

# SIDEKICK™

SK7770  
SK7771

SK7775  
SK7703

## BULKY PLYER FLYER

### INSTALLATION & USE



#### USE THE BULKY PLYER FLYER

when you're plying or spinning bulky yarns, art yarns, and large skeins. The bulky flyer features an extra-large orifice and flyer hooks. The bulky bobbin can hold about 8 ounces of yarn.

You can use the same bulky flyer and bulky bobbin on the Ladybug, Matchless, Flatiron, and Sidekick wheels. Each wheel has its **own** bulky front maiden; these can be purchased separately if you own more than one Schacht wheel.

Set up the Bulky Plyer Flyer by removing the standard front maiden and attaching the bulky front maiden. Install the bulky bobbin, flyer, and whorl of your choice for Scotch tension mode. **We recommend using the Bulky Plyer Flyer in Scotch tension mode only.**



Find out more at [schachtspindle.com](http://schachtspindle.com)  
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## PARTS

Sidekick bulky front maiden & bearing  
bulky flyer  
bulky bobbin

## REMOVE THE STANDARD FRONT MAIDEN

1. Remove the standard flyer, bobbin, and whorl from the wheel as you would to change a bobbin or whorl.
2. Remove the standard front maiden: Open the front maiden quick release lever. Unscrew its knob on the right side of the wheel, then remove this knob and the washer. Pull the lever handle to the left until the shaft comes completely out of the front maiden. Remove the front maiden from the wheel (Figure 1).
3. Store the standard front maiden and standard flyer safely.

## INSTALL THE BULKY FRONT MAIDEN

4. Orient the bulky front maiden with the logo at the front of the wheel (Figure 2).
5. Fit the bulky front maiden between the wheel sides. Align the hole through the maiden with the slots in the sides. Insert the shaft of the quick release lever through the left side, the bulky maiden, and the right side. Add the washer and knob to the shaft and tighten slightly—there should be a 1/8" space between the lever and the left side. Close the quick release lever.

You should be able to close the quick release lever with firm pressure. If it closes loosely, tighten the knob. If it requires a lot of pressure to close, loosen the knob.

## INSTALL THE BULKY FLYER

If you're comfortable installing the regular flyer, bobbin, and whorl on your Sidekick, follow the same steps to install the bulky flyer and bulky bobbin. You can start spinning.

## TOOLS REQUIRED

#2 Phillips screwdriver (optional)

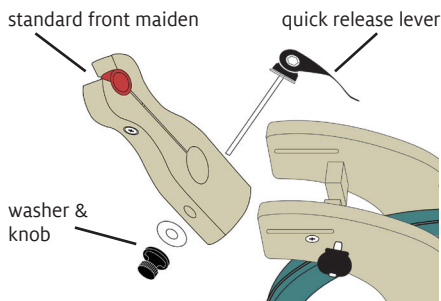


FIGURE 1: REMOVE STANDARD FRONT MAIDEN

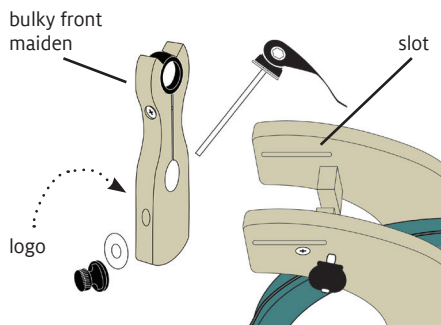


FIGURE 2: INSTALL BULKY FRONT MAIDEN

## FOOTMAN REMINDER

The metal tabs on the treadles have 2 holes.

- When the wheel is folded, connect treadles to the wheel sides through the hole at the **rear** of the metal tab.
- When the wheel is unfolded for spinning, connect footmen to treadles through the hole at the **front**.

Steps 6 through 9 explain the process:

**6.** Add the bulky bobbin and a whorl to the bulky flyer. Orient the bulky bobbin with its large end at the back of the wheel, as shown in Figure 3.

**7.** If the front and rear maidens are folded, unfold them: Open their quick release levers. Flip the rear maiden into a vertical position, until it rests against the rear maiden stop, and close its quick release lever. Flip the front maiden into a vertical position, then slide it all the way forward in the slot. Leave the quick release lever open for now.

**8.** Install the flyer on the wheel: Slide the flyer through the Scotch tension brake and the drive band (Figure 3). Place the flyer shaft in the rear bearing. Place the orifice in the front bearing, then slide back the front maiden until it rests against the front maiden stops. Tighten the quick release lever on the front maiden.

**The front and rear maidens must be vertical and pushed tightly against their stops, as shown in Figure 3.** When they are correctly positioned, there will be a gap of about 1/16" between the front bearing and the shoulder of the flyer shaft. If there is no gap, see "Troubleshooting" below.

**9.** Set up Scotch tension: Place the Scotch tension brake into the groove on the bobbin. Stretch the drive band over the whorl and set it into one of the whorl grooves (Figure 4).

**Be sure that the drive band travels from the front of the drive wheel, under the left pulley, around the whorl, over the right pulley, and down the back of the drive wheel. There should be no twists in the drive band.**

You're ready to spin. Adjust take-up by turning the Scotch tension peg to tighten or loosen the brake.

**NOTE:** As you spin or ply, the bulky bobbin will get heavier. You may need to tighten the Scotch tension brake often.

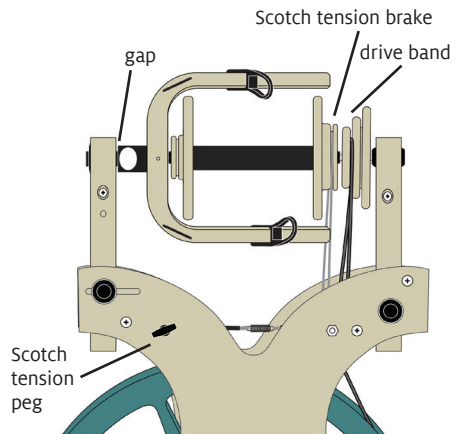


FIGURE 3: INSTALL BULKY FLYER

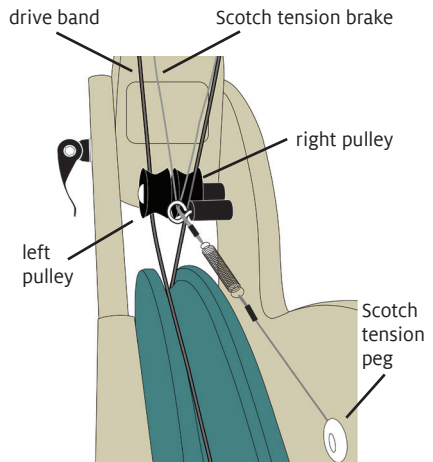


FIGURE 4: SET UP SCOTCH TENSION

## TROUBLESHOOTING

- If the bulky flyer does not spin freely, remove it and reinstall without the drive band and Scotch tension brake. Check for the 1/16" gap between the bearing and shoulder of the flyer shaft (see Figure 4 on page 3). Spin the flyer by hand. If it spins freely, reinstall the drive band and Scotch tension brake; now you can start spinning.
- If the bulky flyer does not spin freely, remove it. If there is no gap, use a #2 Phillips screwdriver to loosen the screw in the rear maiden. Position the flyer correctly, with the gap. Then tighten the screw in the rear maiden. If the bulky flyer spins freely, reinstall the drive band and Scotch tension brake. Now you can start spinning.

## MOVING THE FLYER HOOKS

The adjustable flyer hooks can be set at any position you choose so that the bobbin fills evenly (Figure 6). Hold a hook above and below the flyer arm and slide it into place.

To keep your flyer in balance, always leave both adjustable hooks on the flyer.

The stationary flyer hooks should never extend beyond the flyer arms. If necessary, turn them gently. 📏

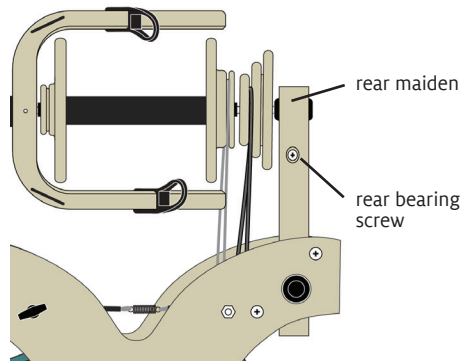


FIGURE 5: ADJUSTING THE REAR BEARING

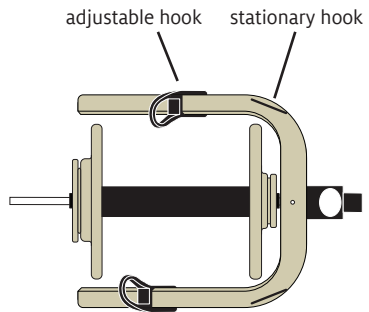


FIGURE 6: FLYER HOOKS

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