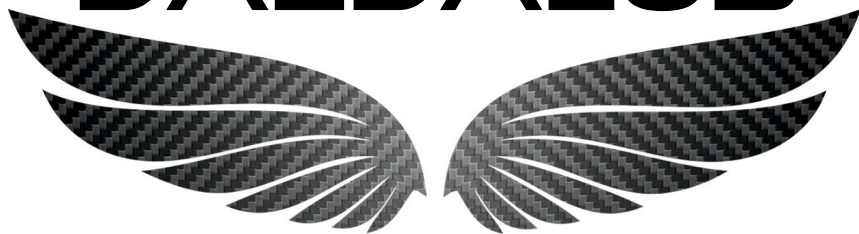
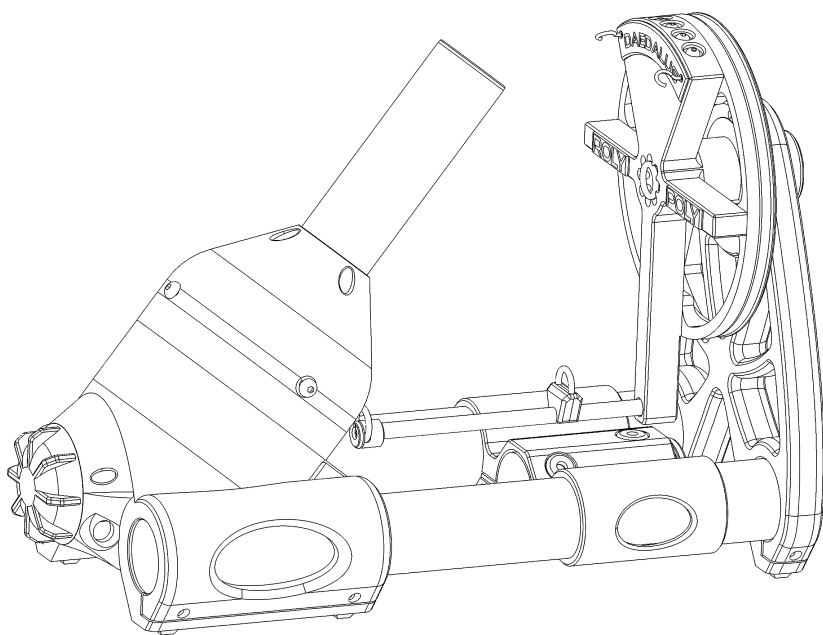


DAEDALUS



SPINNING WHEELS



ROLY-POLY

WELCOME TO THE FLOCK!

Congratulations on purchasing the Daedalus Roly-Poly, and welcome to the Flock. We at Daedalus couldn't be more thrilled that you decided to trust us with your fiber tool purchase. The Roly-Poly was designed to wind yarn balls effortlessly with the flip of a switch and the turn of a knob, but with a twist: it winds a nostepinne-style ball, not a standard cake. Roly-Poly can wind fine and wide gauge yarns, as well as large and small skeins. Whatever your needs, Daedalus has you covered. The Roly-Poly also pairs well with the Whirligig electric skeiner/swift. Should you need any assistance in the future with your wheel, please do not hesitate to contact us at support@daedalusspinningwheels.com.

- 40 mm Core (22 mm Core is underneath)
- Core Base
- Tie-Off Bolts
- Rear Motor

- Speed Dial
- Power Socket





- Guides
- Flyer
- Drive Belt
- Front Bearing
- Front Orifice

- Rear Orifice
- Tension Hooks
- Front Motor

- Face
- Serial Plate

***Do not use while unattended and make sure
toggle switch is within reach at all times***

GETTING STARTED

Before operating, we highly recommend reading over the manual as well as watching our videos on how to use the Roly-Poly. Simply scan this QR code with your mobile device's camera or go to <https://www.youtube.com/@daedalusspinningwheels>.



Roly-Poly comes fully assembled and ready to start balling your yarn. Unpack and plug it into the power brick, remembering to add the toggle power switch first. Using the threader hook tool, route your yarn from your swift. Thread it into the front orifice, out the rear orifice, and then through the two guide rings (one along the flyer arm and the second one at the end of the flyer arm). Anchor the end of the yarn at one of the silver screws around the cone-shaped Core Base. (There are two screws with recesses for thicker yarns and two without recesses, for finer yarns).





Decrease Speed



Increase Speed

Make sure the speed knob is turned all the way down (counterclockwise). Turn the toggle switch on and the core will begin to spin slowly. Now you can start turning up the speed knob just a bit, which allows the flyer to begin slowly wrapping the yarn around the core. You might want to add a little “hand tension” by gently pinching the yarn going into the front orifice. Although it’s not technically necessary, this gives a firmer start to the ball.

After about an ounce or so—maybe golf ball sized—you can release the hand tension and begin increasing the speed knob. How fast you operate is up to you. You can quickly get to full speed if you like and finish a four ounce skein of fingering yarn in under four minutes. You can take the slower method and increase the speed knob when you start seeing gaps inbetween the adjacent wraps, trying to maintain the perfectly side-by-side wrapping. This process can take 8-10 minutes for that same four ounce skein of yarn.

TIPS & TRICKS

The Roly-Poly should never be used while unattended or operated by someone who has not read the manual in full to ensure that it is being used correctly at all times. Ensure that the toggle switch is within reach at all times.

Getting to know your Roly-Poly

Start with slower speeds, and feel free to keep the yarn going lightly through your hand. This way you are adding a little bit of hand tension and monitoring the density of the ball. This is a good way to become familiar with the range of tension and ball densities until you get the results you want. At any point, you can simply turn up the speed a bit, and the extra drag from the added speed will allow you to let go of the yarn. You'll still have the same tension, but you can sit back and relax.

Precautions

If your skein snags on your swift, quickly turn off the switch on the Roly-Poly and turn the speed dial to zero. Then take one wrap off the core to create some slack in the yarn, and clear the snag on the swift. Before you start the Roly-Poly again, make sure the speed is dialed down so you're not restarting at full speed. You can speed up the flyer once the swift is moving freely again.

For an umbrella swift, ensure the umbrella is not tight against the top of the post, creating friction. You want the swift to move freely. Note that certain swifts can cause fluctuations between very slack and moderate tension with every revolution.

Watching the Roly-Poly wind is mesmerizing, but your primary focus needs to be on the swift, watching for snags, especially if your skein looks like it may have issues.

What is the Ideal Setup?

Experiment with locations to set up your Roly-Poly and Swift of choice. We typically keep the Roly-Poly and Whirligig on the same surface, about 2-5 feet apart. For freshly spun handspun, placing them further apart can allow the twist to be more evenly dispersed throughout the yarn.

Which Core should I use?

The 40mm core will be used in most cases.

The 22mm core is great for laceweight or finer yarns, slick yarn (silks/tencels), fluffy yarns (mohair, eyelash, boucles), as well as for a skein of 50 grams or less.

Should I use Tension Hooks?

Tension hooks are recommended for finer yarn and slick yarns in concert with the thinner 22mm core.

What are the size limitations?

Maximum ball width is 8.5" wide, and yarn can be as thick as what can fit through and move freely through the orifice and guides.

Should I reskein before I wind onto the Roly-Poly?

If the skein looks like it could be potentially problematic, please reskein before attempting to wind it. Signs to look for:

- 1 skein tie instead of 3 (the more ties, the better organized)
- Disheveled (looks messy or like the skein may reverse direction on itself)
- Yarn sticks to itself
- Uneven (dimensions of wraps are not evenly distributed)

If you cannot reskein it, you'll want to go slow and use hand tension.

Precautions for fine, slick, singles, and specialty yarns

- For slick yarns like silks and tencel and fine yarns, we recommend USING tension hooks, the 22 mm core, and slower speeds.
- When winding singles, they should be handled with care by keeping the speeds of your Roly-Poly low. This will cause gaps in the wraps but will be safer for your singles.
- For specialty yarns that are fluffy, such as mohair, eyelash, and boucles, we recommend the 22 mm core, NO tension hooks, and slower speeds.

You may need to make additional adjustments depending on your setup and the yarn you are working with, so experimentation may be necessary.

ALL ABOUT TENSION

Tension (how tight the yarn is when being pulled into Roly-Poly) will affect the density of your ball. The speed you operate will influence tension, because at higher speeds, any given swift will have more drag. A good low-friction swift will still produce acceptably dense balls at higher speeds. However, if your swift isn't as smooth or squeaks and/or "barks" at mid speeds, then you might consider keeping the speed knob in the lower ranges if you require a lower ball density.

In the case of needing a tighter ball with higher density and simply running faster speeds isn't desired, you have the option of using the internal tension hooks built into the flyer. You can route your yarn around these two hooks before running it back through the two steel guide rings. This detour in the yarn path will add more tension to the yarn going onto the ball. In testing, this feature would only be used when balling fine silk blends at lower speeds. (Silk blends have less drag overall and therefore less tension.)



Singles should be wound with care by winding slowly which will cause gaps.



Yarn by Evanita Montalvo

FINISHING

When the ball is finished and you've turned it off, the first thing to do is to remove the yarn from the silver anchor screw. You can then slide the ball off of the carbon fiber core, or you can pull the 40mm core off with the ball, remove the ball and replace the core.

Your ball will be open on the inside at this point, which you can leave as is, or you can squeeze the ball (horizontally and vertically) to "collapse" the open center.

Either way, you'll be able to easily center-pull the yarn. If you have the yarn info tag, you can place it into the center of the ball before collapsing it (with both ends of the yarn taped to it, for maximum organizational pleasure).



Yarn dyed by Spotted Ewe Fibers



Yarn by Evanita Montalvo







MAINTENANCE

Roly-Poly is designed to operate full-time at full speed, under heavy tension, without overheating or failing in any way. Even though no maintenance is needed for your Roly-Poly, should you ever need any assistance please do not hesitate to contact us at support@daeadlusspinningwheels.com.

To clean your Roly-Poly, please use a lint-free cloth. If needed, dampen the cloth with water only. Please do not use detergents or cleaners. Canned air is recommended for keeping crevices clean of fiber and yarn debris, but be certain to keep the can upright while spraying to avoid damaging the surface of your Roly-Poly.

SPARES KIT & ACCESSORIES





LACE
324 G

LACE
25 G

FINGERING
102 G

SPORT
107 G







Yarn by Evanita Montalvo

JOIN THE FLOCK ONLINE

Facebook Group

<https://www.facebook.com/groups/239274393420200>

Discord Group

<https://discord.gg/Y2uUfDsZhQ>

YouTube & Instagram - @DaedalusSpinningWheels

Hashtags

#DaedalusSpinningWheels #DaedalusMagpie #DaedalusStarling
#StarlingV3 #DaedalusSparrow #DaedalusFalcon #SpinWithDaedalus
#MadeWithDaedalus #TeamDaedalus #DaedalusRolyPoly

CONTACT DAEDALUS

Website - <https://www.daedalusspinningwheels.com/>

FAQ - <https://www.daedalusspinningwheels.com/faq>

Shop - <https://shop.daedalusspinningwheels.com/>

Email - Support@daedalusspinningwheels.com

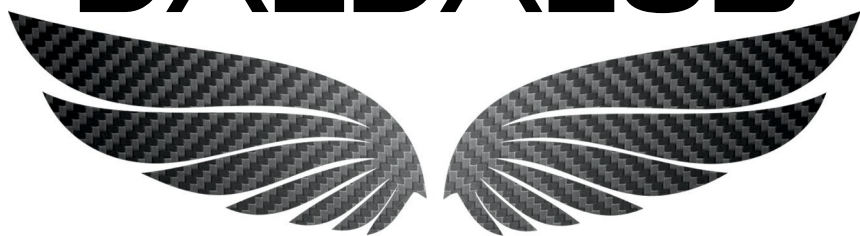
SAFETY NOTES & DISCLAIMER

Roly-Poly is capable of high-energy speeds. For maximum safety, please be mindful of your children and pets by keeping your winder unplugged from power when you are away from it.

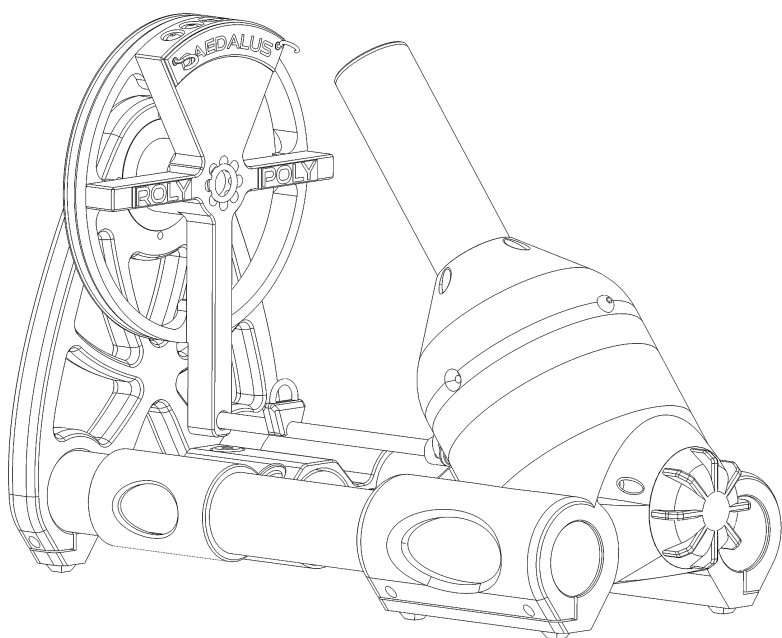
All tools made by Daedalus Spinning Wheels use 15V power supplies. Using anything other than 15V can be harmful to your wheel and void your warranty. When using a battery, please ensure it is set to 15V.

Daedalus Spinning Wheels LLC will not be held liable for any damages incurred to persons or property due to the use of non-approved third-party manufactured components on our products. Doing so will void your warranty. Please email us with any questions regarding modifications or third-party equipment.

DAEDALUS



SPINNING WHEELS



ROLY-POLY