

INSTALLATION OF AD-A-HARNESSES® UNITS

With a small rod and hammer, drive the two ¼" pins that support the bronze levers toward the front until there is about ¾" space for insertion of the new levers and lamms. Before assembling the lamms it is easier if the 4 small wires above are pulled back to clear the levers. The harnesses should also be removed. A little vaseline as a lubricant is then placed on each pin. Take one lamm and lever assembly, turn it so that the short push rod is at the back, lift one end and depress the other, insert both ends in their proper slots and straighten to a horizontal position. Now lift each lever and assemble it on its pin, after which drive the pins into position for the next lamm and continue on.

Before sliding in the harnesses, put a little vaseline on each of the eyes that hold the ends of the push rods.

To add pedals, back off the screw on the left which clamps the pedal bracket. Take out pedal assembly. With a wrench, remove the left bracket taking off the nuts. Remove the left collar (on 6 harness 20" frames and 24" frames) and slide right hand collar to the right. Assemble spacers and pedals as required, put on collar and assemble nuts, washer and bracket. Tighten securely with both brackets parallel with each other. Lift pedal assembly into position and turn in the screw for the bracket. Position the pedals accurately under the holes in the lamm (old style lamms) or center on rod (new style lamms) and lock in position with collars.

The 20" 8-harness frame when assembled with all 8 uses no collars, and the two outer spacers (right and left) are shorter than the others to allow room for the hooks. These hooks should be put on before the nuts. The two outer pedals have raised blocks, so all pedals must be removed at the start in order to remove the right hand collar, and assemble the right hand pedal.

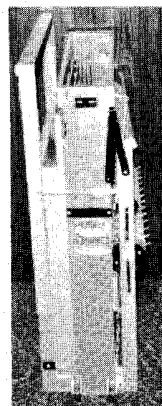
MACOMBER LOOMS

Beech Ridge Road
York, Maine 03909
207/363-2808

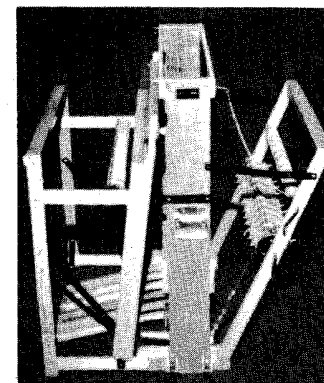
---ESTABLISHED 1936---

AD-A-HARNESSES LOOMS®

INSTRUCTIONS FOR TYPE CP PORTABLE LOOM



FOLDED



OPEN

Congratulations on your purchase of a fine loom. We feel that our portable loom should give you years of good service with a minimum of upkeep.

We have compiled this booklet in order to give a few instructions in the operation of the loom. It is not intended as a lesson in weaving, however. If you do need instruction in weaving, we will be happy to recommend some fine books that are available.

We will be pleased to answer any questions you have regarding the loom. Please use the serial number of your loom (located on a plate on the upper right hand side of the frame) when writing us regarding your loom.

MANUFACTURED BY

MACOMBER LOOMS

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WHAT TO DO WHEN THE LOOM ARRIVES

Inspect the carton for damage. This sometimes indicates that there has been damage to the loom in transit. If you find that the loom has been damaged, notify the transportation company promptly. Also write us describing the damage. If possible, we will ship you replacement parts and an invoice covering the costs. This invoice, including your costs of assembling, should be presented with your claim to the transportation company.

HOW TO UNFOLD THE LOOM

The loom will arrive folded. To unfold it, follow these instructions:

1. Unhook the two spring holders, one on each side.
2. Carefully pull the two front uprights toward you, holding them about half way down. Pull the beater toward you at the same time. The front section should fall to the floor.

NOTE: In the future, should you have a warp on the loom when you are unfolding it, first slip the cloth beam ratchet spring to one side and release the dog from the ratchet.

3. The two steel braces (right and left) are then pulled forward and the wing nuts are removed. Insert the bolts through the holes about half way down the uprights and then put on the wing nuts and tighten them.
4. There are also wing nuts clamping the pedal brackets in the upper position. Loosen them and swing the pedal assembly toward the back of the loom and down to the floor, then forward until the pedals strike the front cross bar. Now tighten the wing nuts and hook the small hooks over the cross bar on both sides.
5. Push the back beam outward and the folding braces down to hold.

HOW TO FOLD THE LOOM

To fold the loom, release the warp tension, remove the pedal hooks, pull the beater forward and reverse the above procedure.

ADJUSTMENTS AND TIPS

After unfolding the loom, check to see if all the push rods are inserted in the eyes at the bottom center of each harness.

If the beater is not parallel for any reason, it may be corrected by loosening the lower nut holding the steel bracket to the wood piece on one or both sides, and swinging the top of one or both forward or backward until the beater is even. Now tighten the nuts. Leave these brackets in the highest position possible.

To adjust the number of heddles per harness, pull the harness up out of the slots, unhook the springs on the right, and slide heddle bars to the left.

To slide heddles to the left or right of center on a harness, simply snap the heddle bar up over the center hook. Rehook before attempting to weave.

The harnesses may be held in a high position for threading by inserting the small steel wires through the lower sets of holes near both ends of the top of the castle. The wires will pass under the top bars of the harnesses when they are lifted. They are kept in the upper holes when not in use.

When advancing the warp on a loom with a ratchet, first release the tension on the cloth beam, then release the dog on the warp beam ratchet. This is not necessary when the warp beam is equipped with a friction brake.

To tighten the friction brake, rotate the turnbuckle at the lower end of the brake wire. If this is not effective, or if the pedal is too low at the front, move the screw eye at the upper end of the spring to a higher position.

INSTALLING THE PEDAL HOOKS

Loosen the wing nuts on the pedal brackets and push the pedal assembly about 3 inches toward the back and clamp. Take a pedal hook with the square bent end down, insert this square end downward through the slot in the pedal and turn it so the hook end is toward the lamm. Depress the lamm so that the hook goes over the lamm and push it into place. Keep the hooks in a vertical position. When all hooks are in place, move the pedal assembly into the forward position again and tighten the wing nuts.