

WW7602

# DOUBLE END ELECTRIC WINDER

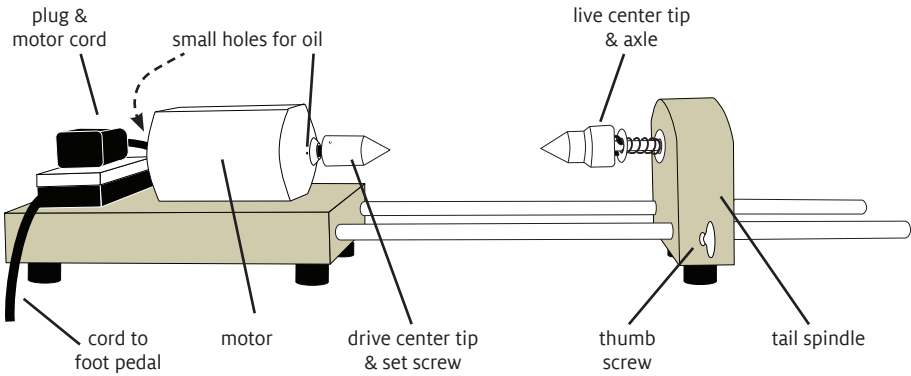
## ASSEMBLY & USE



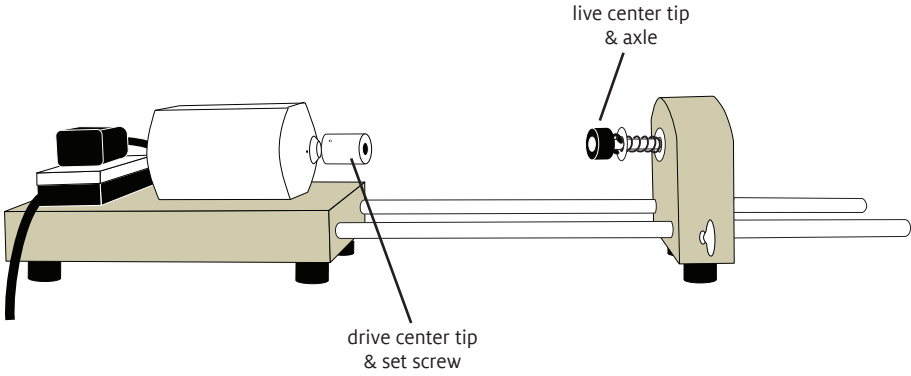
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**FIGURE 1: ELECTRIC BOBBIN WINDER WITH REGULAR TIPS**



**FIGURE 2: ELECTRIC BOBBIN WINDER WITH LACE TIPS**

# DOUBLE END ELECTRIC WINDER

## ASSEMBLY & USE

### WINDING

1. Place one end of the bobbin (or pirn or spool) on the drive center tip on the motor.
2. Loosen the thumb screw of the tail spindle and slide it toward the motor until the live center tip fits securely into the other end of the bobbin. The spring on the live center axle should be slightly compressed. Tighten the thumb screw.
3. To change the bobbin, compress the spring on the live center axle and pull the bobbin off the drive center tip on the motor.
4. You can now set up a new bobbin of the same size by compressing the spring and pushing the bobbin onto the drive center tip. For a bobbin, pirn, or spool of a different size, repeat Steps 1 and 2.

### NOTES


- This winder will hold bobbins, pirns, and spools up to 9" long with flanges of up to 4" in diameter.
- It is normal for the motor and foot pedal of the bobbin winder to get quite hot during use. Always wear shoes when using the bobbin winder.
- The power receptacle has 2 outlets, labeled "motor" and "light." Always plug the motor into the "motor" outlet; otherwise the winder will run continuously.

### MAINTENANCE

Occasionally put a small drop of oil on the live center axle and in the very small holes at each end of the motor.

### SWITCHING REGULAR & LACE TIPS

If you have regular and lace winding tips, you can switch them to handle different types of winding tasks.

1. Replace the drive center tip on the motor (Figure 1 or 2): use the hex wrench to loosen the set screw in the tip and pull the tip off the axle. Insert the new drive center tip firmly on the axle and tighten its set screw.
2. Remove the installed live center axle and attached tip from the tail spindle (Figure 1 or 2): remove the e-clip at the outer end of the axle. Slide the axle and attached tip out of the tail spindle, removing 3 washers, a second e-clip, and the spring.
3. Install the new live center axle and tip (Figure 3): insert the axle through an e-clip, a washer, the spring, and a second washer. Now insert the axle through the tail spindle from its inner side. Add the last washer and secure the axle with the last e-clip, clicking it into the groove at the end of the axle. 

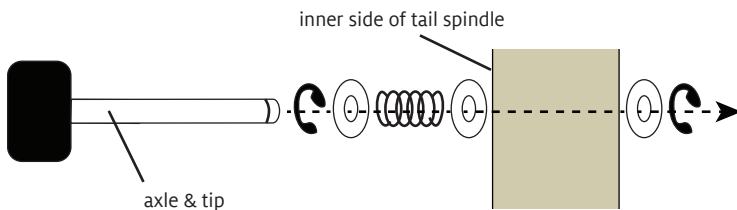


FIGURE 3: INSTALLING THE LIVE CENTER AXLE AND TIP

# SCHACHT WINDING ACCESSORIES



*Spool Rack and  
Cardboard Spools*



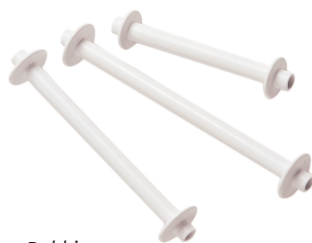
*Warping Paddle*



*Pirns*



*Winding Station*



*Bobbins*



*Yardage Counter*