this button to exit the printed document from the top of the printer.
- **Exit to Finisher:** Click this button to exit the printed document from the folder or finishing device.
- **Exit Set to Default:** Click this button to exit the printed document from the default location specified in the Printer Interface's Device Specific Options dialog box.

## Folding Options for GFI Folders

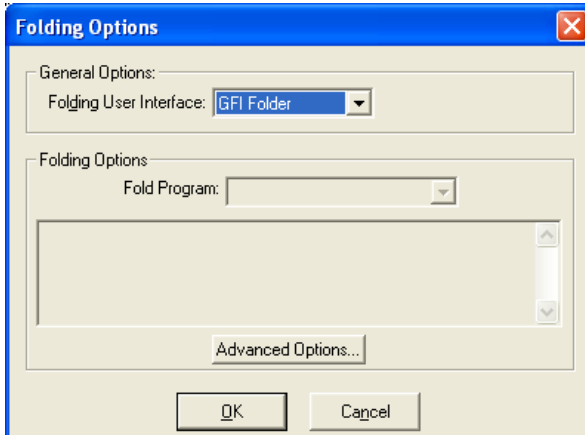
Before you can specify folding options for GFI Folders ensure you have set up PlotWorks for GFI Folding. See Page 11, Setting up GFI Folders for more information.

To access folding options for GFI Folders follow the instructions below:

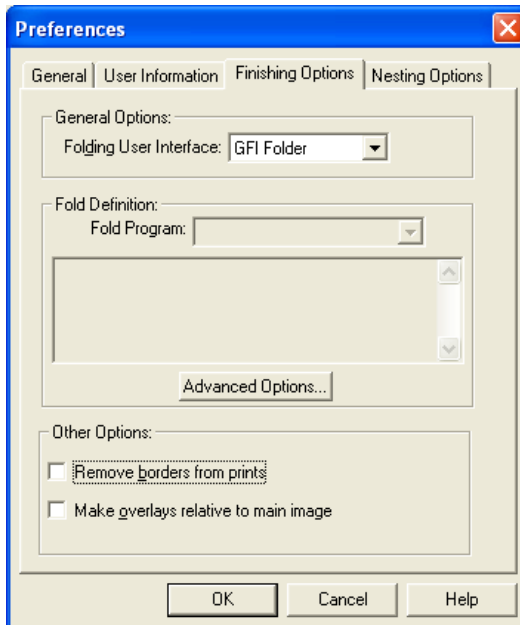
1. Open either the **Folding Options** dialog box or the **Finishing Options** tabbed dialog box as explained on Page 11-20.
2. Select **GFI Folder** from the **Folding User Interface** drop-down list.

If this is the first time that GFI Folding is selected, the folding dialog boxes will look like the ones below.

*Fig 11.19  
Folding  
Options  
dialog box  
when GFI  
Folder is  
selected  
the first  
time*



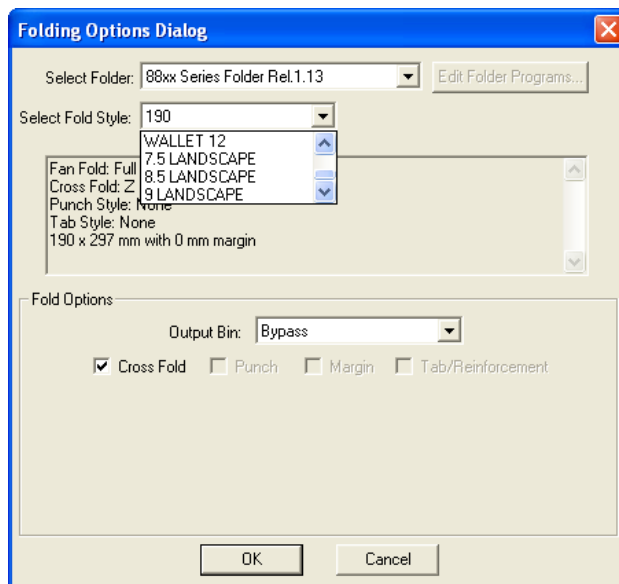
*Fig 11.20  
Finishing  
Options  
tabbed  
dialog box  
when GFI  
Folder is  
selected  
the first  
time*





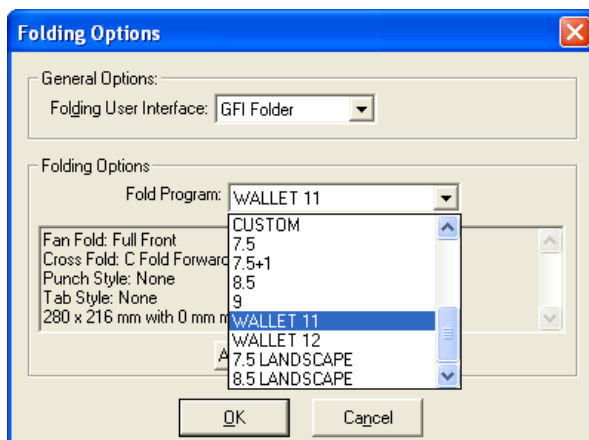
- Click on the **Advanced Options...** button. This opens the Folding Options Dialog box.

*Fig 11.21  
Folding  
Options  
dialog box  
displaying  
the Select  
Fold Style  
drop down  
list*

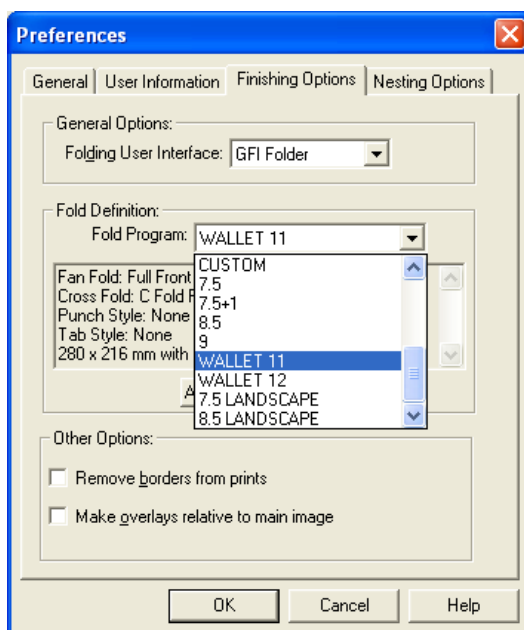


- Ensure that your folder is listed in the **Select Folder** drop down list.
- Select the desired fold type from the **Select Fold Style** list box. It may be necessary to use the scroll bar to locate the desired fold type.
- Select the desired **Output Bin** from the provided drop down list.
- Depending on your folder the **Cross Fold**, **Punch**, **Margin**, and **Tab/Reinforcement** check boxes may be available for selection. Select or deselect any of these options by clicking the appropriate check box.
- Click on the **OK** button. The selected folding configuration is added to the Fold Program drop down list for future use.

*Fig 11.22  
Folding  
Options  
dialog box  
with the  
Fold  
Program  
drop down  
list now  
available*



*Fig 11.23  
Finishing  
Options  
tabbed  
dialog box  
with the  
Fold  
Program  
drop down  
list now  
available*



9. Select the **OK** button if you are satisfied with the selected options.

## PFS support for GFI Folding

PFS support is available for GFI Folding. It is necessary to specify values for the following PFS keywords when using GFI Folding:

- **FolderName:** This is the name of the GFI folder. Type in the name exactly as it appears in the FPF.
- **FoldProgram:** This is the fold program number. Specify the numeric value as assigned in the FPF.
- **OutputBin:** This is the output bin number. Specify the numeric value assigned in the FPF.
- **TitleBlockLocation:** Specify the title block location by entering one of the following values:
  - **DontCare**
  - **LowerLeft**
  - **LowerRight**
  - **UpperRight**
  - **UpperLeft**
- **FirstFold:** Select either a Yes or No value. Selecting Yes enables the fan fold
- **SecondFold:** Select either a Yes or No value. Selecting Yes enables the cross fold
- **FoldMarginEnable:** Select either a Yes or No value. Selecting Yes enables a Fold Margin
- **FoldMargin:** Specify a value for the fold margin depending on the size units selected.

More information on PFS support is available in Appendix D.

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