

THE LAILA LOOM

Laila is suitable for weaving all types of fabrics except for rugs. The loom is equipped with either 4 shafts/4 treadles or 8 shafts/8 treadles that enable weaving wide range of different fabrics.

Laila is designed for weavers who do not have enough space for a very large loom. The loom can be folded even with the warp in place, so it occupies very little space when being stored or transported.

Laila is suitable for both children and adults. Weaving with Laila gives the same feel as weaving with a larger countermarch loom.

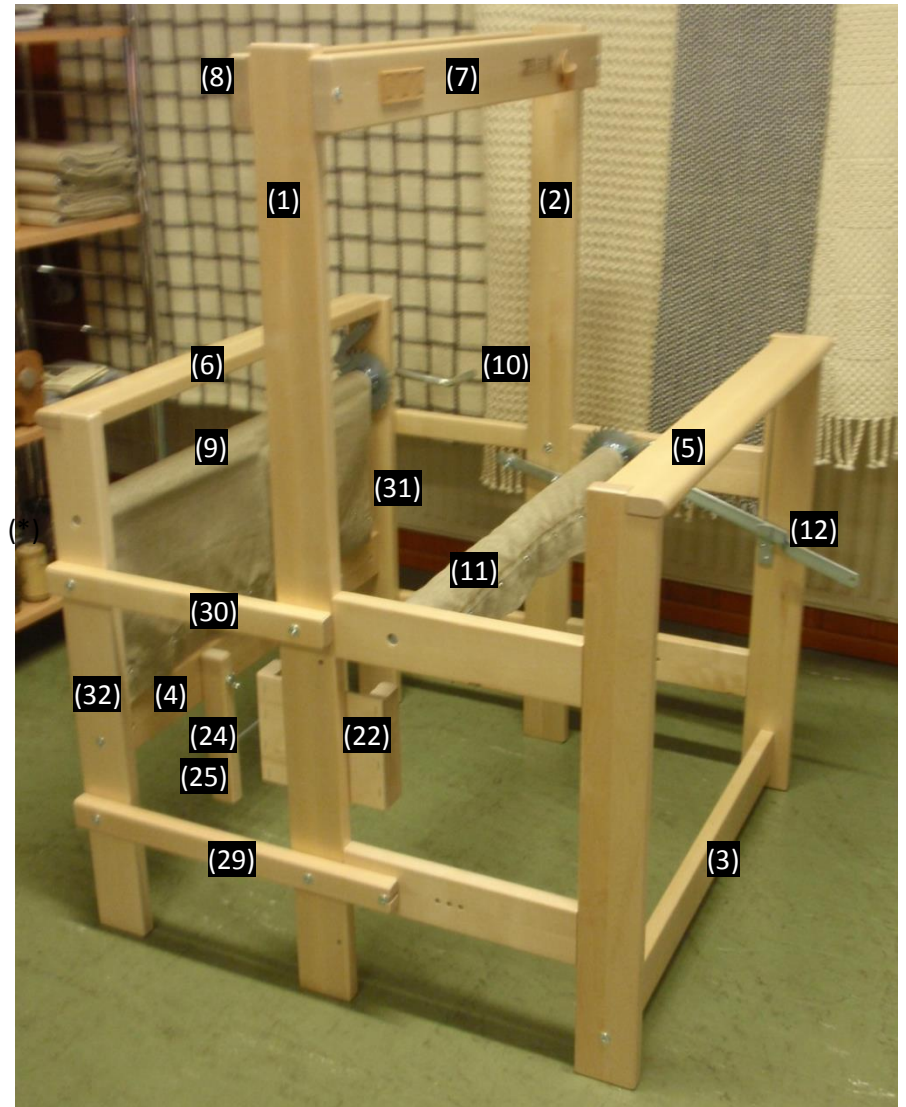
The Laila bench is especially proportioned for this loom. It is available separately.

The price of the loom includes a cork board, a scissor holder and a manual.



Parts of the loom:

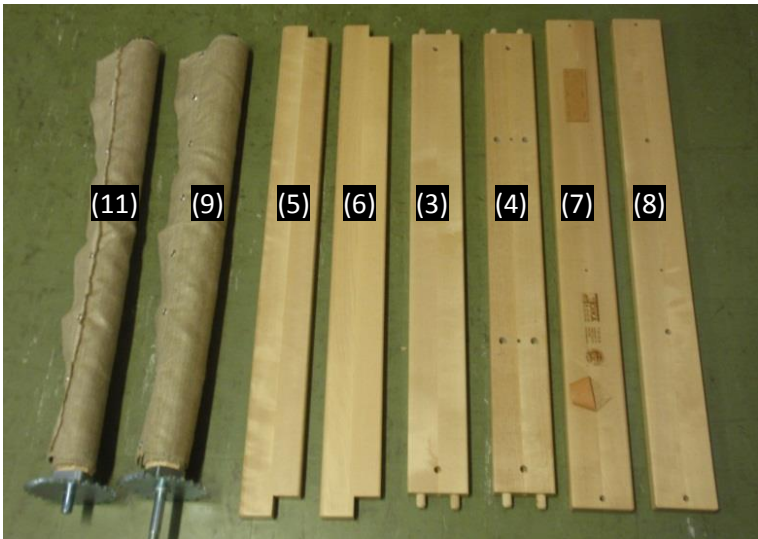
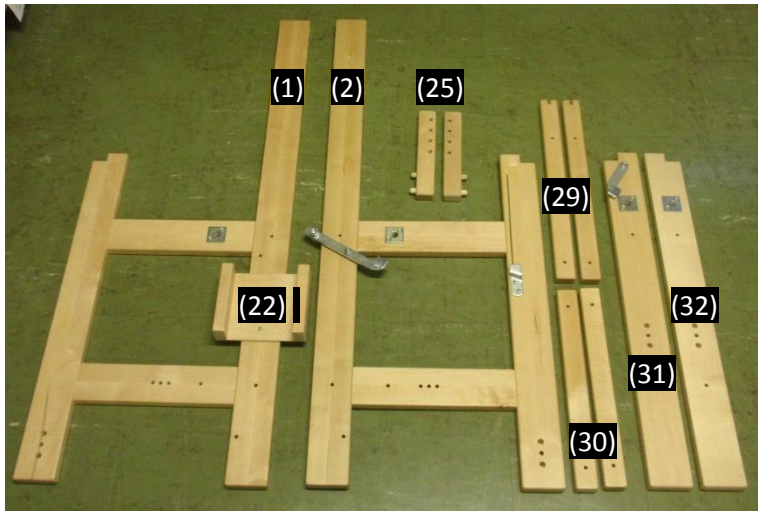
1. Left side
 2. Right side
 3. Lower front rail
 4. Lower back rail
 5. Breast beam
 6. Back beam
 7. Upper front rail
 8. Upper back rail
 9. Warp beam
 10. Crank
 11. Cloth beam
 12. Cloth beam release
 13. 2 warp & 2 cloth sticks (*)
 14. 2 lease sticks (*)
 15. Jacks (*)
 16. 2 rods for jacks (*)
 17. 2 long locking rods (*)
 18. Shaft bars (*)
 19. Upper lams (*)
 20. Lower lams (*)
 21. 2 rods for lams (*)
 22. Box for side lams
 23. Treadles (*)
 24. Treadle rod
 25. Treadle holders
 26. Beater top (*)
 27. Beater race (*)
 28. 2 beater legs (*)
 29. Lower joint part
 30. Upper joint part
 31. Right back leg
 32. Left back leg
- (*) = Not in the picture



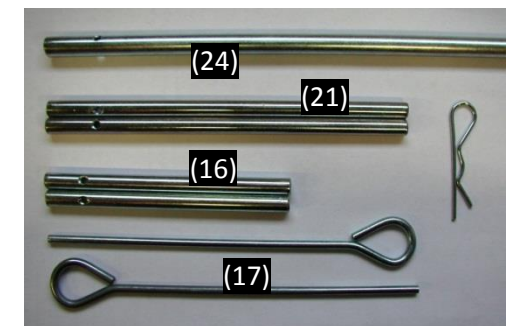
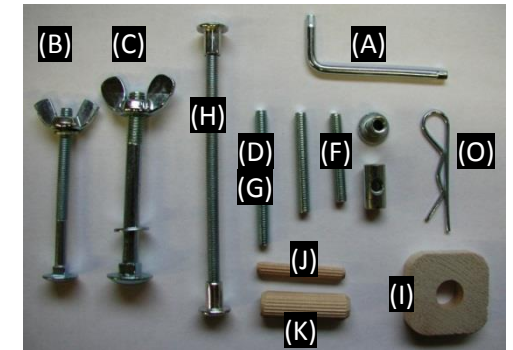
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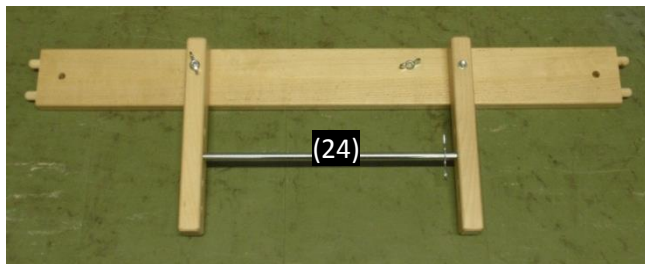
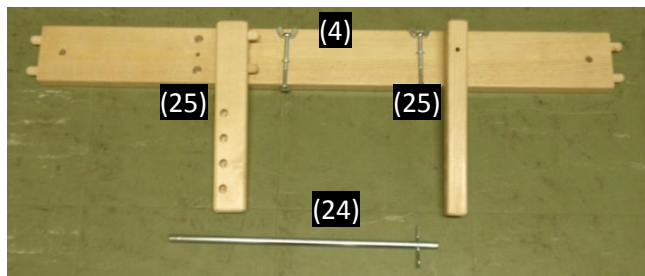


- A. Allen key, 1 pc.
- B. Step bolt 6x75 mm for fastening the treadle holders, 2 pc
- C. Step bolt 8x80 mm for fastening the beater top, 2 pc
- D. Furniture bolt (sleeve nut + threaded rod + barrel nut) 6 x 60 mm for the rails, 4 pc
- E. Rod for beater 7,5 cm + 2 cotter pins, 2 pc (see 16.)
- F. Furniture bolt (sleeve nut + threaded rod + sleeve nut) 6 x 40 mm for fastening the joint parts, 8 pc, and step bolt 6x55 mm, 2 pc (see B.)
- G. Furniture bolt (sleeve nut + threaded rod + sleeve nut) 6 x 60 mm for the beater race, 2 pc
- H. Furniture bolt (sleeve nut + threaded rod + sleeve nut) 6 x 115 mm for the castle frame, 2 pc
- I. Treadle spacer, 3 pc
- J. Small wooden dowel for the breast and the back beam, 4 pc
- K. Big wooden dowel for the front and the back of the castle frame, 8 pc (already in place)
- 16. Rod for jacks 11,5 cm + cotter pin, 2 pc
- 17. Locking rod for jacks, 2 pc
- 21. Rod for lams 13,5 cm + cotter pin, 2 pc
- 24. Treadle rod 34 cm + cotter pin, 1 pc

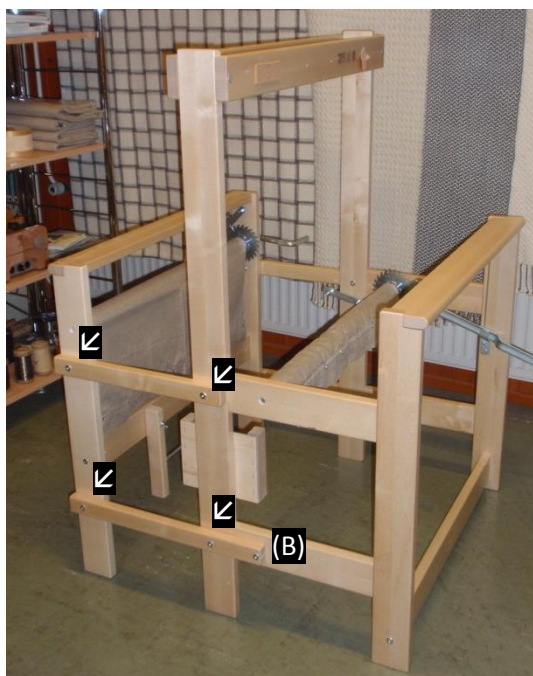
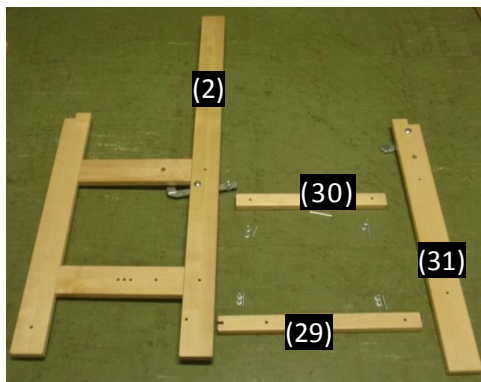


Assembly of the Laila loom:

1. Fasten the treadle holders (25) on the back rail (4) with two step bolts (B) 6x75 mm. Put the treadle rod (24) in place with the head without hole first and lock with a cotter pin. The treadle holders have several holes for adjusting the height of the treadles. The second hole from above is usually used.



2. Fasten parts (30) and (29) to the sides of the loom with 8 furniture bolts (F) 6x40 mm (= sleeve nut + threaded rod + sleeve nut) and 2 step bolts (B): Fasten part (30) with one furniture bolt and part (29) with one furniture bolt and one step bolt (B) to the right side of the loom (2). Fasten the back leg (31) to parts (29) and (30) with one furniture bolt each. Do the same with the left side of the loom (1). Make sure that you bolt the right back leg to the right side and the left back leg to the left side.

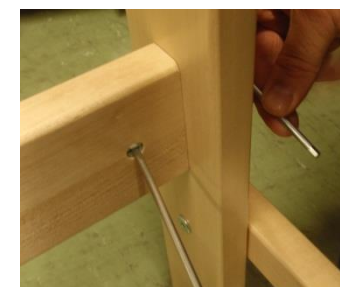
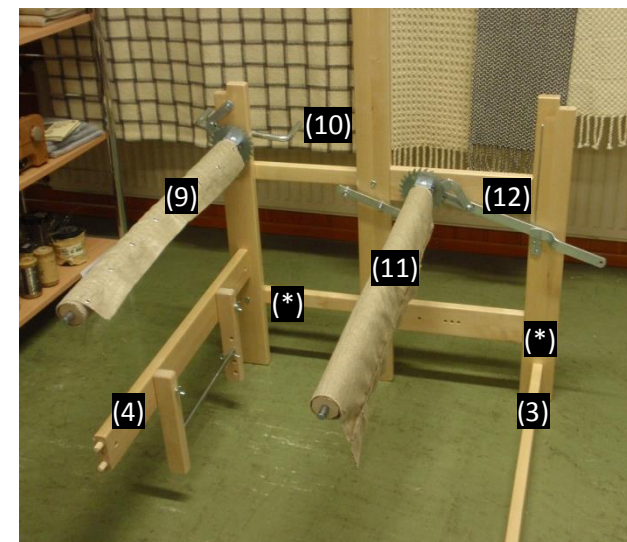


Hammer the sleeve nuts into the wood!



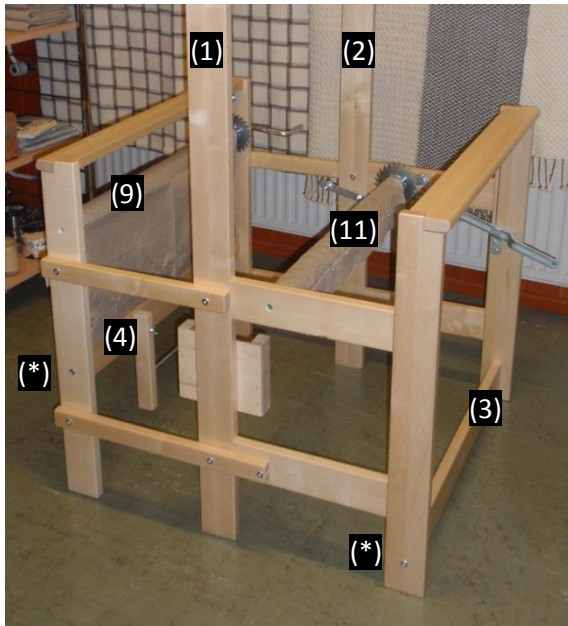
3. Fasten the lower front rail (3) and the lower back rail (4) on the right side of the loom (2) with 2 furniture bolts (D) 6x60 mm (= sleeve nut + threaded rod + barrel nut (*)).

Put the warp beam (9) in place in the right back leg and turn the crank (10) in place. Put the lever of the cloth beam release (12) on the axle of the cloth beam (11) before setting the cloth beam in place on the right side of the loom. The cloth beam stays in place when you set the hook on the cogwheel.



(*) = sleeve nut + threaded rod + barrel nut
Hammer the barrel nut in place. Set the position with a screwdriver.

4. Put the left side (1) in place carefully. Fasten the front rail (3) and the back rail (4) on the left side of the loom (1) with furniture bolts (D) 6 x 60 mm (= sleeve nut + threaded rod + barrel nut (*)).

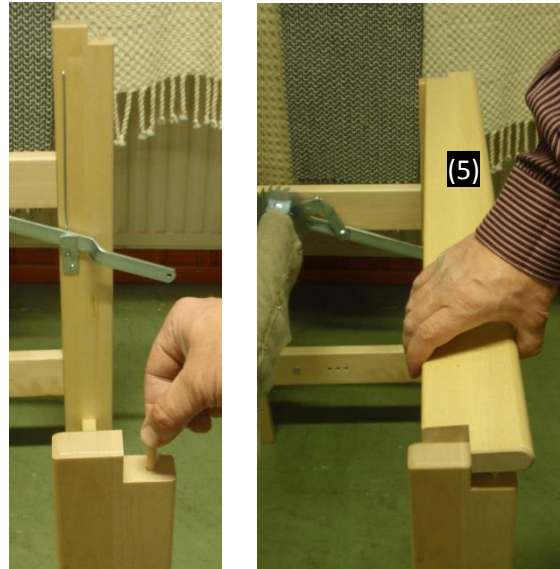


(*) = sleeve nut + threaded rod + barrel nut
 Hammer the barrel nut in place. Set the position with a screwdriver.

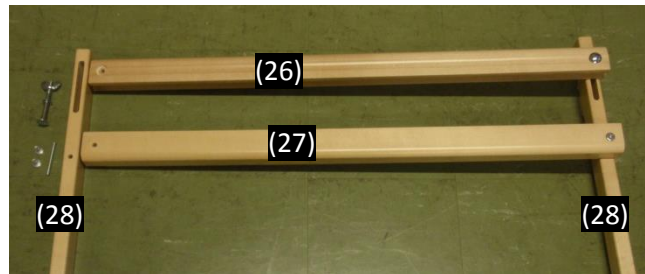
5. Fasten the upper rails (7) and (8) to the left side (1) and the right side (2) of the loom. The wooden dowels (K) are already in place. Fasten the parts with 2 long furniture bolts (H) 6 x 120 mm (= sleeve nut + threaded rod + sleeve nut). The same bolt fastens both the front and the back part to the side.



6. Set the wooden dowels (J) in the holes of the front legs and put the breast beam (5) in place. Do the same with the back legs and the back beam (6).



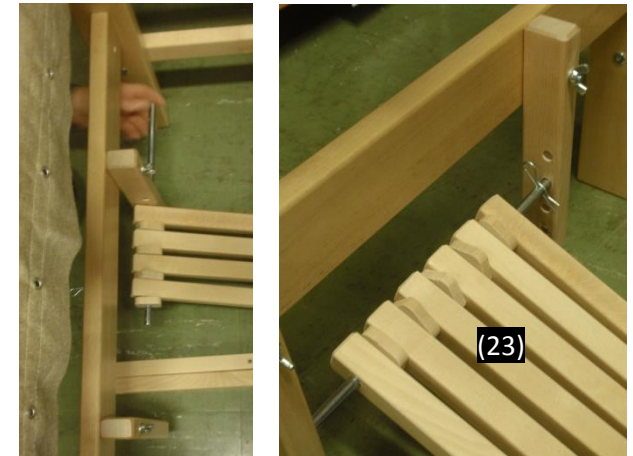
7. Assemble the beater on the floor. Fasten the beater top (26) to the beater legs (28) with two step bolts (C). Fasten the beater race (27) to the beater legs (28) with furniture bolts (H) 6x60 mm (= sleeve nut + threaded rod + sleeve nut).



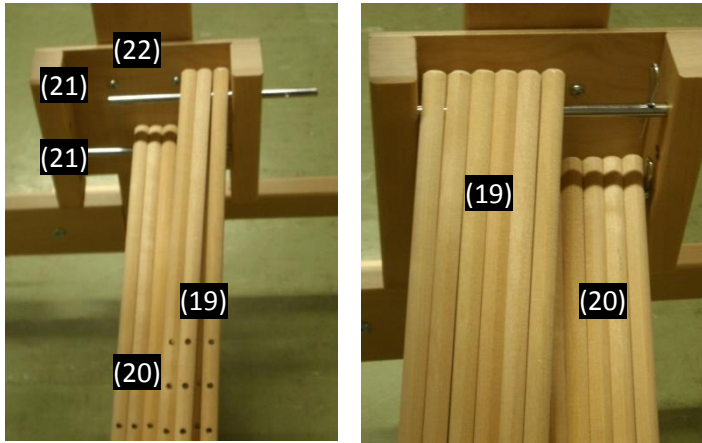
Put the beater in place and fasten the beater to the loom with the 2 beater rods € 6x45 mm (see 16.) The height and the distance of the beater can be adjusted. The middle holes are often used.



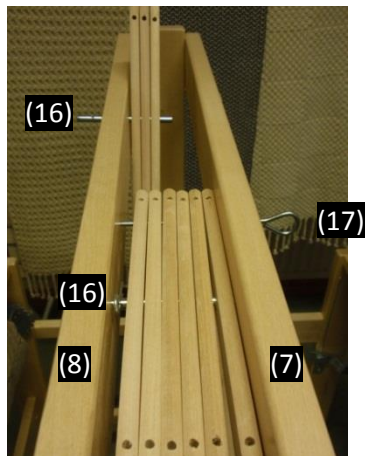
8. Remove the cotter pin from the treadle rod (24) and put the treadles (23) and the treadle spacers (I) in place. Lock the rod with the cotter pin.



9. Put the rods for the lams (21) in their holes in the box for the side lams (22) the head without holes first. Set the upper lams (19) on the upper rod and the lower lams (20) on the lower rod. Lock the rods with cotter pins.



10. Put the rods for the jacks (16) in the outer holes of the upper back rail (8) the heads without holes first. Put the jacks (15) in place (the rod goes in the middle hole). Lock the rods with cotter pins. Fit the locking rods (17) in place in the holes in the upper front rails (7).



11. Tighten the bolts. This should be done every now and then, for the bolts may loosen during weaving.

Now the Laila loom is assembled and you may start preparing the loom for weaving!

12. Folding the Laila loom:

The Laila loom can be folded even with the warp in place, so it can be stored in a small space while waiting for weaving. Tighten or loosen the warp when needed.

- a. At first loosen the furniture bolts on the lower and upper joint parts (29 & 30).
- b. Remove the step bolts in the front of the lower joint parts (29).
- c. Fold the loom by lifting the warp beam (9).
- d. Put the step bolts in their new places in the loom sides and screw on the wing nuts.

HAPPY WEAVING!

