

# e-SPINNER 3 BOBBIN WINDER QUILL SPINDLE ATTACHMENT

This accessory allows you to use your e-Spinner 3 to:

- Wind yarn onto Ashford 10cm (4") and 15cm (6") boat shuttle bobbins.
- Wind yarn onto Ashford paper bobbins.
- Spin yarn off a point.

## **DANGER - Sharp Point**

When mounted on the e-Spinner 3, the stainless steel spindle tip is sharp and poses a serious injury risk.

- **ALWAYS** remove the spindle from the e-Spinner 3 when not in use.
- **ALWAYS** store the spindle in a safe place.
- **DO NOT** allow children near the e-Spinner 3 when the spindle is fitted.



#### Fitting the e-Spinner 3 Bobbin Winder / Quill Spindle

- 1. Apply a drop of oil to the flat end of the spindle.
- 2. Align the flat on the spindle with the raised line on the flexible motor drive.
- 3. Push the spindle fully into place.
- 4. Snap the bearing bush into the front flyer bearing.
- 5. Apply a drop of oil to lubricate the front bearing.

#### **Winding Boat Shuttle Bobbins**

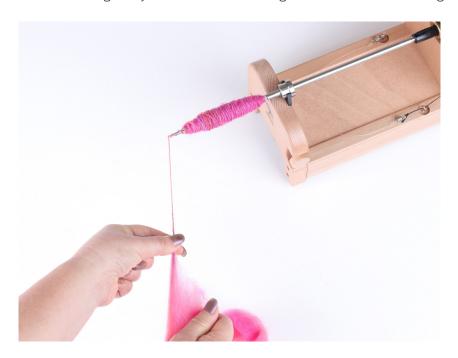
- 1. Slide the bobbin onto the tapered spindle with the Ashford logo end first until it jams tight. *Note:* The bobbin hole is tapered. If it does not slide on fully, reverse it.
- 2. Set the speed dial to SLOW.
- 3. Wrap your yarn around the bobbin to start.
- 4. Hold down the foot switch, then switch on the e-Spinner 3.
  - The e-Spinner 3 will stop as soon as you release the foot switch.
- 5. Layer yarn evenly along the bobbin by moving your hand quickly back and forth.
  - This criss-crossing layers allows the yarn to flow off the bobbin smoothly when weaving.
- 6. Adjust the speed dial until you reach a comfortable winding speed.

Some non-Ashford bobbins with larger centres can be used with an Ashford paper bobbin placed on the spindle first.

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## Quill Spinning (Spinning off the point)

- 1. Set the speed dial to SLOW.
- 2. Select Z-TWIST (clockwise rotation).
- 3. Slide an Ashford paper bobbin fully onto the spindle (or wrap paper around the spindle).
  - This allows the finished spun yarn to be removed easily.
- 4. Tie a leader thread, about 1.5 m (5 ft) long, around the middle of the bobbin.
- 5. Hold down the foot switch, then switch on the e-Spinner 3.
  - The e-Spinner 3 will stop as soon as you release the foot switch.
- 6. Allow part of the leader yarn to wrap around the bobbin.
- 7. Guide the leader yarn so it runs off the spindle point at a 45° angle.
- 8. Hold the yarn at this angle and begin drafting your fibres.
  - Slow speed for chunky/textured yarns.
  - Faster speed for finer yarns.
- 9. When you have spun 90–120 cm (3–4 ft) of yarn:
  - Stop the e-Spinner 3 by lifting your foot off the foot switch.
  - Unwind yarn off the end of the point.
  - Hold the spun yarn over the middle of the bobbin.
  - Restart the e-Spinner 3, allowing most of the yarn to wrap around the bobbin.
  - Bring the yarn back to a 45° angle and continue drafting.



10. Repeat this process as needed. *Hints:* If the yarn "knocks" loudly when rolling off the spindle point reduce yarn tension or change your drafting angle. A gentle knocking noise is normal. If you are not doing long draw off to the side, you may prefer to position the e-Spinner 3 at approximately 45° to the edge of your table.

# More Information



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