Your new

Dynamic Heddle Loom Stand

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all you need to spin your dreams.

Assembling a Dynamic Heddle Loom Stand

These instructions demonstrate how to assemble your Loom Stand for the Dynamic Heddle Loom.

1. Attach feet to uprights

We recommend that you find a clear work area where you can lay out all the components for working on them. Either on a cleared table or an area on floor.

The following tools are provided by Majacraft
- 4mm allen key

1a

Firstly we are going to attach the feet to the uprights. You will require the two feet and the two uprights. Also, two 25mm JCB bolts and the 4mm allen key.

1b

The 25mm JCB bolt is going to be screwed into the threaded insert on the upright (this will be the hole that is furthest from the straight cut end of the upright.

1c

The feet have rubber buttons on the BOTTOM edge and hence the bottom mounting hole is closest to the bottom edge. Slip the first 25mm JCB bolt through the TOP mounting hole on one foot. Now align that with the threaded insert on the upright that is indicated in 1b above.

Use the allen to screw it in a little way without making it too tight. Repeat this with the remaining foot and upright.

1d

2. Braces on first side

Required:
Side assembly
2 - Braces
1 - M6 x 25mm JCB bolt
1- M6 x 40mm JCB bolt
4mm Allen key

2a

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The two braces are the same and can fit in either the top or bottom position

Start with the bottom brace which can be slipped into the special rebate on the bottom of the upright.

2b

2c

2d

Now take your first 40mm JCB and push it through the bottom mounting hole on the foot. The bolt can be screwed into the brace but not tightened. Because the braces are engineered to fit snuggly into the upright, you may need to use the allen key to screw the JCB through the hole and into the brace.

Now take the top brace and slip it into the rebate on the inside of the upright. Push one of the remaining 25mm JCB bolts through the highest hole on the upright (opposite side to the rebate).

2e

2f

2g

Screw it into the brace but again do not tighten it.

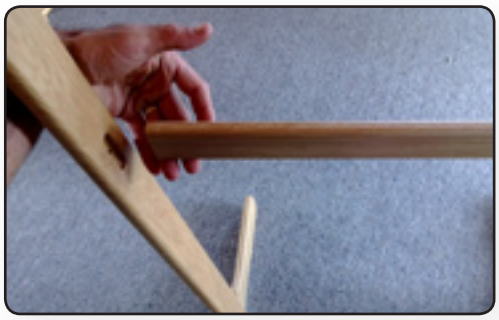
Your loom stand will now look like the picture in 2h. It will have the two braces screwed into one upright but unsupported at the other end. Take care not to hit the braces when they are unsupported like this.

2h

4. Second side to stand assembly

Required:
1 - M6 x 25mm JCB bolt
1 - M6 x 40mm JCB bolt
4mm allen key
Side Assembly
Stand Assembly

Take the second upright and lining up top brace with the appropriate rebate, slip the brace carefully into the rebate.



4a

4b

Now line up the lower brace with the rebate in the second upright and slip it into place. The side is only balanced on at this point so take care not to knock it over.

4c

First screw the 25mm JCB into the top upright hole and into the top brace without tightening it.

4d

4e

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Then screw the 50mm JCB into the bottom hole on the upright and into the bottom brace.

4f

4g

You can now tighten the six JCB bolts. They do not need to be super tight as the loom stand design is self supporting and will almost hold itself together.

5. Loom stabilising arms

Required:
2 - Wooden nuts (has M8 threaded stud)
Stabilising arms

The final step is to attach the stabilising arms. While the arms can go either way around, aesthetically I prefer the threaded insert to be facing outwards (but this is only my opinion!). This is shown in 5a.

5a

5b

Align the slot on the stabilising arm over the M8 threaded insert on the loom stand upright.

Screw on one of the wooden nuts into the upright to hold the stabilising arm in place.

5c

5d

Repeat the process with the second arm.

5g

6. Putting the loom in the stand

Amongst the components included in the loom stand are two silver M8 bolts. These are to replace the two hinge bolts on the loom.

6a

Carefully remove a single heddle mount from the loom. Push the M8 bolt out of the heddle mount and insert the new one in.

6b

6c

6d

Screw the wooden nut back on a little. Repeat this with the second heddle mount and hinge bolt

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Now place the loom hinge bolts into the slots on the loom stand uprights. Tighten the wooden nuts firmly enough to prevent the loom from falling down.

6e

6f

The stabilising arms now need to be attached to the loom. Choose one of the black nylon spacers and an M6 locking bolt.

6g

Push the locking bolt through the stabilising hole on the inside of the loom and then slide the nylon spacer over the bolt.

6h

6i

6j

Loosen the wooden nut a little on the stabilising arm and move the arm until the threaded insert aligns with the locking bolt. Screw the locking bolt into the threaded insert on the arm. While it needs to be tightened, do not be concerned about locking it up very firmly.

Repeat this with the second stabilising arm.

The loom stand is now complete. You can adjust the angle of the loom by loosening the wooden nuts on the stabilising arms and then moving the loom up or down. Retighten the nuts on the stabilising arms and loom hinge bolts when the loom is in position.

6k

The loom can be moved into a vertical position when not in use and will take up less space.

6l