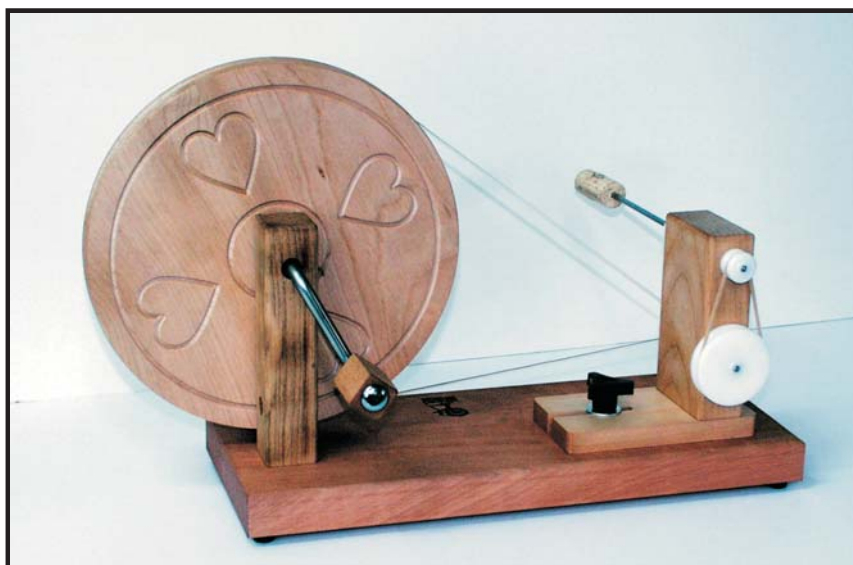
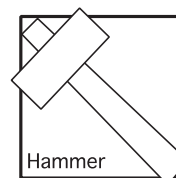
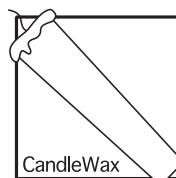


Assembly Instructions for the Ashford Accelerated Charka



Tools Required

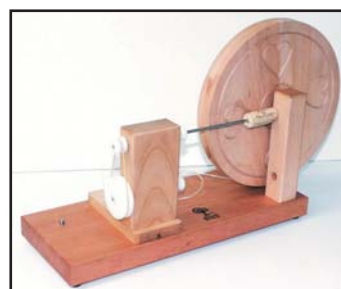


Safety First

The Charka Spindle is extremely sharp. Always use the cork spindle protector, turn the spindle to the safe storage position and store away from children. By storing the spindle in this position when the wheel is not in use, it will prevent the polycord drive belt from stretching.

Safe Storage Position

When not spinning, loosen the tri knob, slide the spindle unit towards the wheel and rotate it so the spindle is beside the wheel. This is the safe storage position.



Finishing the Wood

Your Accelerated Charka has been factory finished with Danish Oil. This may be enhanced with Ashford Teak Wax or furniture wax.

Maintenance

The bearings on this wheel are sealed for life ball bearings and need no lubrication. However, apply an occasional drop of oil to the crank handle.

Assembly Sequence

Please read these instructions carefully before commencing

1. Attach the 4 rubber feet to the underside of the base with 12mm (1/2") round head screws.
2. Locate the 45mm (1 3/4") bolt up through the base and tap the head into the counterbored hole.
3. Locate the 25mm (1") steel pin into the hole in the base.
4. Locate the wooden handle onto the crank and secure with the dome cap.
5. Push the crank through the wheel support, place a brass spacer onto the crank and then tap the 40mm (1 1/2") tension pin halfway through the hold in the crank. This is best done on the edge of a work bench.
6. Attach this wheel support to the rear of the base with a 70mm (2 3/4") bolt and barrel nut.
7. Push the wheel onto the crank until it engages the groove in the wheel.
8. Place the second brass spacer and the other wheel support onto the crank.
9. Position the polycord between the 2 wheel supports.
10. Attach the front wheel support to the base with a 70mm (2 3/4") bolt and barrel nut. Check the wheel is aligned with the spindle pulleys, then tighten the bolts with the allen key provided.
11. Attach the spindle support block to the spindle base with 40mm (1 1/2") screws.
12. Place the spindle unit onto the base. Check the steel pin locates into the groove. Then secure with a large washer and nylon tri knob.
13. Locate a rubber band onto the 2 pulleys on the rear of the spindle unit.
14. Slide the spindle unit close to the wheel and fit the polycord drive belt.
 - Fitted to the top spindle pulley gives a ratio of 15:1
 - Fitted to the bottom spindle pulley gives a ratio of 60:1

Your Ashford Accelerated Charka is now ready to spin.

Spinning Technique

Tie a leader thread onto the spindle and commence turning the crank. Note the leader thread will run off the point by holding the thread at about 45 degrees to the spindle. Hold the yarn at this angle and commence drafting the yarn in the long draw technique, turning the wheel sufficiently to achieve the necessary twist for your yarn. When you have 900mm to 1200mm (3 to 4 feet) of spun yarn, stop the wheel and turn it backwards 1/2 to 1 turn to take the yarn away from the point. Then turn the wheel forwards winding the yarn onto the centre portion of the spindle. Commence turning the wheel again and spin another length of yarn.