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Technical bulletin

Pandora 2.0 New Features

This document describes the new features in Pandora 2.0 and how to use them.

Automatic Bleed Path Generation

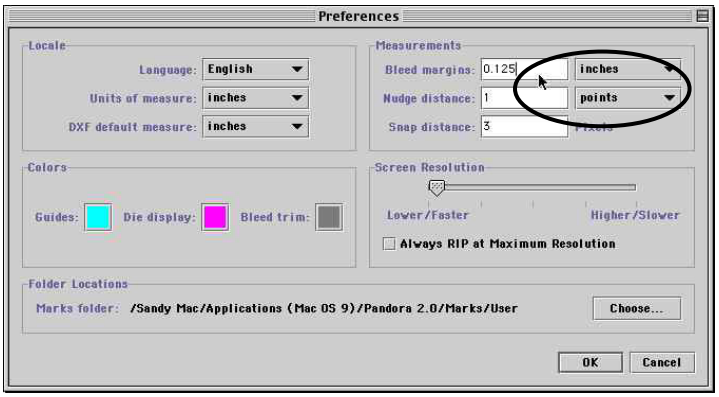
When artwork is snapped to a die, a non-rectangular bleed path based on the die station shape will be generated and applied to the artwork in each station.

The following pre-conditions must be met:

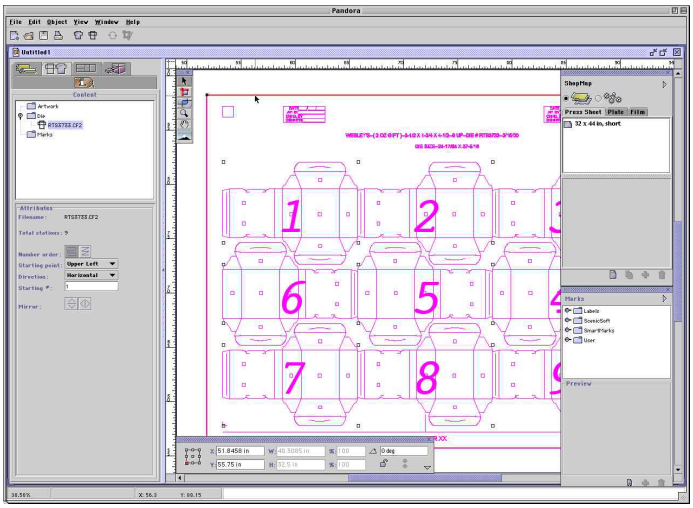
- The die must be a CFF2 or DDES2 file
- There must be at least one valid die station identified in the die
- Artwork trim must have been set to the die using PitStop or the Geometry tool plug-in in Adobe Acrobat
- The die station must be continuous (no breaks in the line segments composing the shape)

Generating an Automatic Bleed Path:

1. Import the CAD file into Pandora.
2. From the Pandora Menu select **Edit > Preferences,** then enter the desired amount of bleed in the Preferences dialog box that opens.



3. Drag and drop the CAD file into JIV (Job Imposition View).



4. Select the CAD.

5. Drag and drop the Artwork into the JIV.

   The Artwork will snap into the die stations and the bleed path is generated automatically.



Overlap Bleed Resolution

Pandora will detect the intersection of two bleeds and allow for control of which bleed takes precedent.

The following pre-condition must be met:

- Pandora will only detect overlaps within CAD files

Resolving an Overlap Bleed:

1. From the **Toolbar** select the **Overlap Bleed Resolution** tool.



The intersecting bleeds will be highlighted in cyan



2. Select the region in which you want to adjust the bleed overlap

    a) If artwork “A” should overlap artwork “B”, then the user would select artwork “A” and vice versa.

    b) If the overlap should be resolved to a split (both bleeds pulled back equally), then simply double-click on the highlighted region between the two artworks.

Die Mirroring

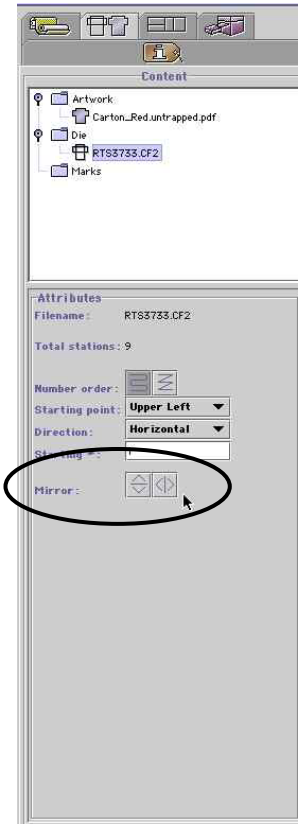
To create layouts for packages the requires doublesided printing. Pandora needs to be able to use the same die file for both the front and the back layouts. To do this we need to be able to mirror the CAD die file.

The following pre-condition must be met:

- A Die file must be imported into the job

Using Die Mirroring:

1. Import CAD die.
2. Select the mirror vertical or mirror horizontal button (or both).



The Die is transformed along the appropriate axis.

Note 1: If die station numbering has been applied before mirroring, the subsequent numbering will not be "aware" of the mirror changes. The marks won't be flipped and renumbered.

Note 2: If a die has been rotated, the effects of mirroring will be cumulative.

Die Station Numbering

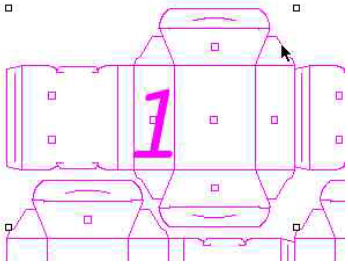
Pandora will generate automatic station numbering

The following pre-condition must be met:

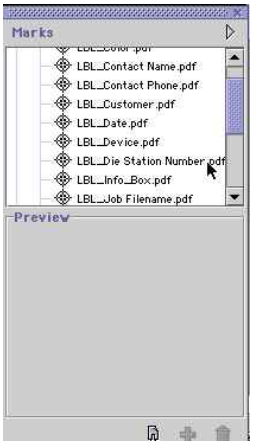
- A CAD die with valid die stations is required

Using Die Station Numbering:

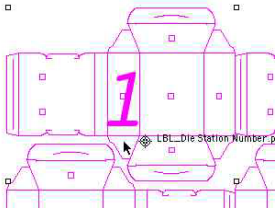
1. Drag the CAD file into the JIV window.
2. Select a single 1-up station.



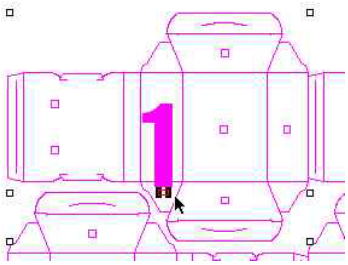
3. From the **Labels** folder under the **Marks** window, select the mark **LBL-Die Station Number.pdf**.



4. Drag the **LBL-Die Station Number.pdf** onto a desired position on the 1-up station.



The large station number in the die station will turn BOLD indicating that a station number is bounded to the station.

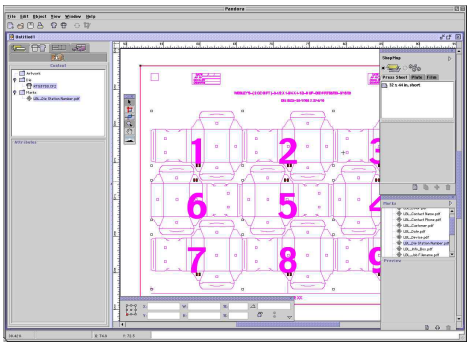


5. From the JIV, select the 1-up that the station mark was applied to.

6. From the **Object** menu, select **Apply To All**.



The mark is copied to each die station on the die in the correct position and orientation relative to the die station position and orientation.



7. From the JOV, select the CAD file.

   An attributes window opens.



8. From the **Attributes** window, specify the order in which the station numbers should flow.

   Order:

   a. Snaking

   b. Zig Zag

   Starting Point:

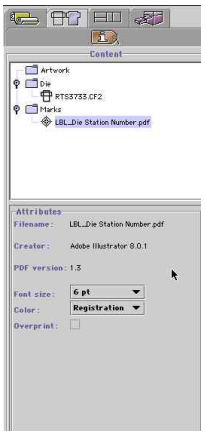
   a. upper left, upper right, lower left, lower right

   b. Vertical or Horizontal

   Starting number

9. From the JOV window, select the **LBL-Die Station Number.pdf**.

   An Attributes window opens.



10. From the **Attributes** window, define Font size and Color Separation as well as Overprint.

Note: The **LBL-Die Station Number.pdf** mark is a variable mark and will be displayed onscreen in Pandora as <#> until output.

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