

# Kromski Jumbo Flyer for the Sonata

Prelude Instructions on back

Using your Jumbo Flyer is easy; changing from regular flyer to Jumbo and back is also easy. Follow these instructions:

## Set-up for Jumbo Flyer - Sonata

1. Remove the standard front maiden post and safely store as you will need this part when you return to using the regular flyer.

2. Position the maiden post for the Jumbo flyer (much larger hole for the orifice) and secure with thumb screw. To ensure that post is properly aligned, the front side of the post must be flush against the small “cut line” you will see on the mother-of-all base. This is easy - as you tighten the screw, place a finger behind the maiden post and push forward against the “cut line.”



3. Mount the flyer on the 2 maiden posts in the normal fashion, being sure to snap the metal spindle into position on the rear maiden. There is a thin leather “thrust bearing” on the orifice; keep this in place when you mount the flyer. The mother-of-all should be at a perpendicular angle to the wheel; not twisted.

4. Place your Scotch tension brake band over the rear pulley on the bobbin.

5. Lubricate the front and rear plastic bearings that hold the flyer; “train” your front oiling wick (this is where you oil the front maiden - thru the hole on the top of the post) to be above and to the right of the metal orifice; use your threading hook to position the wick. Lubricate the metal shaft that holds the bobbin. Saturate the leather bearing around the orifice and lubricate as needed.

6. Adjust the tension on the drive band in the following manner:

A. Place drive band around the wheel and on the smallest diameter pulley on the Jumbo flyer.

B. Raise or lower the mother-of-all so that the drive band tension is just enough to cause the flyer to rotate without slipping when you begin to treadle. It is possible that the mother-of-all will sit all the way down on the wheel post. You do not need much tension for the flyer to work correctly; any unneeded tension will degrade the feel as you treadle.

C. As you move the drive band to the other larger pulleys (slower speeds), you do not need to adjust the tension (but you may for an even lighter treadle feel). The band will be tighter, but this is OK.

7. Now use your Jumbo Flyer in the same manner as your regular flyer. Take advantage of the larger bobbin capacity, larger orifice size and the lower ratio set.

## Returning to the Regular Flyer

1. Repeat the process listed above, this time installing the regular front maiden post and regular bobbin.

2. Be sure to follow the same instructions for tensioning your drive band noted above when returning to using the regular flyer.

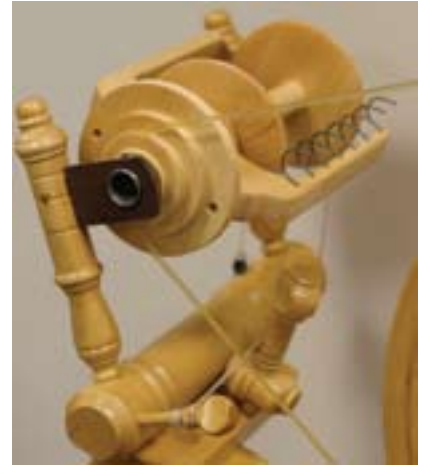
# Kromski Jumbo Flyer for the Prelude

Sonata Instructions on back

Using your Jumbo Flyer is easy; changing from regular flyer to Jumbo and back is also easy. Follow these instructions:

## Set-up for Jumbo Flyer - Prelude

1. Remove the standard front maiden post and safely store as you will need this part when you return to using the regular flyer.
2. Substitute the new front maiden post that is part of your jumbo kit. The fit should be snug, allowing the post to go all the way into the hole. But because wood is hygroscopic, the maiden may need to be adjusted. If the fit is too tight, sand the end of the post until the post can be properly seated in the hole. If the fit is not snug, you have several options. One is to put multiple coats of wood glue on the end of the post, allowing the glue to dry between coats (DO NOT install the post into the hole as you do this.) This will allow a thickening of the diameter and a snug fit. You may also use several wraps of masking tapes positioned in such a way as to not show when post is installed.
3. Mount the flyer on the 2 maiden posts in the normal fashion with a jumbo bobbin on the spindle. We recommend that you always put the largest bobbin pulley to the rear and under the brake band.
4. Place your Scotch tension brake band over the rear pulley on the bobbin as you do with your regular flyer.
5. Lubricate the front and rear leather bearing that hold the flyer. The new leather will hold a lot of oil; you want to “darken” the leather back to the wood. Lubricate the metal shaft that holds the bobbin.
6. Adjust the tension on the drive band in the following manner:
  - A. Place drive band around the wheel and on the smallest diameter pulley on the Jumbo flyer.
  - B. Adjust the drive band so there is just enough tension to cause the flyer to rotate without slipping when you begin to treadle. You do not need much tension for the flyer to work correctly; any unneeded tension will degrade the feel at you treadle. Even if the band looks slack, the tension may be OK. Do not over tension.
  - C. As you move the drive band to the other larger pulleys (slower speeds), you do not need to adjust the tension (but you may for an even lighter treadle feel). The band will be tighter, but this is OK.
7. Now use your Jumbo Flyer in the same manner as your regular flyer. Take advantage of the larger bobbin capacity, larger orifice size and the lower ratio set. The fit of the orifice with the new front leather may need a break-in period. Try this: lubricate well; put the drive band on the smallest pulley and treadle fast. Do this for a few minutes to mate the orifice with the leather.



## Returning to the Regular Flyer

1. Repeat the process listed above, this time installing the regular front maiden post, flyer and regular bobbin.
2. Be sure to follow the same instructions for tensioning your drive band noted above when returning to using the regular flyer.