


General Operation  
and  
Folding Programs  
for the  
FOLDJET 2000



Manufacturer: Basys GmbH.  
Wilhelm-Fressel-Straße 4  
D-21337 Lüneburg  
Germany  
Telephone 0 41 31/95 23-0  
Telefax 0 41 31/5 79 78

---

We reserve the right to change or modify without notice. All proposals are subject to availability.

Copying of this Manual in whole or in part, transmission of this document or its contents to Third Parties or commercial is strictly forbidden unless agreed to in writing. Infringements upon these rights shall incur claims for damages. All rights are reserved for patents, registration of design or trademarks applied for or granted.

---



Folding for DIN A0 & E size Formats.



Folding for DIN A1 & D size Formats.



Folding for DIN A2 & C size Formats.



Folding for DIN A3 & B size Formats.



Wildformat Folding / Stop. The size of material to be folded may be a minimum length of 420 mm (16.5") by up to 30 m (100'). Stop-During the folding process this key functions as a emergency stop/wait command. Once depressed the folding process will stop and not resume until re-depressed. The advance or reverse keys can also be used to remove the paper from the folder without folding.



Wildformat: Packetfold Format.



Folding with or without border. A fold with border or margin can only be carried out with the fold width of 190 mm (7.5"). Folds without borders are performed with the last edge of the folded paper even with the outer edge.



Fold width of 190 mm / 7.5 inch.



Fold width of 210 mm / 8.25 inch.

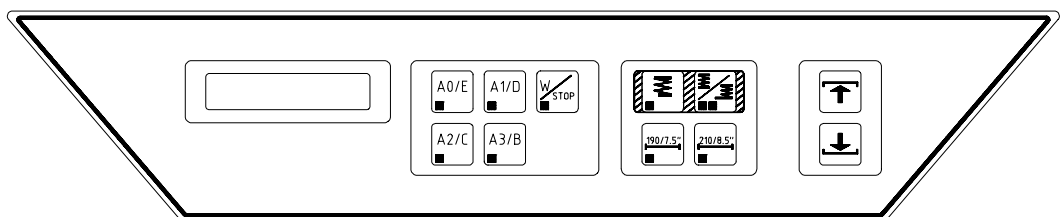


Manual Forward: Depressing this key during the folding process will stop the folding and while still depressed advance the paper into the paper receiving tray. Continuously depress this key until the paper is completely out of the folder.



Manual Reverse: Depressing this key during the folding process will stop the folding and while still depressed reverse the paper back to the feed in table. Continuously depress this key until the paper is completely out of the folder.

The use of either the Manual Forward or Reverse keys during the folding process stops the folding process and will remove the paper un-folded from the folding machine.



Display panel

## Feeding Instructions

### Positioning of the Paper

- Lay the paper flat on the feed in table.
- Smooth out paper and flatten any folded edges.
- Make sure the first few inches of the leading edge(15 -20 cm)is not curled. If curl exists re-roll the paper against the curl to flatten out the paper.
- Position the plan face up with the title block in the lower right hand corner as per the diagram on the paper guide.
- Lightly bring the paper into contact with the inside edge of the paper guide, (Note: Do not push too firmly as this will cause the paper to crease) then with a constant motion move the paper parallel to the paper guide to the paper guide roller. Make sure the paper remains square and flat upon entry to the folder.
- Please note that the leading edge will be on top after the folding is completed.
- Do not feed in the next sheet until the folding of the first sheet is completed and the paper has exited to the paper receiving tray. Also make sure that the next sheet to be folded is not under the sensors in the paper guide area as this will cause a default message or cause the first sheet to be folded incorrectly.
- Once the first sheet has been fanfolded the plan may be re-introduced to the folder to perform the crossfold. This operation is automatic as the FOLDJET detects the narrow width of the folded paper and goes into the crossfold mode. Remove the folded plan from the receiving tray and smooth out the fold on the paper feed in table. Move the plan against the lower edge of the paper guide and with a constant motion move the plan to the paper guide roller. Please note that the maximum size which can be cross folded is A0/E size format.



To enter User Set-up press both the Packetfold and Border keys simultaneously. By use of the keys you will be able to move through the menu and reset the values.

Sheet Counter: This indicates the total number of sheets which have been folded. With the key you are able to reset the counter to zero.

Software Version: Current Software-Version installed in the FOLDJET.

Foldwidth Change 190 mm / 7.5" : With the keys you are able to adjust the foldwidth. The key will set the desired width to memory. Range: 100 - 330 mm./ 4.1 - 13"

Foldwidth Change 210 mm / 8.25" : Setting same as 190 mm. Range: 100 - 350 mm./ 4.1 - 13.75"

Margin Change: Setting same as 190 mm. Range: 10 - 50 mm./ 0.4 - 1.96"

Paper Format: Press to change the format type, Press to enter your choice to the menu. The available Formats are DIN 824, US-Architectural and US-Engineering .

Language: The language used on the display panel can be changed between German and English by pressing the key.

Crossfold Width: Setting for Crossfold width same as for setting foldwidth 190 mm. Range: 100 - 350 mm./ 4.1 - 13.75"

Crossfold On/Off: With the key you can switch the crossfold function on or off.

Crossfold norm/inv.: This mode enables you to change the edge of the folded material introduced into the paper guide. In the normal mode the title block is face up as the leading edge first into the folder with the border edge in the paper guide. By pressing the key the mode changes to inverted so that the folded drawing can be introduced with the border side opposite the paper guide and the title block face down.

Measurement Units: By pressing the key the unit of measurement can be changed from inches to mm.

End User Set-up: You may end the User Set-up menu by pressing the key or continue through the program again by pressing the up arrow key.









## Standards (User Set-up)

	Default	Minimum	Maximum
Fold width	210/8.25 190/7.5	100/4.1 100/4.1	350/13.75 330/13
Margin/Border	20/0.8	10/0.4	50/1.96
Crossfold	297/11.75	100/4.1	350/13.75
Units	mm	Inches	
Format	DIN	Engineering	Architactural
Language	German	English	



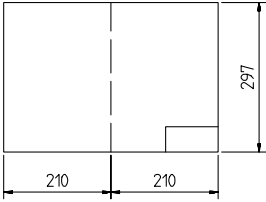
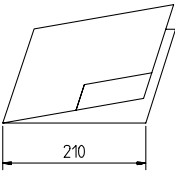


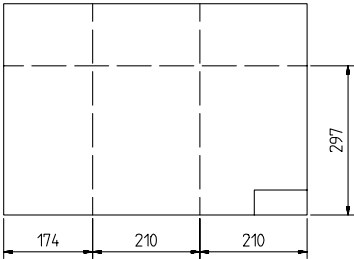
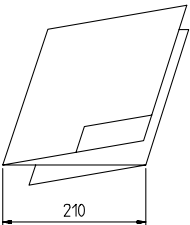
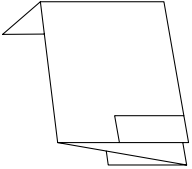


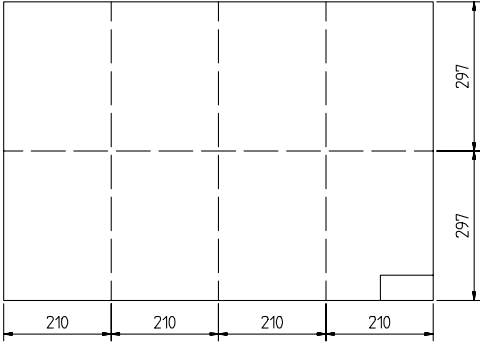
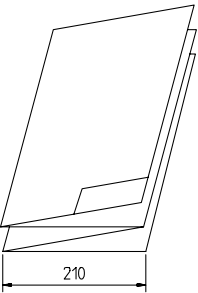
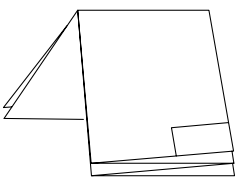


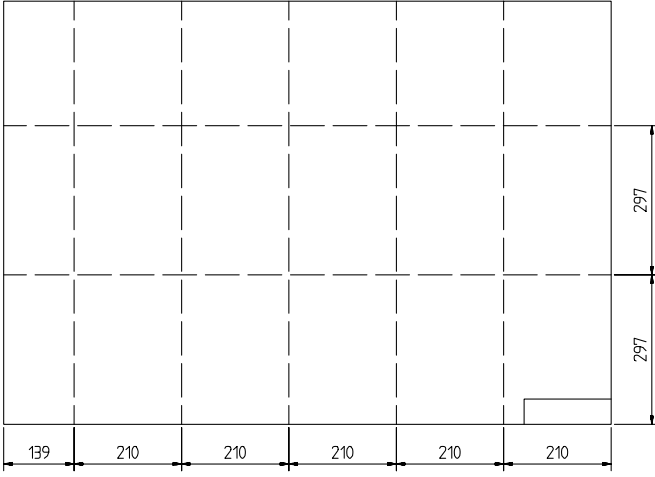
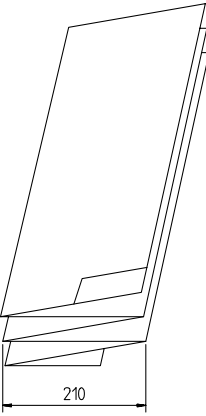
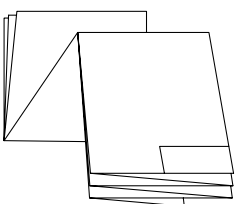
## Cleaning and Service

During regular use the feed in table may become dull and sticky. Clean the table and paper guide area with a soft cloth using a non-abrasive cleanser. Apply a silicone spray or similar product evenly over the feed in table surface. Keep the paper guide area clean and free of paper dust and scraps of paper. Regular inspection of the paper rollers is important for proper operation of the FOLDJET. Refer to the Operators Manual for further information on the safe operation of the FOLDJET.

# Folding for DIN 824 with margin













Format	Folding Schematic	Profile	Crossfold
<p>DIN A3 297x420</p>  			
<p>DIN A2 420x594</p>  			
<p>DIN A1 594x841</p>  			
<p>DIN A0 841x1189</p>  			

### Folding for DIN 824 without margin




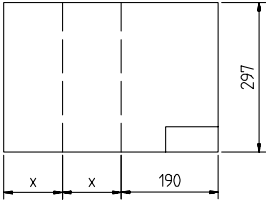
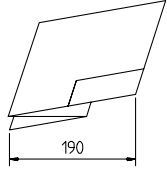



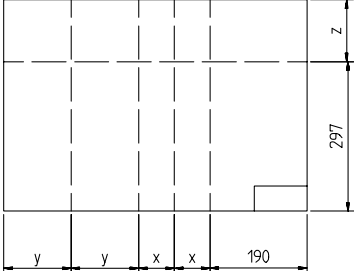
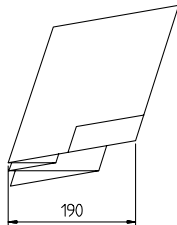
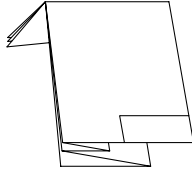



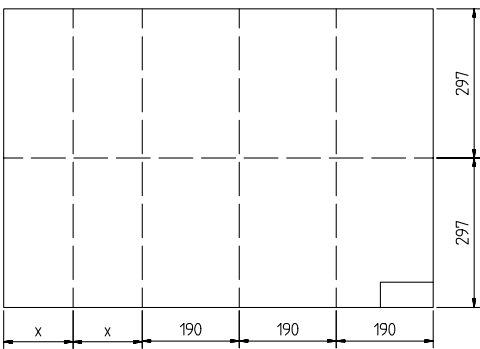
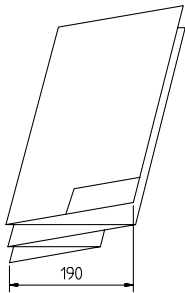
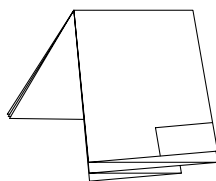



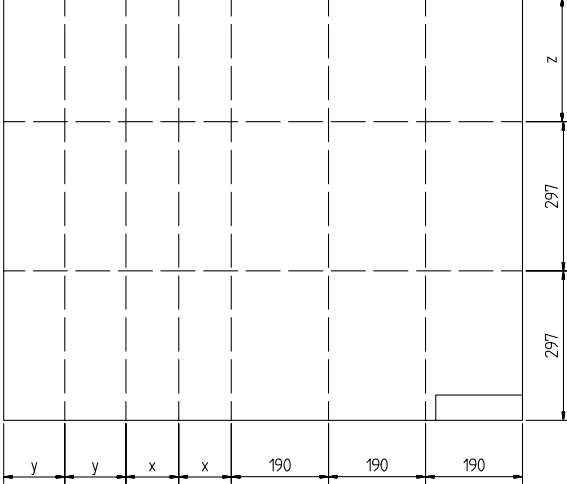
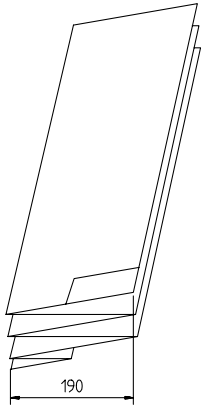
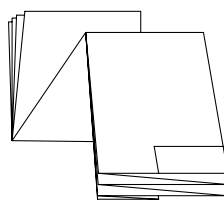
Format	Folding Schematic	Profile	Crossfold
DIN A3 297x420  			
DIN A2 420x594  			
DIN A1 594x841  			
DIN A0 841x1189  			















Freeformat 190 mm/7.5" with margin

Format	Folding Schematic	Profile	Crossfold
<p>Length: 420-590</p>   			
<p>Length: 591-729</p>   			
<p>Length: 730-969</p>   			
<p>Length: 970-1109</p>   			



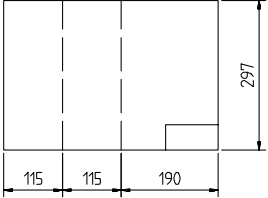
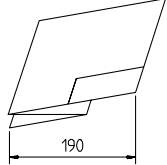


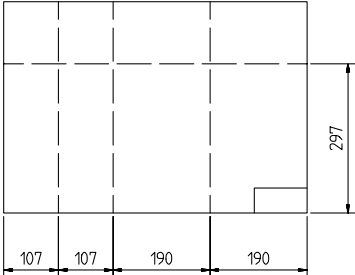
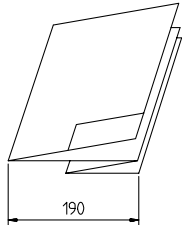
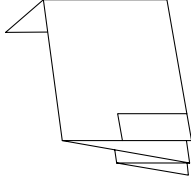


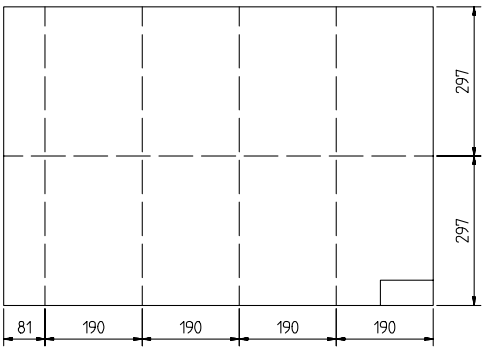
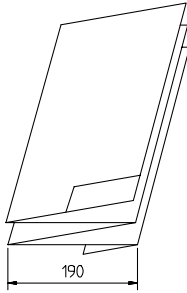
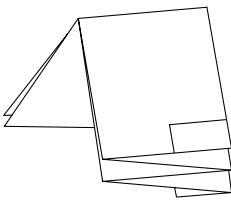


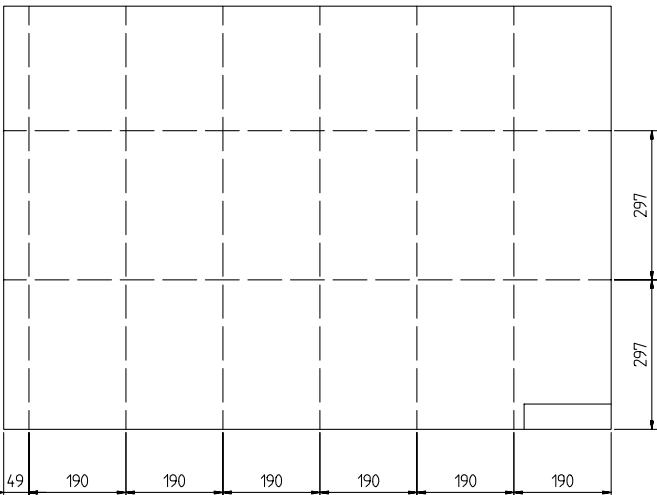
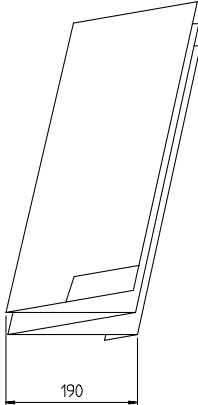
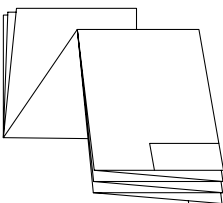
Freeformat 190 mm/7.5" without margin

Format	Foldig Schematic	Profile	Crossfold
<p>Length: 420-570</p>   			
<p>Length: 571-709</p>   			
<p>Length: 710-949</p>   			
<p>Length: 950-1089</p>   			



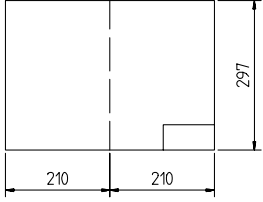
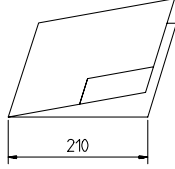



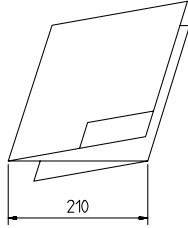
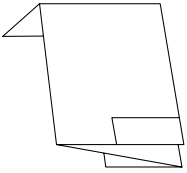


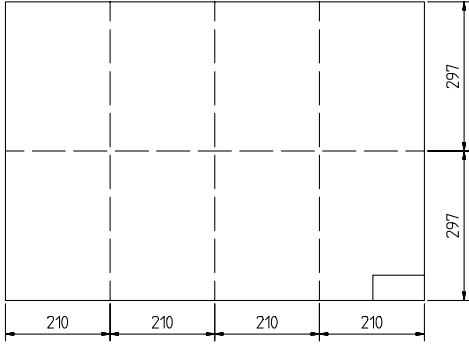
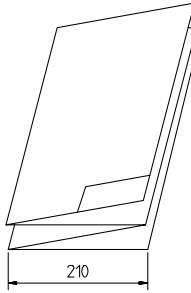
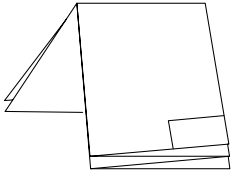


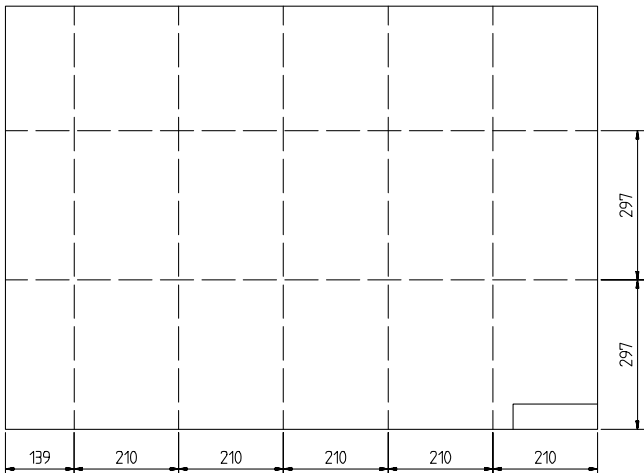
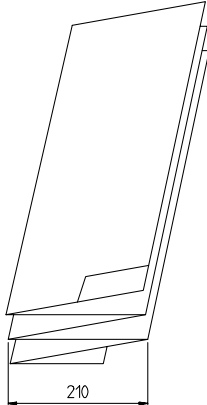
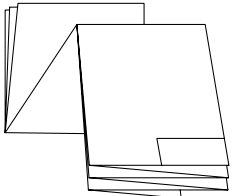
Freeformat 210 mm/8.25" without margin

Format	Folding Schematic	Profile	Crossfold
<p>DIN A3 297x420</p>   			
<p>DIN A2 420x594</p>   			
<p>DIN A1 594x841</p>   			
<p>DIN A0 841x1189</p>   			



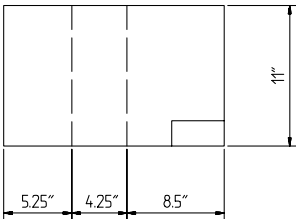
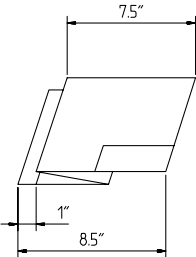


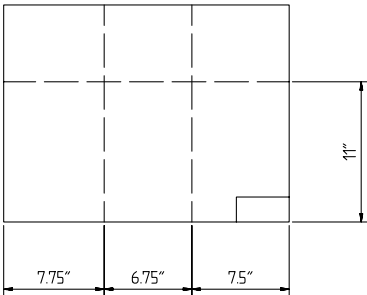
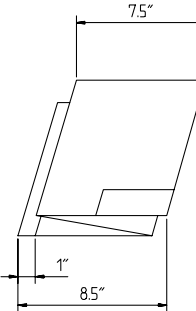
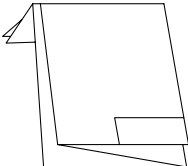


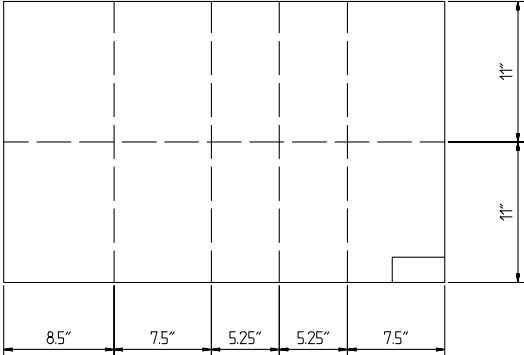
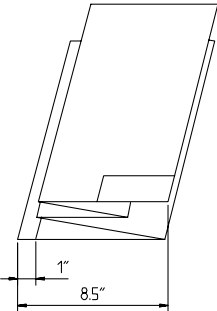
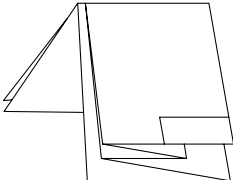


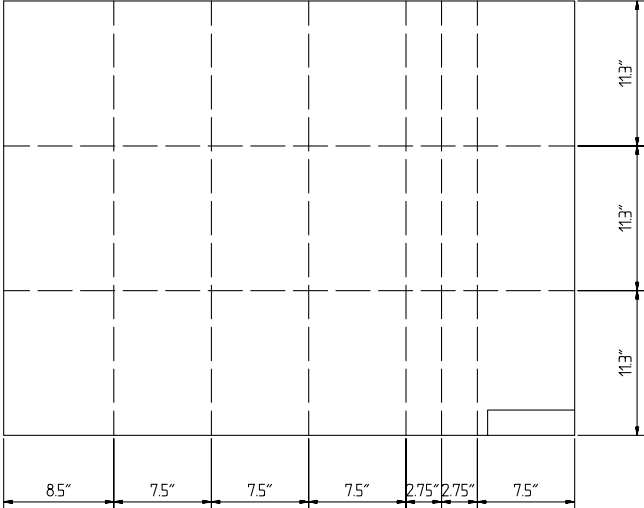
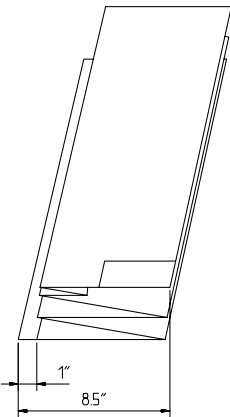
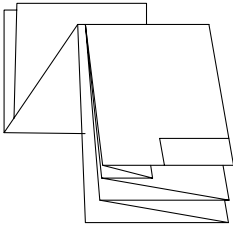
Packetfold 190 mm/7.5" without margin

Format	Folding Schematic	Profile	Crossfold
<p>DIN A3 297x420</p>  			
<p>DIN A2 420x594</p>  			
<p>DIN A1 594x841</p>  			
<p>DIN A0 841x1189</p>  			



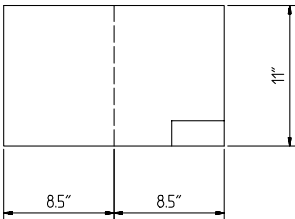
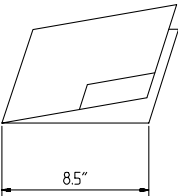


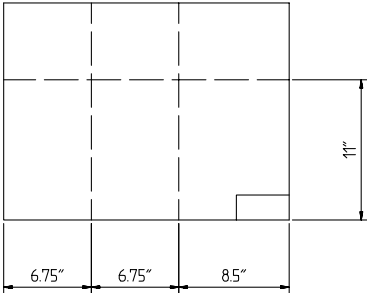
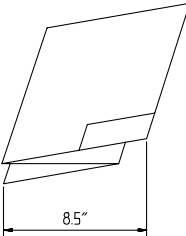
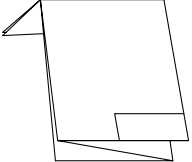


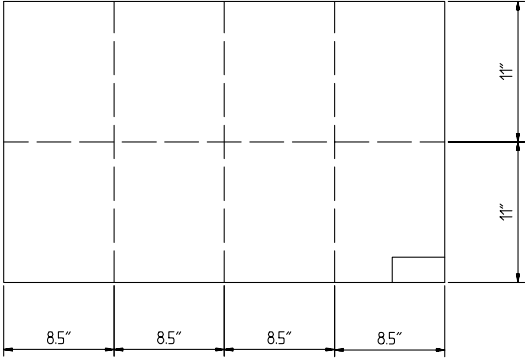
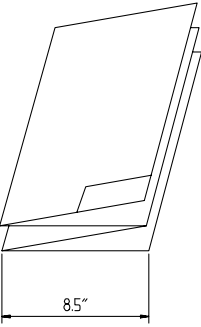
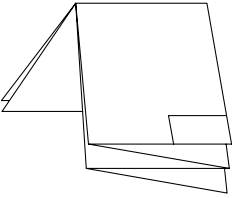


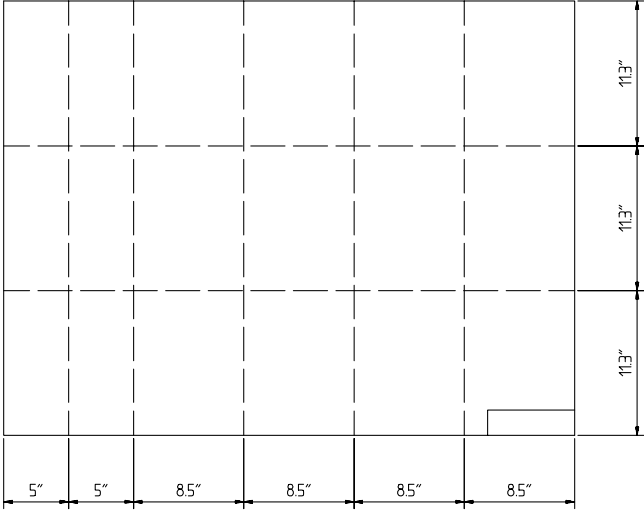
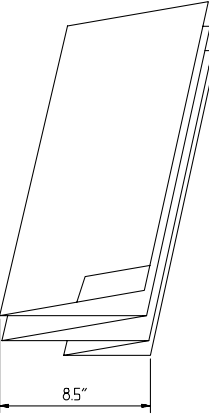
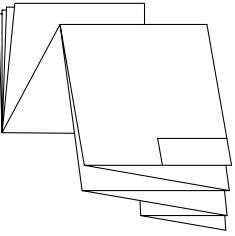
Packetfold 210 mm/8.25" without margin

Format	Folding Schematic	Profile	Crossfold
<p>DIN A3 297x420</p>  			
<p>DIN A2 420x594</p>  			
<p>DIN A1 594x841</p>  			
<p>DIN A0 841x1189</p>  			



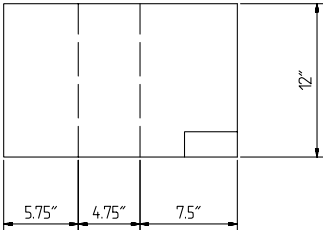
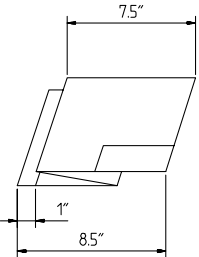



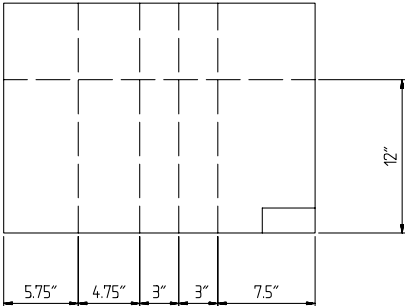
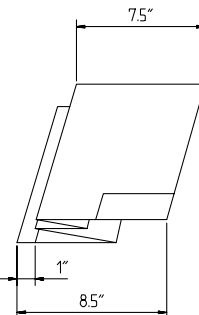
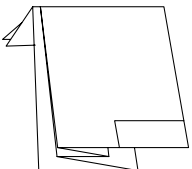


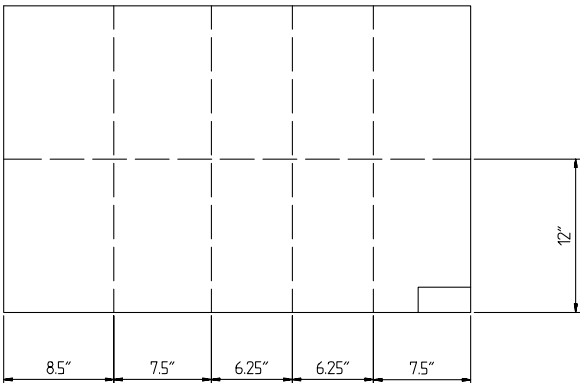
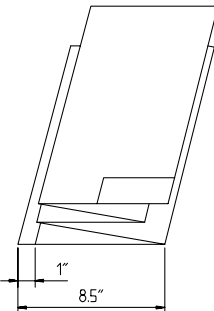
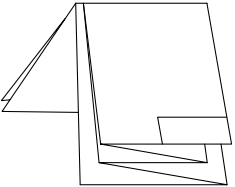


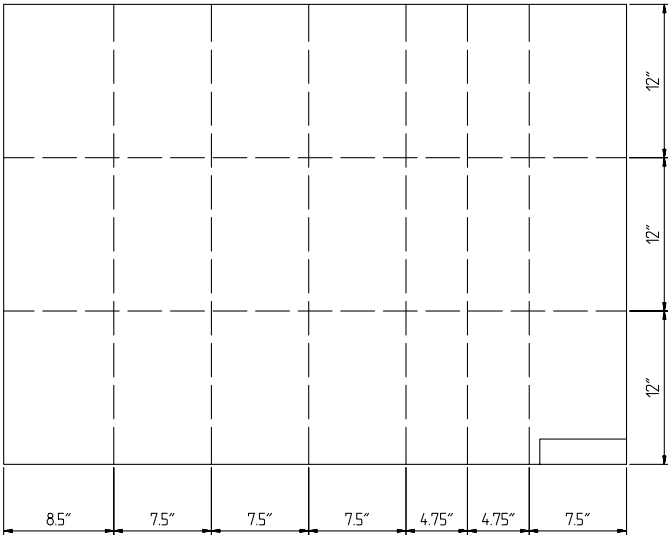
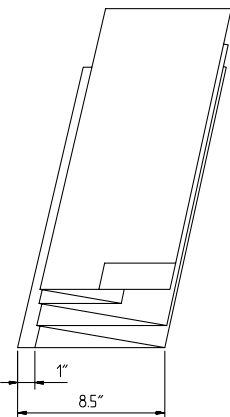
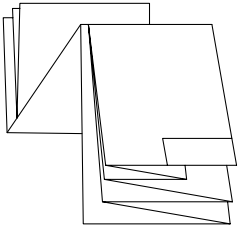
# Folding for US-Engineering with margin

Format	Folding Schematic	Profile	Crossfold
<p>B 11"x17"</p> <p>A3/B</p>  			
<p>C 17"x22"</p> <p>A2/C</p>  			
<p>D 22"x34"</p> <p>A1/D</p>  			
<p>E 34"x44"</p> <p>A0/E</p>  			

# Folding for US-Engineering without margin



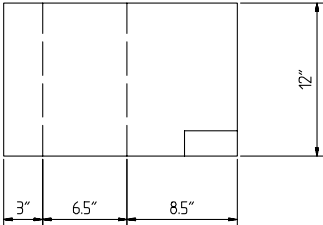
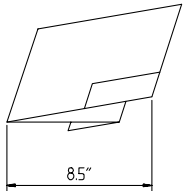


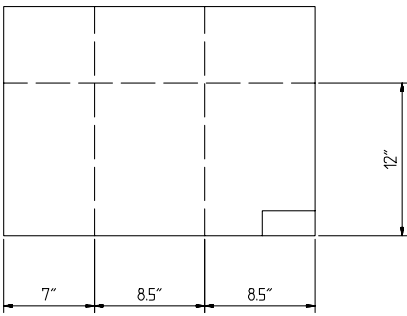
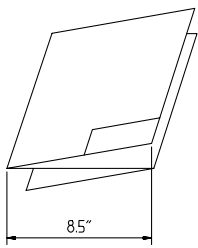
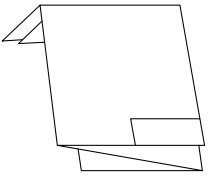


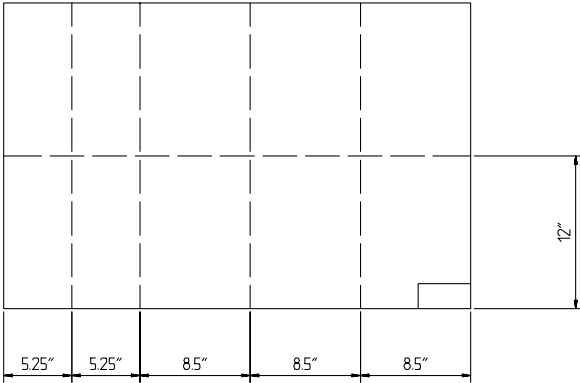
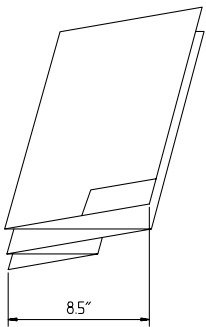
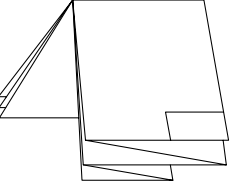
Format	Folding Schematic	Profile	Crossfold
<p>B 11"x17"</p> <p>A3/B</p>  			
<p>C 17"x22"</p> <p>A2/C</p>  			
<p>D 22"x34"</p> <p>A1/D</p>  			
<p>E 34"x44"</p> <p>A0/E</p>  			

# Folding for US-Architectural with margin

Format	Folding Schematic	Profile	Crossfold
<p>B 12"x18"</p>  			
<p>C 18"x24"</p>  			
<p>D 24"x36"</p>  			
<p>E 36"x48"</p>  			



# Folding for US-Architectural without margin

Format	Folding Schematic	Profile	Crossfold
<p>B 12"x18"</p>  			
<p>C 18"x24"</p>  			
<p>D 24"x36"</p>  			
<p>E 36"x48"</p> 