

THE ASHFORD RIGID HEDDLE LOOM

ASSEMBLY INSTRUCTIONS



TOOLS REQUIRED — Phillips Head Screwdriver, and Candlewax.

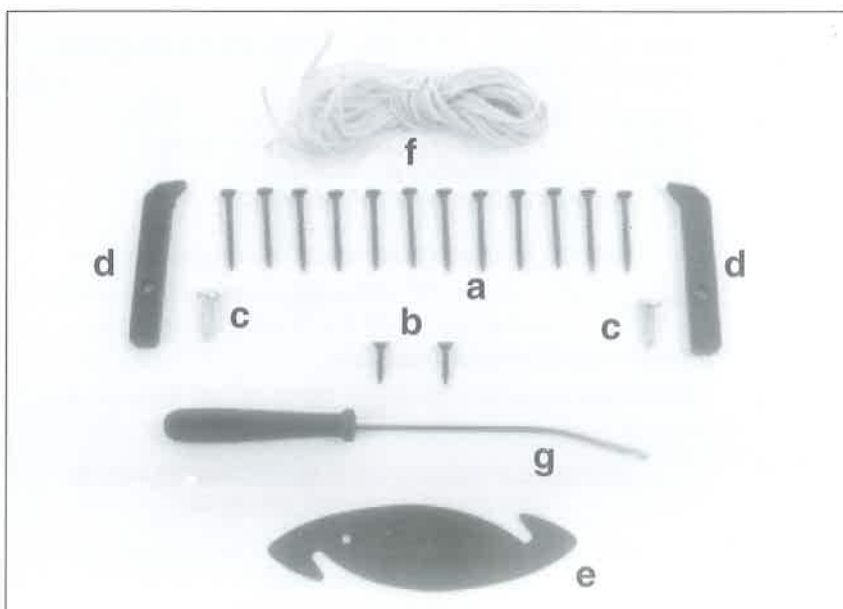
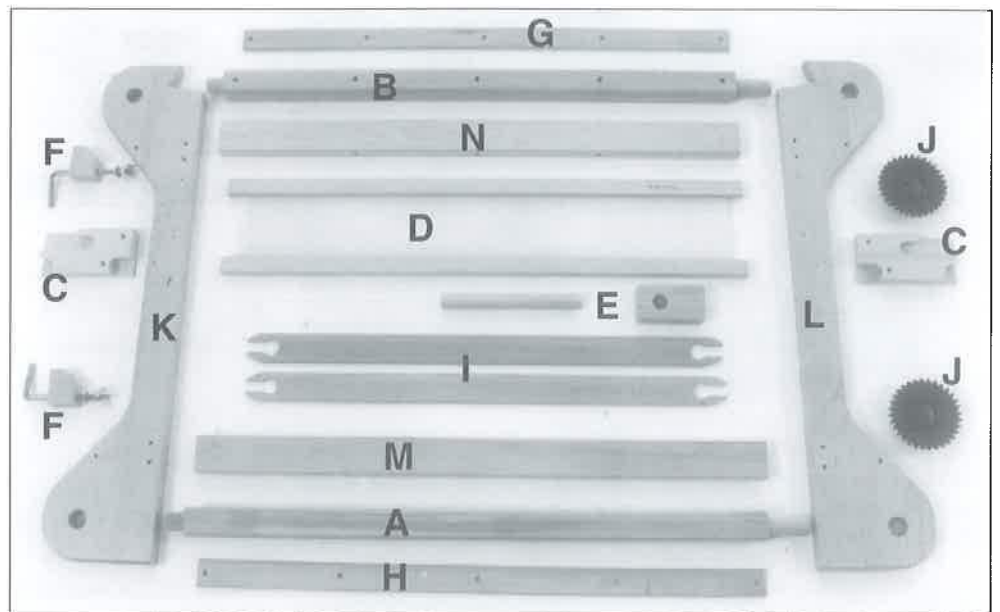
Before Commencing — Read the instructions and study the layout before assembling your loom. Lay out and identify all the parts. Use the garnet paper supplied to remove sharp edges and corners.

FINISHING THE WOOD — We recommend that the wood surfaces be waxed before assembly. This protects the kiln dried wood from climatic changes and enhances the beauty of the wood.

For the Ultimate Finish — Use the special, natural, new formula Ashford Wax Finish. The Silver Beech Tree has a lovely variety of colour and grain. The Ashford Wax Finish will enhance the natural colours and beauty of the wood

PARTS LIST

- A Front Roller
- B Back Roller
- C Side Posts
- D Heddle/Reed
- E Warping Peg
- F Assembled Clamps
- G Warp Stick
- H Warp Stick
- I Stick Shuttles
- J Ratchet Handle
- K Left Side
- L Right Side
- M Front Rail
- N Back Rail

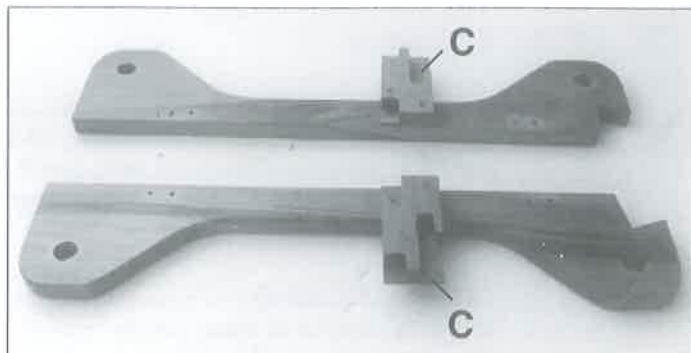


HARDWARE LIST

- a 32mm (1 1/2") screws (12)
- b 18mm (3/4") screws
- c 18mm (3/4") roundhead screws
- d Pawls
- e Reed Hook
- f Pieces of String
- g Heddle Hook

Note: The following instructions are for right-handed assembly. For left handed assembly, see notes at conclusion of instructions.

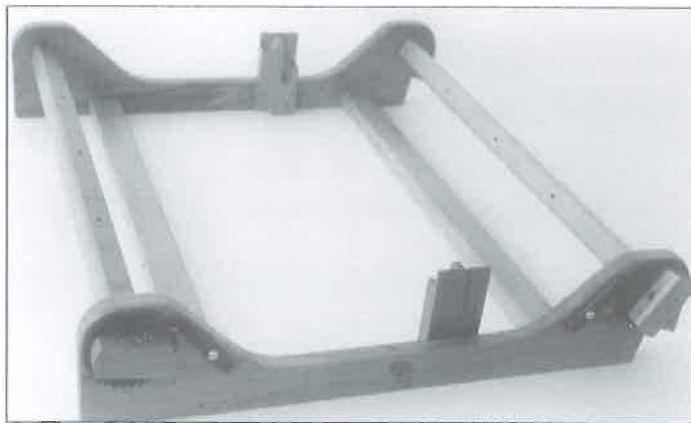
Step 1. Place the side **K** on your left and side **L** on your right. Note that the lead holes for the side posts face up, and that the notched ends are at the back of the loom.



Step 2. Screw the side posts **C** to the insides of side **K** and **L** with the higher side of **C** facing the front, using 32mm (1 1/2") screws **a**. (Note: There are two sets of holes. Screw the side posts **C** into the **forward** set of holes. The second set of holes has been made to allow the use of an optional second heddle kit, which may be purchased separately. See list of accessories.)

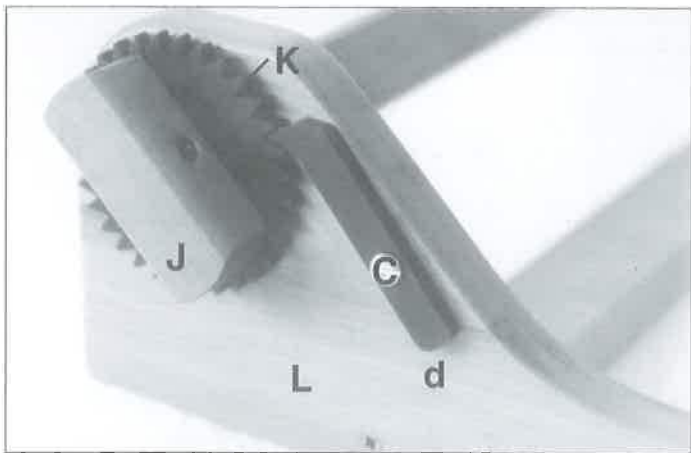
PLEASE NOTE: You may use wood glue for extra strength.

Step 3. Screw the front rail **M** to the right side **L**, using 32mm (1 1/2") screws **a**. Screw the back rail **N** to the right side **L**, using 32mm (1 1/2") screws **a**.



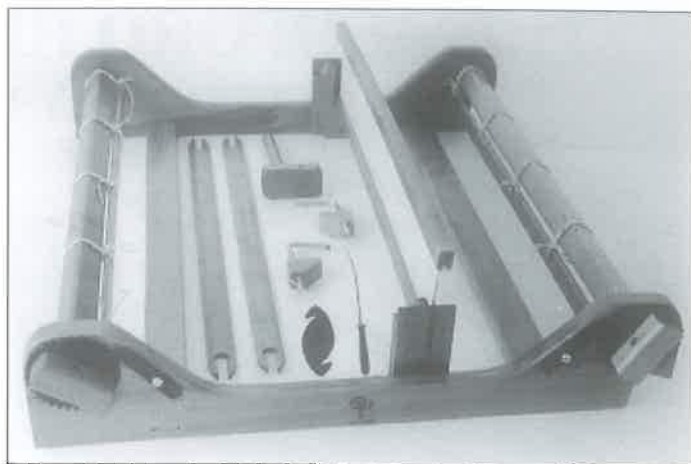
Step 4. Insert the long end of rollers **A** and **B** (with screw hole for the handle) into the holes in the right side **L**. (Note: Rub wax over both ends of the roller.)

Step 5. Insert the shorter ends of rollers **A** and **B** into left side **K** and attach left side **K** to the front and back rails **M** and **N** with 32mm (1 1/2") screws **a**.



Step 6. Fix the two pawls **d** to the outside of the side **L** with 18mm (3/4") roundhead screws **c**. Tighten so pawls are still free to move.

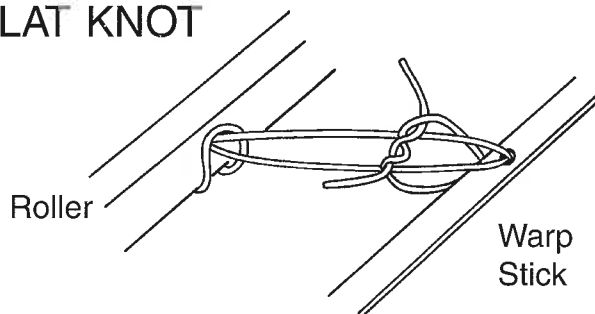
Step 7. Place the ratchet handles over the roller ends protruding from side **L**, lining up the screw holes. Make certain that the ratchet teeth are facing correctly to engage the pawl. Secure with an 18mm (3/4") screw **b**.



Step 8. Double each piece of string and thread through the holes in the rollers. Tie as illustrated to warp sticks **G** and **H**. There should be a space of approximately 75mm (3") between the roller and the warp stick.

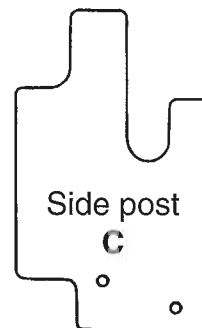
Step 9. Place the heddle **D** in the back slot of side posts **C**. The loom is now ready for warping. Please turn to the Learn to Weave on the Rigid Heddle Loom booklet for warping instructions.

FLAT KNOT



HEDDLE POSITIONS

Upper and lower working position (front slots)



Rest position (back slot)

Step 10. To assemble the clamp **F**, slip block over threaded end of rod. Slip washer over threaded rod and screw on the wing nut. Adjust with wing nut to suit table thickness.

Step 11. Assemble the warping peg parts **E** by inserting the dowel into the block. Use a clamp **F** to attach the warping peg to a table or bench.

Changes for Left-Handed Assembly

In Step 5: Insert long end of rollers into holes in left side **K**.

In Step 7: Fix pawls to left side **K**.

OPTIONAL ACCESSORIES FOR THE ASHFORD RIGID HEDDLE LOOM

REEDS in 3 widths — 400mm (16"), 600mm (24") and 800mm (32") —available with 5, 7.5, 10 or 12.5 dents per inch (20, 30, 40 or 50 dents per 10 centimetres).

Second Heddle Kit for multi-harness weaving.

Stick Shuttles 560mm (22"), 360mm (14"), 260mm (10") and 150mm (6") long.

DESIGNED AND MANUFACTURED BY **ASHFORD HANDICRAFTS LTD.**
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