



ARL1800-2700 ROLL LAMINATOR



CSL2700 ROLL LAMINATOR



Loading and Threading Roll Laminating Film

FOR NON-COLOR-CODED LAMINATORS & FILM:

Select the two rolls of laminating film that you wish to use. Both rolls of film should be of the same size, type and thickness. Next, take the bottom supply mandrel (labeled "Low") and insert it into the roll of film until the "gripper dog" meets the film's cardboard core (photo 9-1). Rotate the mandrel in the opposite direction from which the "gripper dog" points. As you rotate, apply pressure to force the mandrel into the roll of film and proceed to center it on the mandrel.

See Figure 8-1.

Place the loaded mandrel on the laminator. Insert the right side first and then lower the left side into the roll bracket. Take the top supply mandrel (labeled "Top"), insert it into the roll of laminating film, and place it in the top position as with the lower (process shown in photos 9-1, 9-2).

Note: 1" core laminating film is rolled adhesive side in ("poly in"). When loading film on mandrel, be sure roll is positioned correctly to unroll as shown in figure 8-1. If the roll is loaded in reverse, the film could adhere to the laminator when heated.

Note: When loading your laminating film, check for film splices. These rolls will be clearly marked. Splices are not common, but are unavoidable. If you find a spliced roll, place it in the top position on the laminator so that the splice can be monitored carefully. When the splice is ready to come through the laminator, turn the drive and heat off, allow the machine to cool, and rotate the roll of film by hand so the film tension is very loose. Turn the drive switch on again and allow the splice to run through. If necessary, keep turning the roll of film by hand to keep it slack until the splice has passed through.

Caution: Do not apply excessive force to the ends of the mandrel (i.e. with a hammer, etc.). Excessive force will damage the mandrel. When loading the laminator, be sure the heat is turned off and the machine is cool to avoid chance of burns.

Note: Film rolls must be centered on supply mandrels. If the rolls are not aligned, hot adhesive will be deposited on the heatshoes and rubber rollers, necessitating a cleaning operation.

Caution: When loading the laminator for the first time, be sure that the heat is turned off and the machine is cool.



Photo 9-1



Photo 9-2



Photo 9-3

THREADING DIAGRAM

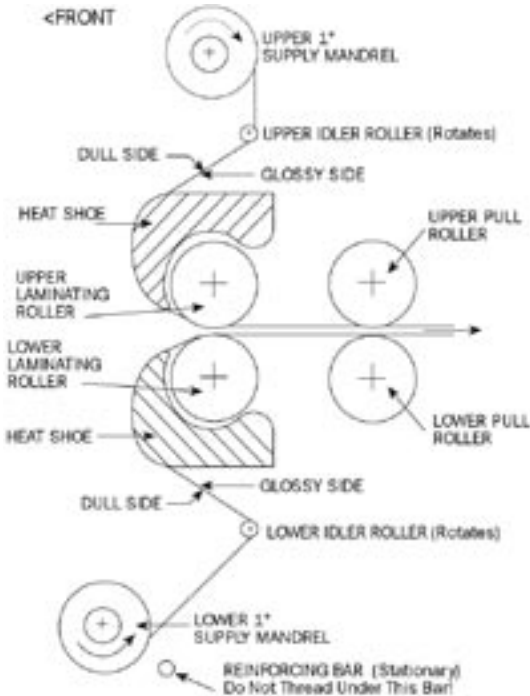


Figure 9-4

Thread the top roll of film under the idler roller as shown in the threading diagram on previous page (see Figure 9-4). Pull the film down so that the film's lead edge is below the lower heat shoe. Next thread the bottom roll of film under the lower idler bar pulling film upward until it is even with the top heat shoe (the film will overlap). Tape it to the top film edge. This creates a film "Web" (Photo 10-1 & 10-2).



Photo 10-1

Using Tension Adjustment knobs, loosen tension on both rolls of laminating film. Turn the speed control knob to a slow speed. Turn on the "Drive" switch and using the threading board—push the film web into the laminating rollers. This process will push the web into the pull rollers and exit. Ensure that the threading board and film exit between the rear pull rollers (Photo 10-3 & 10-4).



Photo 10-2: Creating Film Web

NOTE: If you lose your threading board or if it becomes damaged, you can make your own with a piece of poster board. Cut poster board 12" wide by the length of the laminator (18" or 27").

Your laminator is now loaded and ready to be heated. Remove the threading board and save for your next use.



Photo 10-3: Threading board and film web entering.

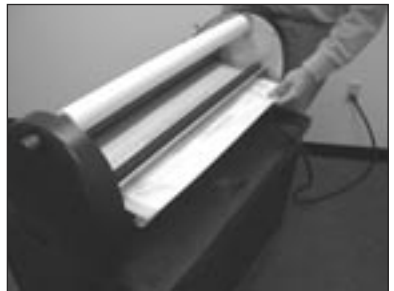


Photo 10-4: Threading board and film web exiting pull rollers.