

2. WARPING REEL

The vertical warping reel is recommended for warps with many colors and textures of threads. More than 10 spirals on the reel are not recommended, until you have some experience with this type of warping equipment.

Leclerc offers three kinds of vertical warping mills: a first one on which you can warp 20 meters (20 yards), i.e. 1,83 meter (2 yards) per turn, a second one on which you can warp 30 meters (30 yards), i.e. 2,75 meters (3 yards) per turn, and a third one on which you can warp 40 meters (40 yards), i.e. 3,66 meters (4 yards) per turn. (Refer to the Leclerc catalogue.)

Detach removable pieces at both ends of crossing pieces. (Fig. 320)

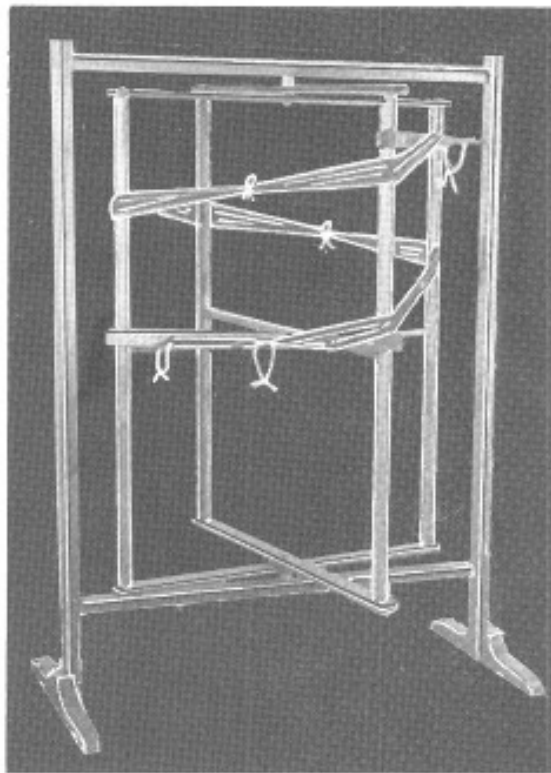


Fig. 321

Tie the ends of the threads coming from the spools to the end peg of the lower crossing. Following the guide thread, wind upwards in a spiral form. (Fig. 322)

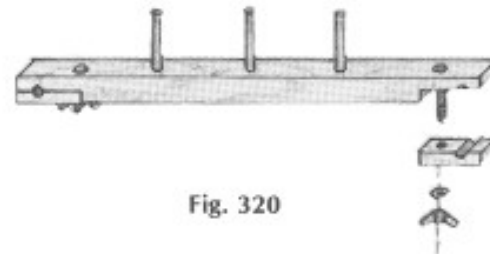


Fig. 320

Place groove of top crossing piece around upright pieces at the height that is convenient for the length of warp. Replace the removable pieces using the wing nuts.

Use a guide thread (different in color or texture from your warp) measured to the length of your warp wanted, to determine where the lower cross-piece should be placed and attach as before. (Fig. 321)

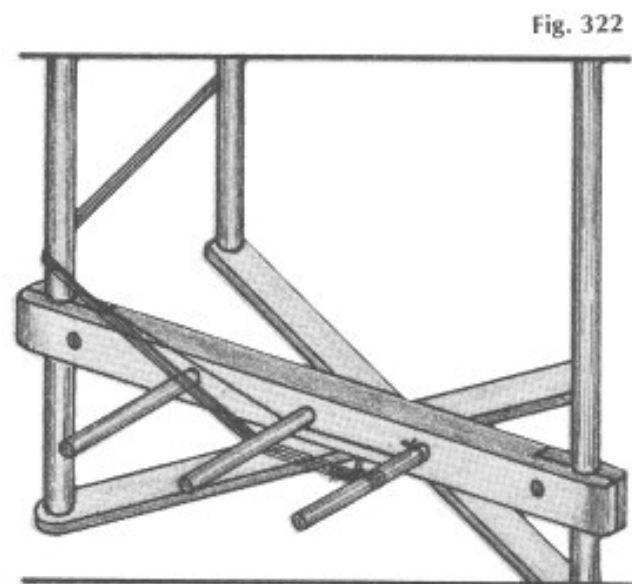


Fig. 322

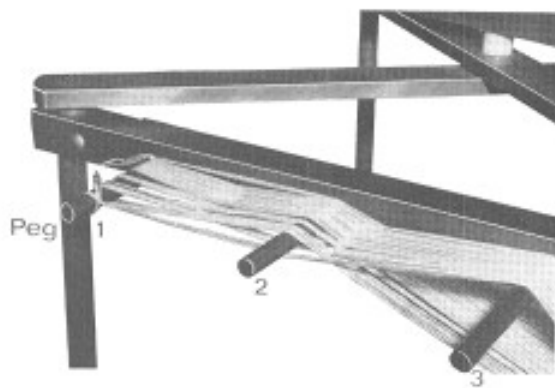


Fig. 323

When the top cross-piece is reached, make a cross in the form of a figure 8, always in the same direction; over the third peg, under the second, around the first, returning over the middle peg and under the third. (Fig. 323)

Return your threads close to those you have just placed, this time making the spiral towards the bottom.

Make another cross in the form of a figure 8 as you did on top of the reel and start the upward spiral (See Fig. 324)

When your warp spreads to wide on the reel, place the threads very close by hand, to get free space to continue to WARP DIRECTLY ON THE WOODEN FRAME OF THE REEL. Continue until you have the desired number of threads, remembering to tie your threads every 10th crossing for easier counting.

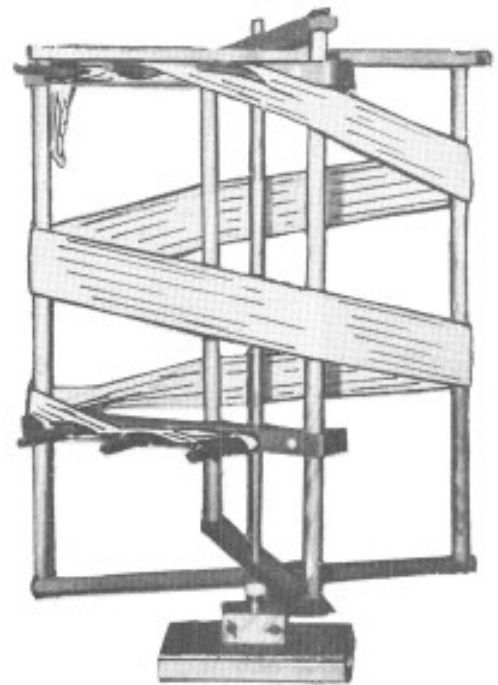


Fig. 324

If you have more than one color in your warp, you must place them on the warping mill in the same order you wish them in the reed. Always change color at peg 1, cutting ends and tying the next color to the ends.

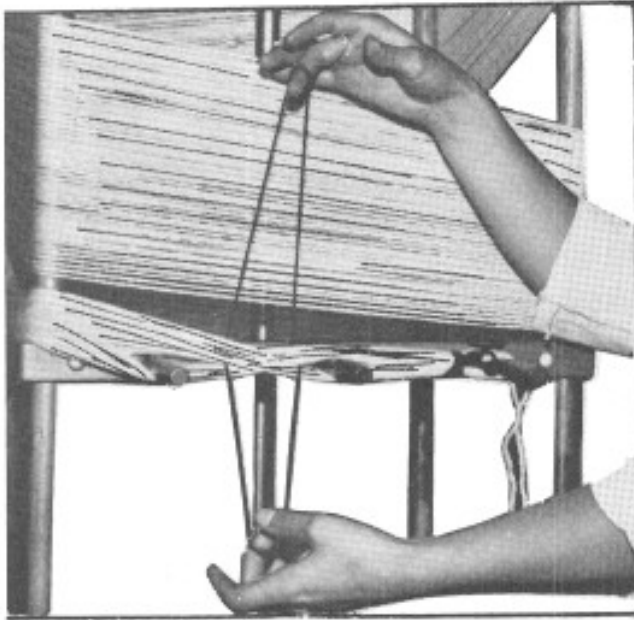


Fig. 325

Tie a string securely in the cross, the string long enough to allow to spread the warp on the width of reeding (example: 55 cm. - 22 in.).

We suggest that you tie the warp tightly at every turn of the warping mill. This will prevent the threads from sliding when beaming. (Fig. 326).

To remove the warp from the reel, grasp the warp firmly and slip the loop off the end peg.

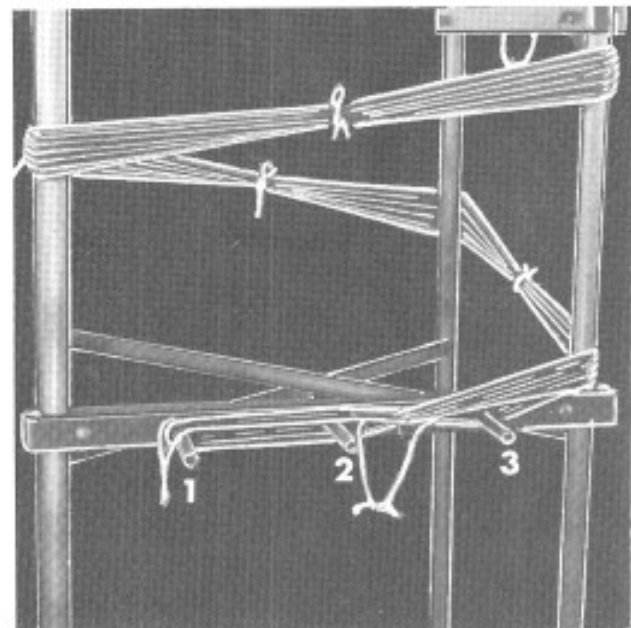


Fig. 326

To store your warp securely until you are ready to beam it, you can use either the basket or the crochet method to take the warp off the reel (see page 40).