

LIISA-LOOM

Liisa-loom is the most popular loom in Finland. They are developed from traditional Finnish loom. They are sturdy and reliable for home and professional use. They are suitable for weaving all kinds of textiles, from light transparent weave to sturdy rag rugs. Because the elaborated measurements Liisa-loom are suitable for almost all weavers and allow a long weaving interval.

Liisa-loom is delivered with pre-assembled ends to ensure durability. Loom are assembled with wedges which makes them very sturdy. They are easy to disassemble and assemble when needed. Front-, back- and knee beams are similar and interchangeable. Rounding makes them gentle fabrics and threads.

Loom price included Liisa-bench, rubber feet for loom's legs, cork plate, scissors holder, hammer for tightening wedges and instruction booklet. You can attach for example work instruction to the cork plate in the front upper bar with pins, and handy scissor holder keeps your scissor safe. Rubber feet on the front legs of the loom protect empty beater from breaking. Separately available beater's rubber stoppers are to adjust beater's rest position and prevent it from clunking.

1.2 Liisa-loom's assembly

1.

Set rubber feet (32) into loom's castle feet. Attach treadle bar holders (25) to loom's lower back bar (4) with two lock bolts (6x80mm). Place rod for treadles (24) unperforated end ahead and lock the rod with needle cotter pin. There are holes at different heights for treadles elevation adjustment. Normally the second holes from the top are used.

2.

Connect lower front bar (3) and lower back bar (4) to the right castle (2) and attach them with wedges. Note that the straight side of the wedges should be against the wood. Lightly tap the wedges with hammer (33).

3.

Put warp beam (7) to its place to the back of the castle and turn warp beam crank (8) into its place. Put cloth beam lever (10) to the beam ratchet (9) before you place the cloth beam to its place in the front castle. Cloth beam stays still, when you put cloth beam's stopper hook on top of the ratchet.

4.

Set upper front bar and upper back bar (5 and 6) to their place and lock them with wedges (30). Lightly tap the wedges with hammer.

5.

Set carefully left side castle (1) to its place while guiding lower bars (3,4), upper bars (5,6) and beams (7,9). Lock the left castle with wedges (30 and 31). Lightly tap the wedges with hammer.

6.

Set wooden pins (36) into the castles leg's holes and put front beam (11) and back beam (13) to their places. Put also knee beam (12) to its place. Front-, knee- and back beam are similar.

7.

The best way to assemble the beater is on the floor: Attach the bottom of the beater (27) to beater legs (28) with two lock bolts (10x90mm). The metal shield of beater legs should be backwards. Attach beater cover (26) to the legs with two lock bolts (8x90mm). Lift the assembled beater to the loom. Attach beater legs to the castles by pushing beaters legs rods from the outside to their places and lock with needle cotter pins. Make sure that the beater's both legs are at the same beaters legs hole and the same beaters attachment bar hole. There are holes in three levels on the beaters legs for the beaters height adjustment. There are also three holes in the beaters attachment bars for the depth adjustment. Centermost holes are good to start with.

8.

Open the locking of the treadle rod (24) by removing the needle cotter pin and slip treadles (23) to the rod and treadle spacers (35) between the treadles. Lock the rod for treadles with needle cotter pin. Rod for treadles is usually in the second top hole.

9.

Open the locking of rod for the side lams (22) in the left end by removing the needle cotter pins. Slip the upper lams (20) to the upper rod and the lower lams (21) to the lower rod and lock them with needle cotter pins. Rod for the upper lams is usually in the top hole and rod for the lower lam is usually in the 4th hole from the bottom.

10.

Set rod for the jacks (17) to the outer holes of the upper back bar (6) (hole in the rod to the back) and slip the jacks (16) from the hole in the middle to its place. Lock the rods for the jacks with needle cotter pins. Push the locking rods (18) to its place from the front side, to the holes in the upper front bar (5).

11.

Finally tighten the wedges with hammer. This should be done every now and then because the wedges can get loose while weaving.

Now the Liisa-loom is assembled and you can start dressing the loom.