

## HELPFUL TIPS

### Automatic Needle Threader

The following is additional information on how to use the needle threader on your heavy duty machine. Please see page 18 in your manual for basic information.

- Set the Pattern Selector Dial (see item # 13 on page 2 of the manual) to **Straight Stitch**.
- Set Stitch Width Dial (see item # 11 on page 2 of the manual) to **0**.
- Set Three Needle Position Dial (see item # 9 on page 2 of the manual) to **center position**.
- Lower the needle threader as far down as it will go, then push it back gently so that the hook inside the threader will slip into the eye of the needle.
- *The needle threader is designed to work best with a size 14 needle. Your machine is equipped with a standard size 14 needle at the factory.*

### Stitch Width Dial / Three Needle Position Dial

The following is additional information on how to set the needle position on your heavy duty machine. Please see pages 26 and 28 in your manual for basic information.

The stitch width dial (see item # 11 on page 2 of your manual) is also the control for the straight stitch infinite needle position. In order to set the Three Needle Position Dial (See item # 9 on page 2 of the manual) to the left, in the center or to the right, the Stitch Width Dial must be set to "**0**" position. To use this function your Pattern Selector Dial (see item # 13 on page 2 in the manual) must be set at **Straight Stitch**. For an infinite needle position, first set the Three Needle Position Dial so that the needle is positioned to the right and then by moving the stitch width dial between "0" and "6", you can position the needle where you require it.

### Decorative Stitch Patterns

The following is additional information on how to obtain better results for the *top row of stitches* illustrated on page 24 of the instruction manual.

For top row stitches B, C, D, E, I, J, and K follow these steps:

- Set the Three Needle Position Dial (see item # 9 on page 2 of the manual) to the **Center**.
- Set the Stitch Width Dial (see item # 11 on page 2 of the manual) to **6**. This will give you the widest stitch. If you would like a narrower stitch, set the Stitch Width Dial to between 1 and 5.
- Set the Stitch Length Dial (see item # 12 on page 2 of the manual) to **2**. You can adjust the density by moving the Stitch Length Dial to 1 to make the stitching closer, or towards 4 to make it longer.

For top row stitches F, G, and H follow these steps.

- Set the Three Needle Position Dial (see item # 9 on page 2 of the manual) to the **Center**.
- Set the Stitch Width Dial (see item # 11 on page 2 of the manual) to **6**. This will give you the widest stitch. If you would like a narrower stitch, set the Stitch Width Dial to between 1 and 5.
- Set the Stitch Length Dial (see item # 12 on page 2 of the manual) to **1**. You can adjust the density by moving the Stitch Length Dial to 0.5 to make the stitching closer.