Application Note

English

PS/M 7.x to Dolev 800 Punch Orientation and Expose Area

399Z3R446A

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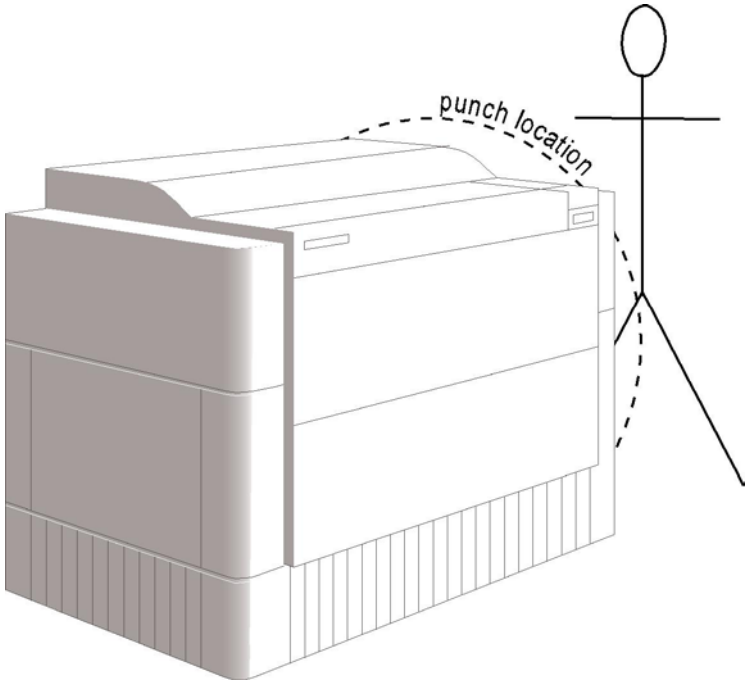
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PS/M 7.x to Dolev 800 Punch Orientation and Expose Area

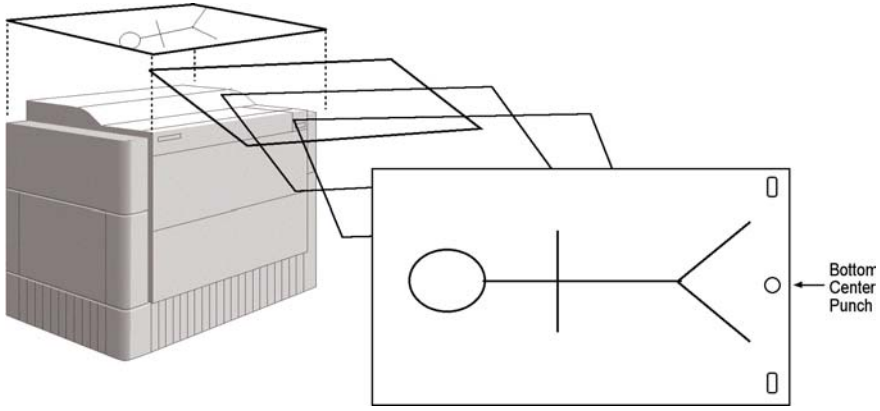
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Punch Orientation

The punch on Dolev 800 imagesetters is located on the right side of the machine. That is, when you stand on the right side of the Dolev 800, the punch system is in front of you.

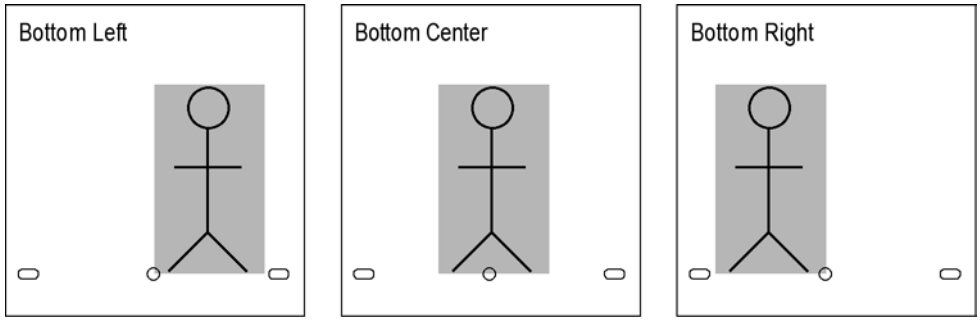


A Tall or Portrait orientation of an image is exposed with the bottom of the page adjacent to the punch (whether **Punch** is selected or not).



Punch Alignment

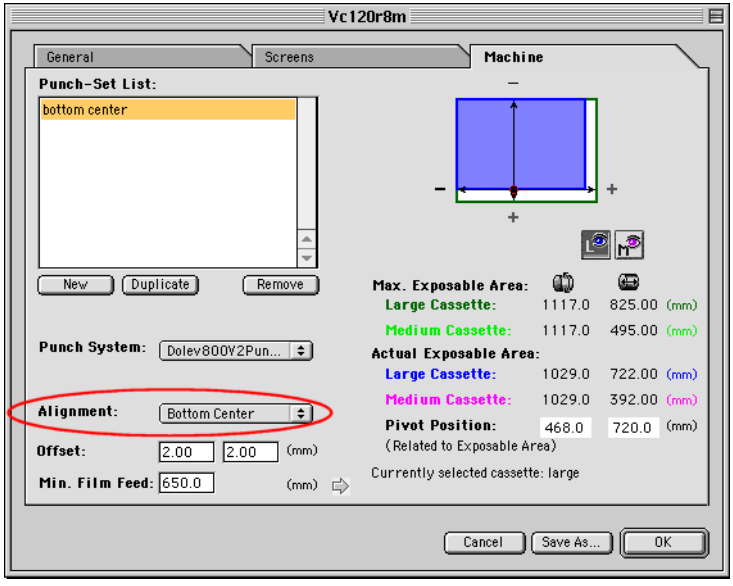
The PS/M punch **Alignment** parameter includes the vertical (Bottom, Middle, or Top) and horizontal (Left, Center, or Right) position of the image on film in relation to the punch holes.



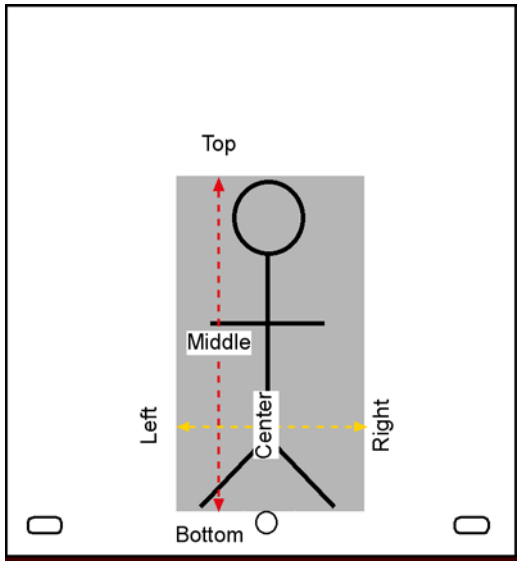
A graphic representation of some of the available alignments

Important: Middle refers to the vertical dimension height and **Center** refers to the horizontal dimension width.

The **Alignment** parameter is located on the **Machine** tab of the **Screen Set** dialog box.



For example, a **Bottom Center** alignment places the bottom of the image toward the edge of the film that has the punch holes, and the midpoint of the image width exactly above the center punch holes.



A Bottom Center punch alignment

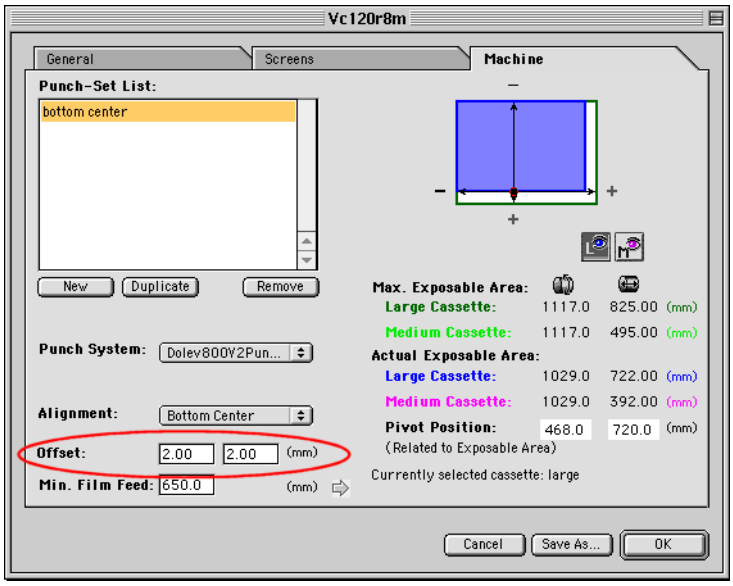
The red dotted line illustrates the vertical alignment of the image on the film in relation to the punch holes.

The yellow dotted line illustrates the horizontal alignment of the image in relation to the punch holes.

Punch Offset

The PS/M **Offset** parameter enables you to define the distance (offset) between the image and the punch holes.

The **Offset** parameter is located on the **Machine** tab of the **Screen Set** dialog box.



In the **Offset** boxes:

- The left box controls the image movement up and down in relation to the punch holes.

  A positive value moves the image down (toward the punch).

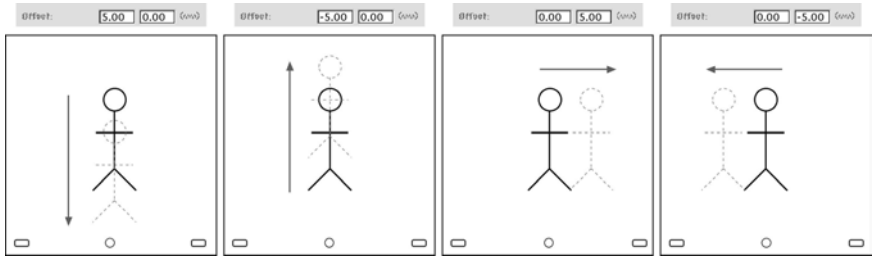
  A negative value moves the image up (away from the punch).

- The right box controls the image movement left and right in relation to the punch holes.

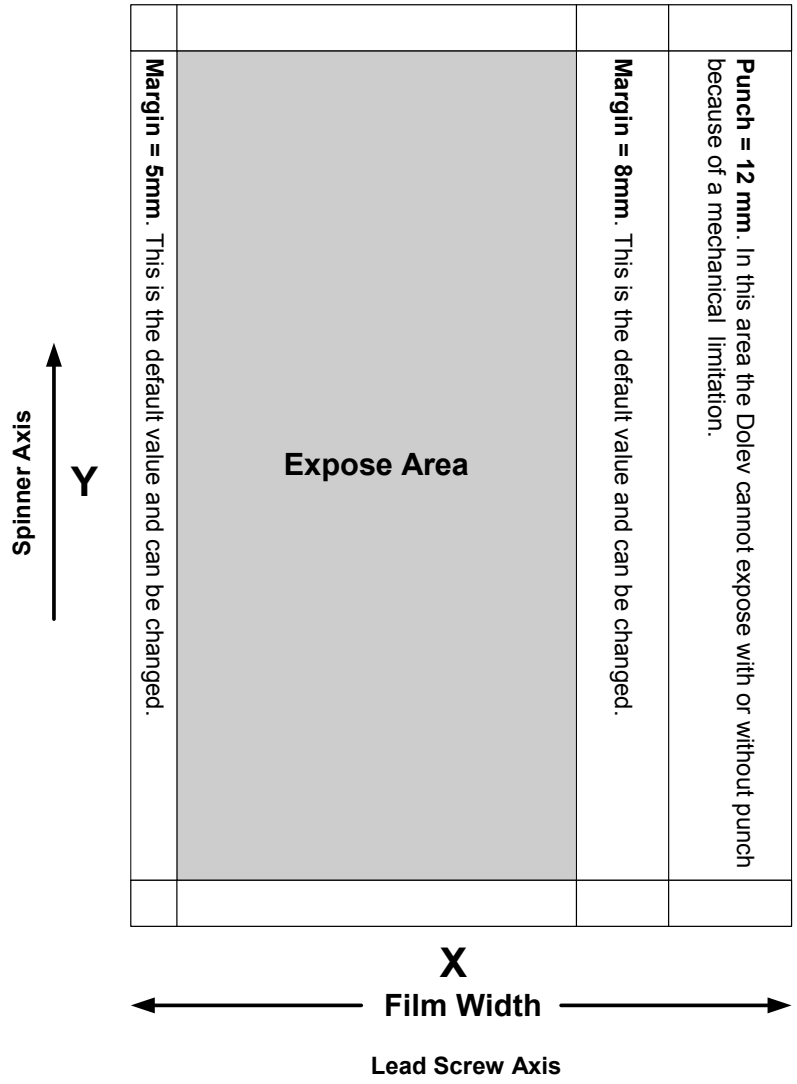
  A positive value moves the image to the right.

  A negative value move the image to the left.

The figure below illustrates how various positive and negative values in the **Offset** box effect the positioning of the image relative to the punch holes.



Dolev 800V^2/800V^3 Expose Area



Expose area calculation:

Expose width (Lead Screw Axis) = Film width - (5mm+8mm+12mm).

For example, using film 863mm wide,
Expose width is:
863 - (5 +8 +12)= 838mm.