

## DOROTHY 24" v2

# Leclerc Looms

Since 1876



**2410-0000 4 SHAFT LOOM**  
**2411-0000 8 SHAFT LOOM**

1573 Savoie  
C. P. 4  
Plessisville, Qc.  
G6L 2Y6

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### PARTS AS SHIPPED:

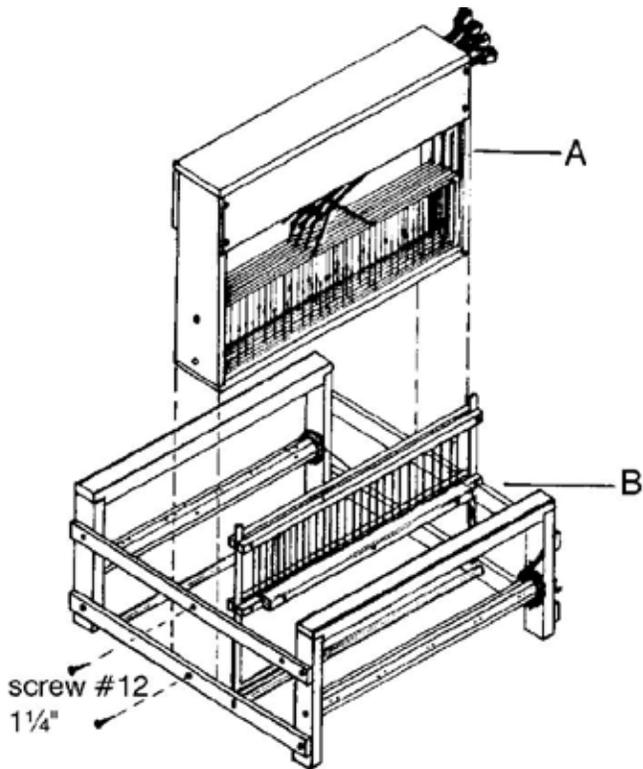
- 1 pre-assembled loom
- 1(2) (3) head 4 shafts (4 shaft loom)
- 4 (8) (12) screws #12 1 $\frac{1}{4}$ " (for the head)
- 1 Multi bits screwdriver
- 2 cranks
- 1 reed 12 dents per inch
- 600 wire heddles 9 $\frac{1}{2}$ "
- 1 boat shuttle 6122-0000 (SLIM)
- 1 reed and heddle hook 6141-7000
- 2 lease sticks
- 10, 18" (46cm) loop cords for lashing
- 2 (steel) warp rods
- 1 book Warp and Weave
- 1 Friction break wing nut



Loom Prepared by: \_\_\_\_\_

Inspected by: \_\_\_\_\_

Date: \_\_\_\_\_



After unpacking the loom, unfold the base and put the two little metal hooks (at the front side) in position (over the screws) and screw them in slightly so they hold in place. Take off the machine screws which are at the end of the beams and attach the crank to the right hand side by turning it. Because the metal of the crank is plated, it may be little difficult to attach the crank but take your time, it is the right size. Push and turn on the right hand side slowly.

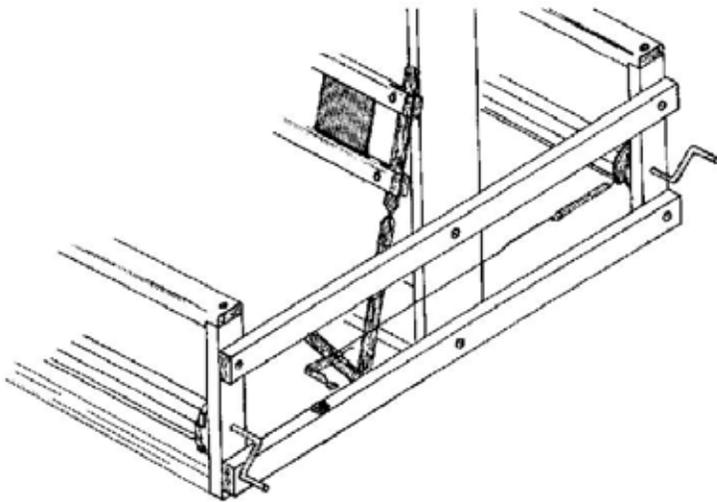
To set up the loom, put the head section A containing 4 shafts in the bottom frame B and attach each side with the 4 screws.

Note: When installing the screws, take care to ensure that they go into the pre-drilled holes in the shaft frame and not in the wood beside, above or below.

The screwdriver should turn easily with minimum resistance if this is being done correctly.

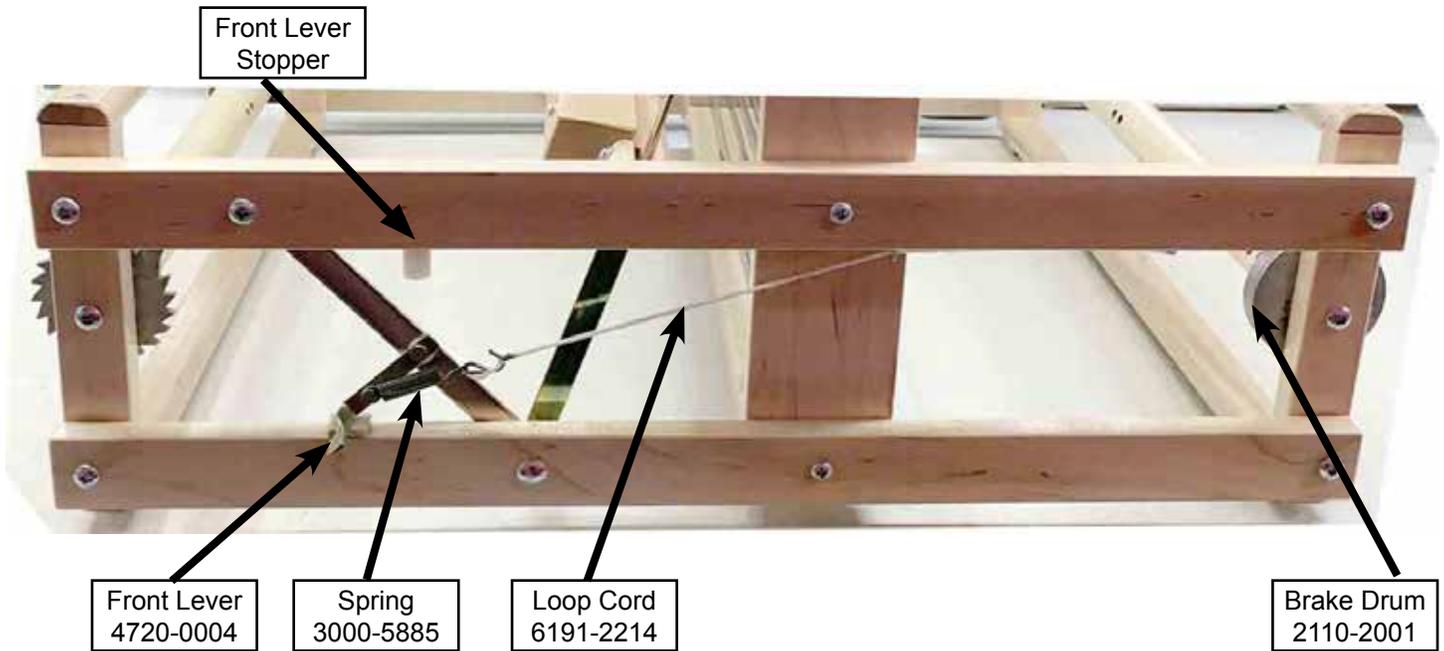
The reed can be removed easily by loosening the screws and raising the top piece.

To install the heddles, remove the heddle support by curving it slightly. Distribute them evenly within the shaft frame. There are enough heddles to weave full width with 24 threads per inch.



For an 8s loom, install the shaft frame section with beater bumper in the front (lever at the right side of the loom). Install the second shaft frame section levers at the left side of the loom.

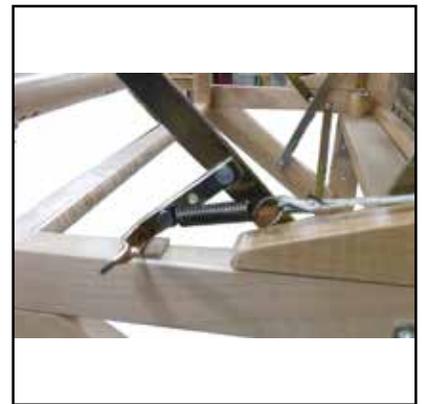
# Friction Brake



The length of the loop cord has been marked (black mark) and tested before shipping. After some time, the loop cord may stretch. You will then have to readjust the tension by changing the loop on the cord. When the front lever is release (to the front lever stopper), the brake circle (around the brake drum) should be loose enough to be able to turn the back beam.

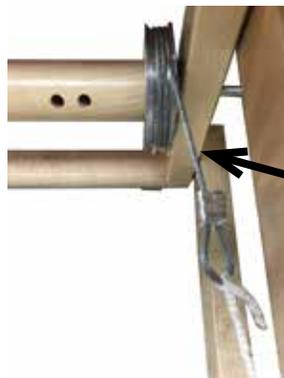
To advance the cloth, pivot the front lever to the back of the loom in order to release the tension on the brake circle. When sufficiently advanced, pivot the lever back to the front to re-establish the tension on the brake. Tighten the warp with the warp beam crank.

Brake assembly with brake cable. Make sure that it is properly in place.



Move it up to release the brake.

Brake lever closed to tighten the brake cable.

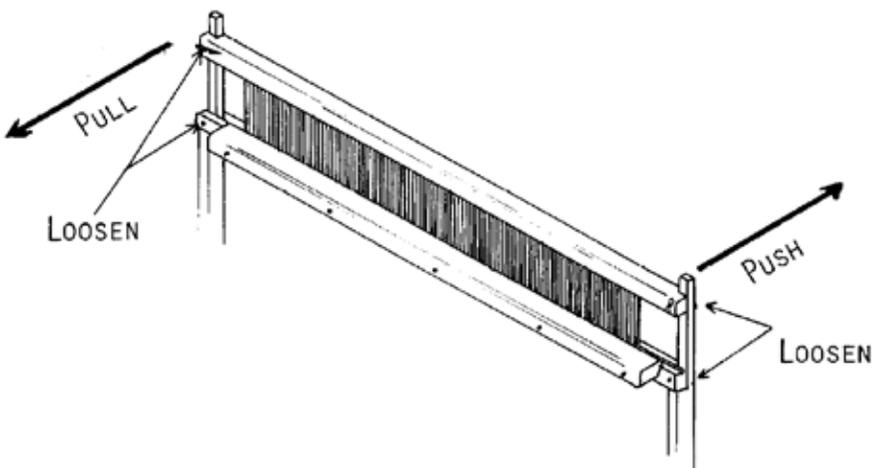
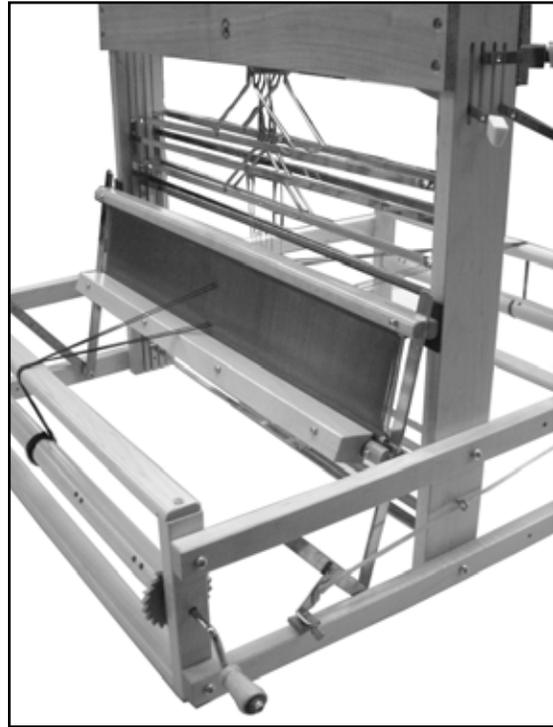
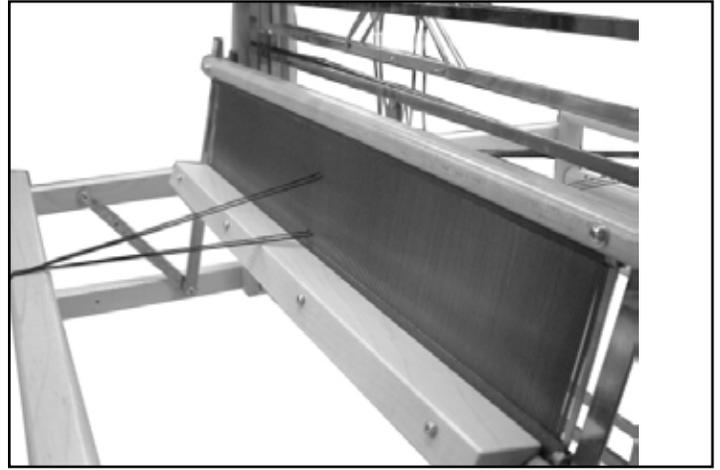


Brake cable 4030-0000

Adjust the height of the reed so the bottom warp threads just touch (or are just a little lower than) the shuttle race when the shed is open.

Shed should be at least 1½”.

If the shed is smaller, you probably weave too close to the reed and (or) the tension on the warp is too high.



The beater has been adjusted at the factory before shipping. If the batten doesn't touch the two bumpers equally, loosen the bolts of the batten sley and batten handtree and exert pressure on the batten centering it in its proper place. Tighten the bolts again while keeping pressure on the batten.

## PREPARING (Stringing) WARP AND CLOTH BEAMS

1) Into 5 evenly chosen holes on each beam, thread one length of the loop cord.

2) Thread each loop cord back through itself, using the first hole in the Cord, as it comes out of the beam and pull tight.

3) Using the last hole of the free end on each Cord, pull a portion of the Cord through the hole forming a Loop. (A crochet hook can help you)

4) Slip a Bar through each loop of all cords and pull tight. (See diagram)

All Cords should be exactly the same length in order to make an even tension.

Always maintain a good tension on the warp when weaving.



### Warp beam advance control system



This system will eliminate excessive warp yarn advance when releasing the brake system at cloth take-up. This friction system is adjustable and has to be released when winding the warp on. Just screw the wing nut with nylon bolt to the left back post. Screw in to increase the friction or unscrew it to release.

**PROMPTLY CALL YOUR DEALER OR LECLERC FOR ANY QUESTIONS.**

LECLERC LOOMS

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