

Specifications

Weight:	miniSpinners weigh as little as 3.5 pounds (1.6 kg), depending on type of wood
Size:	6-1/4W x 10L x 8"H (160x254x205mm)
Flyers:	HansenCrafts jumbo flyer (standard) or HansenCrafts lace flyer (optional)
Orifice:	5/8" (15 mm); optional reducers are 1/8" (3mm), 1/4" (6mm), 3/8" (10mm)
Bobbin capacity:	Jumbo: 70.4 cubic inches/1154cc Lace: 27.4 cubic inches/448cc
Tension:	Versatile, easily adjustable Scotch tension
Footswitch:	User-configurable, works as hand control
Motor:	Powerful, high-quality 12 volt motor is quiet and reversible for Z or S twist: Classic: 15 watt brushed DC motor Pro: 40 watt brushless DC (BLDC) motor
Power supply:	12 volts DC, typically < 1 amp, maximum ~1.5 amps (Classic), ~3.5 amps (Pro)
Speed range:	Continuously variable from nearly zero to 2,000 RPM (Classic) or 2,800 RPM (Pro), depending on flyer installed
Speed controller:	State-of-the-art programmable microcontroller-based pulse width modulation (PWM) w/soft-start and soft-stop for smooth acceleration and deceleration, overload protection, bicolor LED that shows direction, remote switch mode, and error conditions
Warranty:	miniSpinners are warranted against defects for life to the original owner. We expect that you will maintain your miniSpinner according to the instructions, and not abuse it. We provide outstanding product support to all miniSpinner owners.



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Hansen @ Crafts

ULTIMATE espinnerers!



miniSpinner™
and
miniSpinner™ Pro

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miniSpinners are changing the handspinning world!

Handspinning tools have evolved for thousands of years, and miniSpinners offer the newest and best technology available. miniSpinners are wildly popular with handspinners of all skill levels, including many well-known instructors. miniSpinners are quiet, portable, attractive, capable, and easy to use. There are no ratios, no treadling, no complicated adjustments or skills to master. You can focus entirely on making great yarn.

Make Better Quality Yarn—easily

You're not distracted by the need to treadle. Concentrate totally on handling your fiber. After all, that's the hand part of handspinning.

You can easily adjust the flyer speed to add the perfect amount of twist for the diameter you're spinning. No need to puzzle over what ratio you should use, just turn the speed dial.

The miniSpinner's uniform speed and soft-start and -stop features plus the gentle and responsive feel of both of our flyers make for smooth and effortless spinning. Experienced spinners often comment about it.

Beginner?

There is no easier way to learn to spin.

We can often teach beginners how to spin usable yarn in a few minutes when we vend at spinning events.

Improved ergonomics

Sit in a comfortable chair with your feet up if you like, or stand and move around a little while spinning. You're not stuck in one position with a miniSpinner! Some people even spin on their treadmill, or while using their exercise bike.

miniSpinners are ideal if you have physical issues.

Portability and Travel

Your miniSpinner is *truly* portable. Pack it in your carry-on bag or carry it in its own tote bag. You don't need to be near an electrical outlet, either, if you get a small rechargeable 12 volt battery (available from third parties).

You can even use your miniSpinner in your car, RV, or boat (a 12 volt cord is included).

There are two models of miniSpinners:

The Classic—the original miniSpinner

The Classic miniSpinner is powered by a high-precision, quiet, German-made 16 watt brushed DC motor. We've sold thousands of them, and they're great for nearly all spinners. Push the button or tap the foot switch, and you're spinning! Easily adjust speed as desired.

All miniSpinner Classics include: 100–240 VAC universal 12 volt power supply, 12 volt automobile power cord, footswitch, orifice threader, user guide, jute tote bag, choice of flyer, and one bobbin.

The Pro—the ULTIMATE espinner

The miniSpinner Pro uses a Swiss 40 watt brushless DC (BLDC) motor that's 2.5 times as powerful as the Classic's motor. The Pro is the same shape, size, and weight as the Classic, but is even quieter because it's brushless!

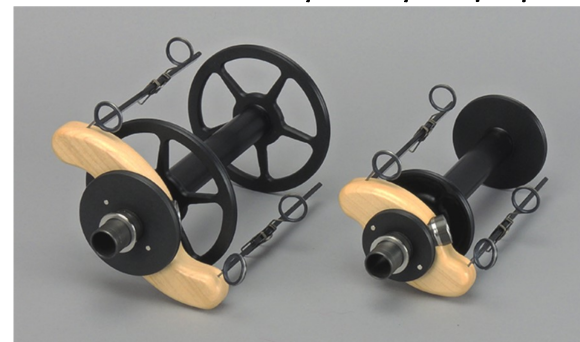
The Pro has tremendous torque at low speeds, and a higher top speed than the Classic. This is wonderful for art yarn and bulky yarn spinners, as well as professional spinners for whom speed equals productivity.

The miniSpinner Pro has a revolutionary, custom, closed-loop speed controller that maintains the speed you set, independent of load, even at very low speeds. Think of it as Cruise Control for your miniSpinner Pro!

miniSpinner Pros include: 100–240 VAC universal 12 volt power supply, 12 volt automobile power cord, footswitch, orifice threader, user guide, jute tote bag, 2 extra jumbo bobbins (or 3 lace bobbins, depending upon flyer selected), gear bag, maintenance kit, and a set of 3 orifice reducers.



Choose the best flyer for your project



HansenCrafts flyers have strong, rectangular carbon-fiber arms with very low aerodynamic drag and sliding yarn guides you can move with a simple push—no need to squeeze to move them! The yarn guides have ceramic eyelets for low friction and exceptional wear resistance.

The **jumbo flyer** is suitable for laceweight to bulky art yarns. It has a light draw-in for a flyer of this size and is very pleasant to spin on. Speed to ~1,500 RPM (Classic), ~2,000 RPM (miniSpinner Pro).

Our **lace flyer** was designed specifically for spinning fine yarns up to a light worsted weight. Exceptionally light draw-in and a lovely, soft, responsive feel. Speed to ~2,000 RPM (Classic), ~2,800 RPM (Pro).

Accessories

We offer a variety of accessories for miniSpinners, including breakdown bobbins, maintenance kits, orifice reducers, Super Lube grease, and our quill/bobbin winder. Our **Breakdown Bobbins** are light, responsive, and easy to store. Available in black, indigo, and purple.



Our new display shows direction, remote switch mode, flyer RPM, percentage of motor power being used, and total motor run time. The last line is reserved for error messages. Works with both Classic and Pro; on the Pro it can also be used as a remote on/off switch.

