

A close-up photograph of a wooden spinning wheel. The wheel is made of light-colored wood and has a large wooden bobbin on the front. A spindle with a wooden handle is inserted into the wheel, and a ball of wool is being spun on it. The background is a plain, light color.

Assembling  
and Using  
your  
**Overdrive**  
lazy kate

**majacraft**

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

# Table of Contents

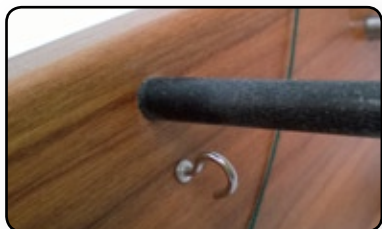
Assembling the Overdrive lazy kate	3
Hints for operation	5
Final notes	7

# Assembling the Overdrive lazy kate

There is minimal assembling required for the Overdrive Lazy Kate. A soft mallet may be useful for hitting the stainless steel bobbin axles in and also the fibreglass tube that is used for the yarn guides.



There are two 2mm holes. The silver stainless steel cup hooks screw into these. Tighten them up using your fingers.



Make sure that the open side of the cup hook points down toward the lazy kate feet.



The black fibreglass yarn guide arm goes into the large centre hole. You are likely to need your mallet to tap it all the way home. Make sure you hold the arm straight as you start. Lay the lazy kate down flat on something like carpet to prevent the back of it scratching as you hit the arm in.

When it is in, you can push the little black rubber cap into the end of the tube.



Slide the two yarn guides on to the black fibreglass yarn guide arm.



Next you can use the mallet to hit the two stainless steel bobbin shafts into the lazy kate. These too should be tapped in with the lazy kate sitting on carpet or something similar to protect the back. Again, ensure the rods are held straight as you start to tap them in.



The remaining 8mm hole is where the tension knob goes. You will need to tie the green brake string to the tension spring and the tension knob. There is a small hole in the side of the tension knob to slip the string through before tying it off.



Put the tension spring on the left most cup hook, thread the string over the top of the stainless steel bar and then through the loop of the second cup hook. Thread the string over the second stainless bar before pushing the tension knob into the 8mm hole.

Your Overdrive lazy kate is now assembled and ready for use.



# Hints for operation

We have carried out considerable testing of the Overdrive lazy kate and have some hints to help you.

The Overdrive bobbins are BIG, and while they have been hand-turned to be as light as possible, they are still heavier than any of the other Majacraft bobbins. This consequently means that they are harder to start rotating on the shafts.

Be aware that if you underspin your yarn, when you ply, the yarn is untwisted a little and with the combination of the force required to turn the bobbin and weak yarn, you will find it pulling apart as you work. This can be very frustrating.

We noticed that when the bobbins are nearly empty there is more torque required to start the bobbins turning. You will feel this in the need to pull more firmly to draw the yarn off the bobbin. All of the tips we have listed are about trying to reduce the force required to turn the bobbins.

Put vaseline or petroleum jelly on the bobbin shafts. This reduces the friction between the bushes and the bobbins and then allows the bobbins to spin more freely.

The next thing to think about is making sure that the yarn can draw freely with the minimum of resistance. If you have angles less than 45 degrees between the yarn coming off the bobbin and the yarn guide, this can make it harder to pull. There are no hard and fast rules as to what will work best but feel free to experiment by moving the yarn guides around and consider elevating the lazy kate so it is directly behind you.

In our experimentation, we noticed that it is preferential to set the yarn guide directly over the point where the yarn is drawing from the bobbin. The yarn will make an angle of approximately 90 degrees between the bobbin and the yarn directed toward the spinner. If the angle is too flat, then the force necessary to draw the yarn from the bobbin may start pulling the bobbin up the shaft.



Correct angle



Angle is too flat

Elevating the lazy kate directly behind you will line up the yarn well between the lazy kate and the flyer orifice. If you do this, you will need to pull the yarn off the bobbin by reaching behind yourself and pulling forward. However, this can become tiring to carry out over a long period.

An alternate position that will not line up the yarn quite so well is to put the lazy kate on the floor beside you. You may find it easier to pull the yarn from the bobbins by reaching down and drawing the yarn up from close to the bobbins.

Be prepared to slide the yarn guides along the fibreglass arm as the yarn position changes on the bobbin. There may be times where it makes sense to switch the yarns between the flyer hooks. Experiment!



Rotate the longest end of the feet forward so they can counter the weight of the bobbins better. If you put the short edge forward you may find the lazy kate will pull over when you are drawing the yarn from the bobbins.

# Final notes

## MAJACRAFT LTD

R586 Oropi Road  
RD.3  
Tauranga 3173  
New Zealand

Phone +64 (7) 543-3618  
Fax +64 (7) 543-3718  
Email [support@majacraft.co.nz](mailto:support@majacraft.co.nz)  
Web [www.majacraft.co.nz](http://www.majacraft.co.nz)

## DEALER

