

Your new

# Suzie Professional

spinning wheel



**majacraft**

*all you need to spin your dreams...*

# Welcome to the Majacraft family

Congratulations on purchasing a new Majacraft Suzie Professional.

We are very proud of this wheel and hope that it allows you to express your creativity in new and exciting ways. Take time to read through the instructions before assembly, it really is worth it.

One of our goals is to make our wheels as easy and simple to use as possible, so they become almost invisible as you express your creativity through fibre.

If you were not already aware, we have designed all of our craft tools and accessories to be compatible with each other. If you have an interest in a specific technique, we are likely to have specialist accessories that will fit straight on to this wheel or tools to make creating easy. Talk to your dealer, visit our web site or email us directly and we will do what we can to help.

Thank you for choosing Majacraft, it is your belief in us that drive our innovation and creativity in building captivating tools for you.

From the team at Majacraft, Good spinning!

## Fastener Details



### **Hinge screws - 25mm (1")**

To attach the pedal hinges to the base assembly

### **Joiner screws - 25mm (1")**

To attach the rubber joiners on the conrods to the pedals

### **Crank screws - 32mm (1 1/4")**

To attach the crank assembly to the drive wheel

### **Stop bolt - JCB 25mm (1")**

To limit the movement of the handle

### **Base bolt - JCB 30mm (1 1/8")**

To hold the base and stem assembly together

### **Head bolt - JCB 60mm (2 1/2")**

To clamp the head in the handle

# Assembling a Majacraft Suzie Professional

These instructions demonstrate how to assemble your Majacraft Suzie Professional spinning wheel

## 1. Prepare the components

We recommend that you find a clear work area where you can lay out all the components for working on them.

The following tools are provided by Majacraft

- 4mm allen T wrench
- 2mm allen key

You will also need the following tools:

- Posidrive (Philips) screwdriver

Your wheel has been assembled at our workshop; it has been tested; it has been spun on; all screws have been pre-fitted and some have been removed for partial disassembly.

Please unpack with care and retain the packaging. In the box will be:

- 1 Base assembly
- 1 Stem/Handle assembly
- 1 Drive wheel with drive axle
- 2 Pedals
- 4 Plastic Bobbins
- 1 Spinning Head
- 1 Flyer
- 1 Crank and Conrod assembly
- 1 Hardware Bag (screws, etc) spare screws are included

## 2. Insert handle stop

### Required:

- 1 - M6 25mm JCB (1") bolt (*in the hardware bag*)
- 4mm allen T wrench (*in the hardware bag*)
- Stem/Handle assembly



2a



2b

Remove the handle nut and then slide the drive wheel out of the stem handle assembly. Place the handle and nut to one side. There is a small star washer on the drive shaft, take care it does not drop off when you remove the drive wheel or remain stuck to the black acetyl bush.



2c



2d

Turn the handle assembly over so the small threaded hole near the handle pivot is on the bottom and position the handle so it makes a 90 degree angle between the stem and handle. Using the T wrench, carefully screw the 25mm JCB bolt in until it is tight.



2e



2f

Check the star washer is still on the drive shaft. Now slide the drive wheel and drive shaft back into the stem/handle assembly. When the drive shaft is in place then screw the front handle nut on and tighten it up.



2g



2h



### 3. Attach stem to base assembly

**Required:**

4 - M6 30mm JCB (1 1/4") bolts (*in the hardware bag*)

4mm allen T wrench (*in the hardware bag*)

Stem/Handle assembly

Base assembly



3a



3b

Position the Base assembly on the flat surface. Now slide the Stem/Handle assembly into the Base assembly and carefully align the stem holes with the base side plate holes. Insert the JCB bolts through the holes and into the stem assembly. Partially tighten the bolts, checking that they are threaded in correctly before finally tightening all bolts.



3c



3d

The drive wheel on the Stem/Handle assembly should go on the same side of the Base assembly as the foot with the angles cut on the ends.



3e

### 4. Fit the Pedals to the Base

**Required:**

12 - Gold 25mm (1") screws (*in the hardware bag*)

Posidrive screwdriver



4a

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4b

Fit the pedals using the twelve gold 25mm screws provided. Match the holes in the hinges with the holes at the front of the base. The long side of each pedal goes nearest to the Base assembly.



4c

## 5. Spinning Head

### Required:

1 M6 60mm Gold JCB (2 1/2") bolt (*in the handle assembly*)

4mm allen T wrench (*in the hardware bag*)

1 Wood spacer tube (*in the handle assembly*)

Spinning Head



5a



5b

The M6 60mm bolt and wood spacer are attached to the handle. You must remove it first. Take the spinning head and slide it down into the handle. Push the JCB bolt in a little way through the hole in the top of the handle. Align the wooden spacer tube in the handle so the bolt will can be pushed through the centre.



5c

Screw the JCB bolt into place without tightening it fully. Position the head near the top of the handle and then tighten the JCB bolt firmly. There is no need to over-tighten this.



5d

The spinning head can be raised or lowered to suit the tensioning of the drive belt and the height at which you wish to spin.

## 6. Drive Band

### Required:

1 - Green drive band (*in the hardware bag*)



6b



6a

The green drive band goes on the grooves on the drive wheel and then through one of the grooves on the whorl. It is important that the drive belt is reasonably tight otherwise the treading will feel heavy.

## 7. Crank Assembly

### Required:

3 - Silver 32mm (1 1/4") screws (*in the hardware bag*)

Posi-drive screwdriver



7b



7a

The drive wheel has been predrilled with the holes for the aluminium crank assembly. You will need a posi-drive screwdriver and the three 32mm silver screws. Make sure the drive belt is on.

Align the holes on the drive wheel with the holes in the crank assembly and screw it into place using the silver 32mm screws. It is recommended that you insert the centre screw first.



7c

## 8. Conrods to Pedals

### Required:

Posi-drive screwdriver

Fit the green joiners in the wooden footmen to the pedals. We leave a mark on one conrod (a #1 on the bottom end) and the right pedal (#1 by the screw hole) to ensure that each conrod is attached to the correct pedal.

Starting with the right pedal (it will be on your left if you are facing the drive wheel), remove the gold 25mm screw from the side of the pedal. Choose the conrod with the #1 stamped on the bottom and push the green joiner through the hole in the pedal. It should protrude through the bottom of the pedal about 1mm-2mm. Check the alignment of the outer rod end in the crank assembly. When the rod end is aligned correctly, screw the 25mm screw back into place. The screw should only be tightened until the head just touches the side of the pedal. **DO NOT OVERTIGHTEN!**

Now the left pedal (it will be on your right if you are facing the drive wheel), remove the gold 25mm screw from the side of the pedal. Choose the remaining conrod and push the green joiner through the hole in the pedal. It should protrude through the bottom of the pedal about 1mm-2mm. Check the alignment of the rod end in the crank assembly as shown below. When the rod end is aligned correctly, screw the 25mm screw back into place. The screw should only be tightened until the head just touches the side of the pedal. **DO NOT OVERTIGHTEN!**



CORRECT



INCORRECT



8c



8d



8e





8f



8g

#### EXTRA

If you are not certain of the connection arrangement, here is a full description. Place the wheel directly in front of you so you are looking at the crank assembly attached to the drive wheel. The rubber jointer that is on the conrod/footman that is closest to you goes into the hole in the pedal on your left. The jointer on the conrod that is furthest from you goes into the hole in the pedal that is on your right.

## 9. Bobbin and Flyer

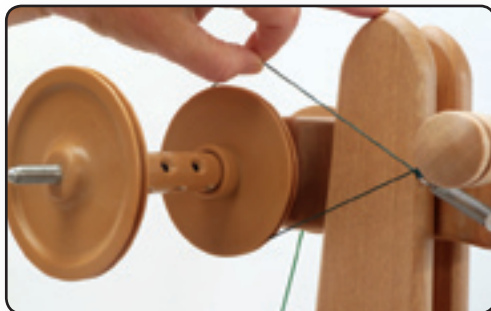
### Required:

- 1 - Bobbin
- 1 - flyer

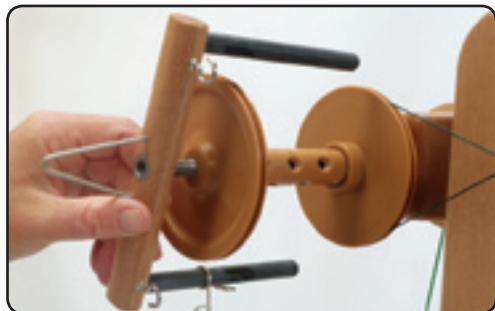
If you have some petroleum jelly or vaseline, rub a small smear onto the flyer shaft. This has already been done at the factory so is not essential. Now slide the bobbin on.



9a



9b



9c

At this point screw the flyer on to the flyer shaft. It may help to hold the whorl with your left hand and tighten the flyer with your right (assuming you are right handed). It may also be treadled on by holding the flyer in one hand and treadling the wheel in an anticlockwise direction.

## 10. Bobbin Bars

### Required:

- 2 - Bobbin bars (*in the hardware bag*)



10a

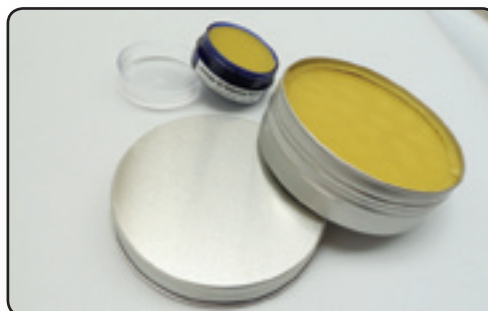


10b

Slip the two brass bobbin bars into the bobbin storage block on the base assembly.

## 11. Polish

At this point, we recommend that you polish your Suzie Professional using Majacraft Lavender Polish or alternatively a standard wood polish. While not essential, it will help keep your Suzie Professional looking beautiful into the future.



11a

Your Majacraft Suzie Professional is now assembled and you are ready to start on a new spinning adventure! From the team at Majacraft, we wish you great spinning in the future.



### Note

The images contained in this instruction manual are a guide only. There may be slight differences between these and your Suzie Professional.

# Notes

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