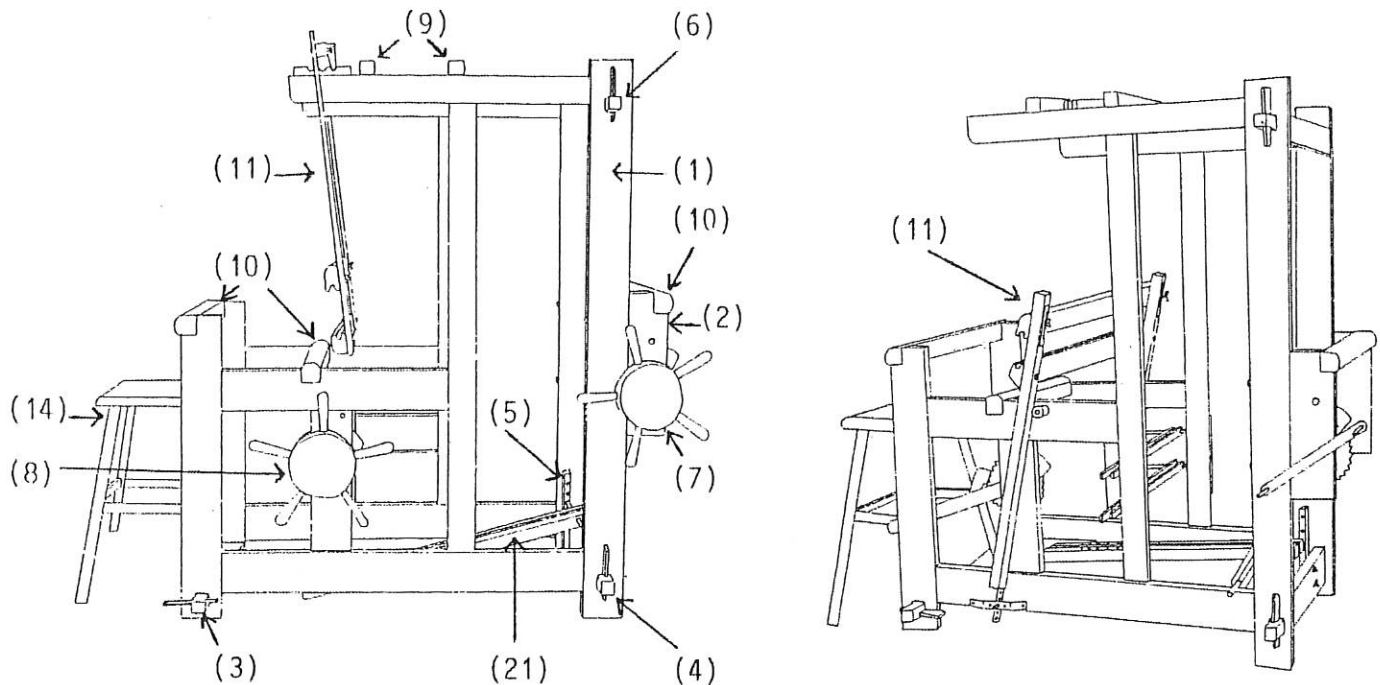


THE EEVA LOOM



THE PARTS OF THE LOOM

- (1) left and right side
 (the left side has 2 metal rods for the lams)
- (2) 2 warp beam holders with 4 bolts
- (3) front rail with 2 wedges
- (4) lower back rail with 2 wedges
- (5) treadle holder with metal rod for the treadles and 2 bolts
- (6) upper back rail with 2 wedges
- (7) warp beam with metal handle or wooden handwheel
- (8) cloth beam with metal lever (of shorter type) or
 with wooden handwheel
- (9) 2 upper front rails with 2 metal rods for jacks or pulleys
- (10) one back beam, knee beam and breast beam
- (11) an underswung beater or
 a hanging beater with 2 cradles and 4 bolts
- (12) 2 warp and 2 cloth sticks
- (13) 1 pair of lease sticks
- (14) a Liisa bench
- (15) 4 rubber feet for the loom legs
- (16) a mallet for tightening of wedges
- (17) the instruction book How to use a TOIKA loom
- (18) 2 rubber stoppers with bolts when an underswung beater is
 used

COUNTERMARCH LOOM

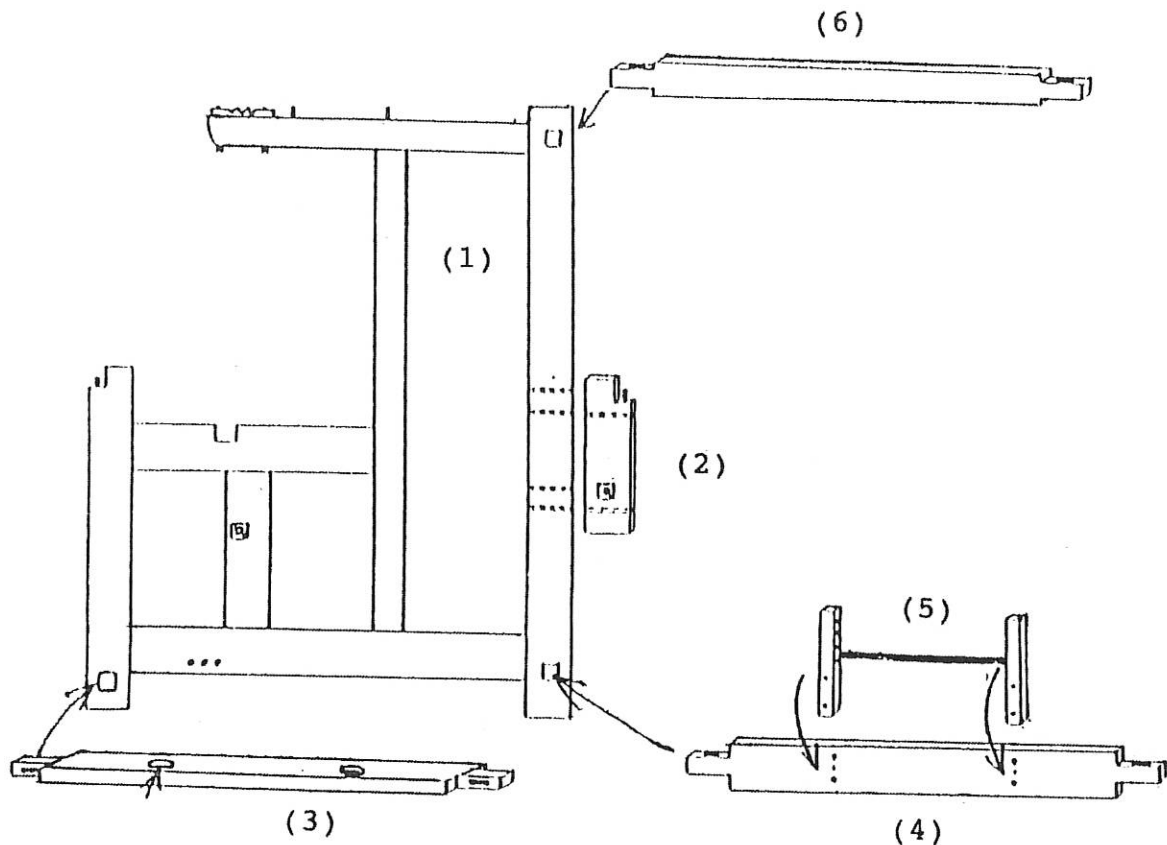
- (19) 2 harness bars/harness
- (20) 2 lams/harness
- (21) treadles as ordered
- (22) 2 jacks/harness with
 2 locking rods

LOOM WITH PULLEYS

- (19) 2 harness bars/harness
- (20) 1 lam/harness
- (21) treadles as ordered
- (23) pulleys as ordered
- (24) horses as ordered
- (25) 2 harness holders

1. Start by turning the warp beam holders (2) on the outside of the side parts (1). Use 2 bolts (260 mm) for each holder. Put the bolts from the inside, so that the nuts will be on the outside.

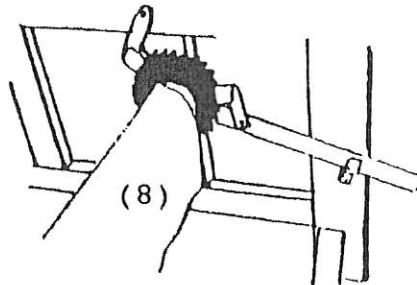
The warp beam holders can be attached at two different heights: If you weave with countermarch, the holders should be mounted in the lower holes - the back beam will be at the same height as the breast beam. If you use pulleys, the warp beam holders should be mounted in the upper holes.



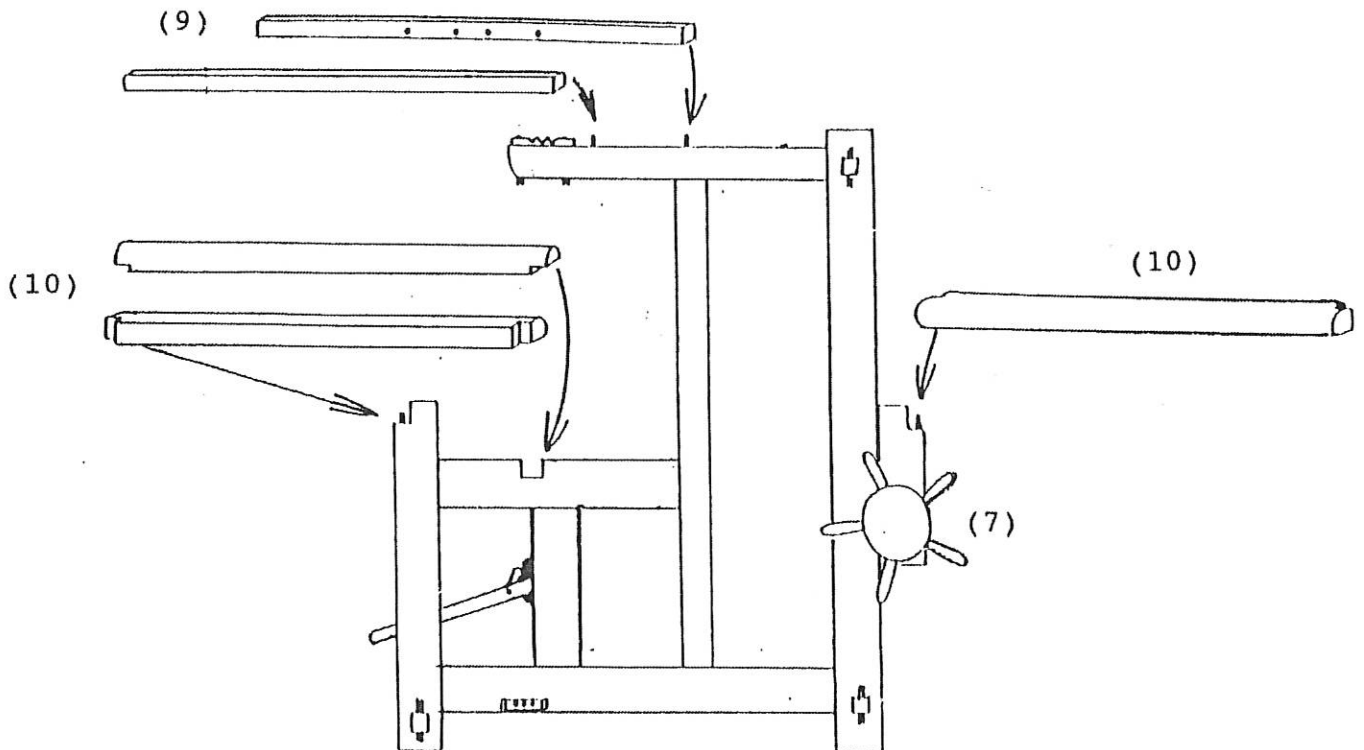
2. Fasten the treadle holder (5) on the lower back rail (4) with 2 bolts (6 x 80 mm). The wooden pegs make the holder stable. Add the metal rod for the treadles and lock with a cotter pin.

3. Let the left side of the loom (1) lean against a wall. Place the front rail (3), the lower back rail (4) and the upper back rail (6) in the left side and put the wedges in place loosely. Notice, that the metal parts for the warp and cloth beam should be inside the loom, as well as the treadle holder on the lower back rail. The front rail should be mounted so that the holes in the rail are closer to the outside of the loom than the inside. Notice also that the sinking of the holes should be up.

4. Put the warp beam (7) and the cloth beam (8) in place in the left side so that the cog wheels are on the right side of the loom. If a metal release handle is used for warp tension, put the lever on the axle of the cloth beam (in this case the cloth beam is shorter than the warp beam).



5. Fit the right side of the loom in its place and lock with the wedges. Turn the wooden handwheel or metal handle onto the axle of the warp beam and the cloth beam, if a wooden handwheel is used.



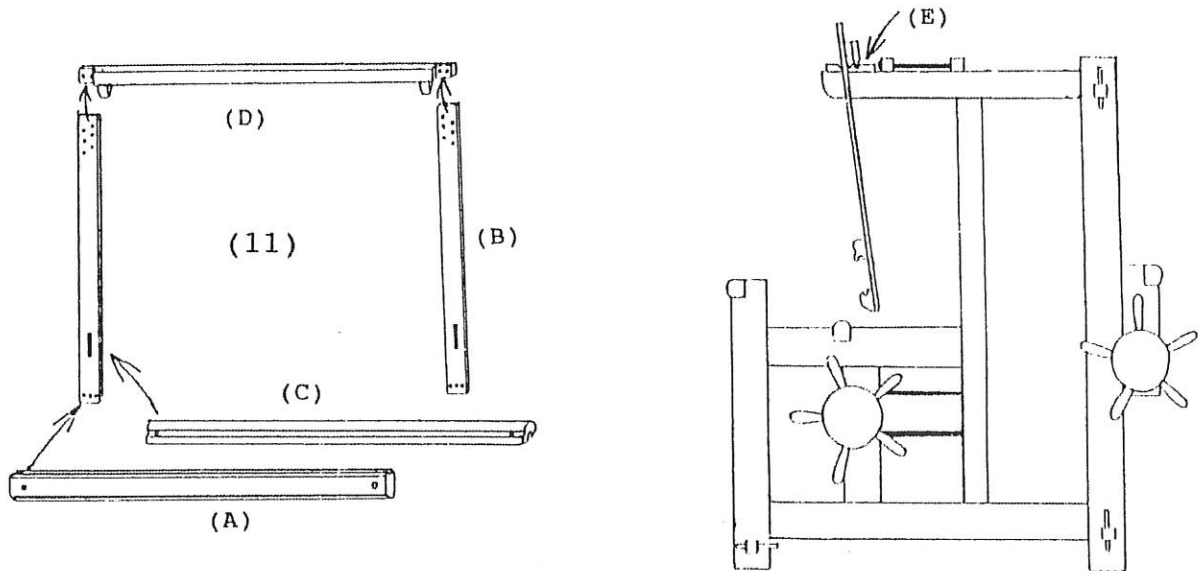
6. Put the upper front rails (9) in place, so that the metal pegs locks them (see picture above). The outer holes on the rails are for the rods for jacks or pulleys. Put the rods with the jacks or pulleys in place. The inner holes are for the locking rods of the jacks.

7. Add the back beam, knee beam and breast beam (10). They are all alike and interchangeable.

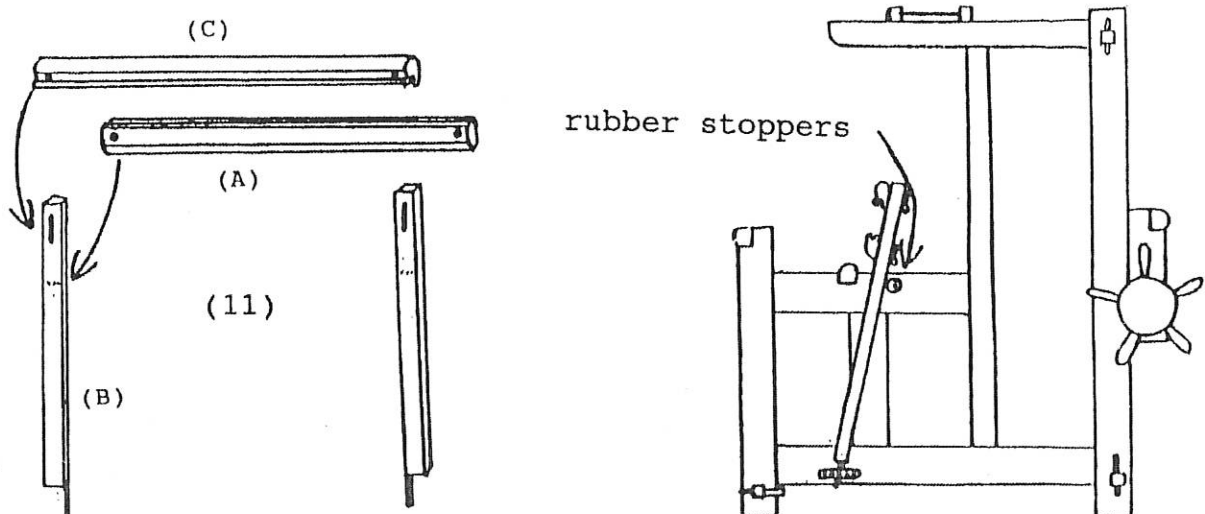
8. Now tighten all the wedges - this will ensure a solid loom.

9. Mount the beater of the loom (11) according to the pictures below and put the beater in place.

HANGING BEATER: Fasten the bottom (A) of the beater on to the side parts (B) with the thicker bolts. The lid (C) is fastened with the thinner bolts and the upper rail (D) with the shortest bolts. Fasten the beater supporters (E) on to the side parts with 2 bolts each. Put the beater in place. Check that the beater is straight in regard to the breast beam and adjust the location of the supporters if necessary. The height of the beater is adjusted with the holes in its side parts.



UNDERSWUNG BEATER: The bottom of the beater (A) is fastened to the side parts (B) with the thicker bolts, while the lid is fastened with the thinner screws.



10. Put the treadles in place in the treadle holder.

11. Put the lams in place when needed.