

HansenCrafts



miniSpinner

The HansenCrafts *miniSpinner* is an attractive, light, compact, and very portable electronic spinning wheel.



Cherry miniSpinner with WooLee Winder level-wind flyer

The HansenCrafts *miniSpinner* is powerful, yet it is as quiet as a conventional treadle-drive wheel. It's great for spinners who travel, light production spinners, and spinners who have difficulty using a traditional treadle-powered wheel. Tap the foot switch (included), and you're spinning! You can adjust the speed at any time. And, of course, it reverses for plying.

A little history:

My wife Beth and I spent several years sailing in the Pacific. During that time, we stayed nearly a year in Tasmania, where Beth became interested in spinning.

The only problem was, a conventional wheel was far too large for our boat. But, thanks to the suggestions of Tassie friend Charles Payne, the first *miniSpinner* (now known as "Mark 1") was conceived. I made it as a proof-of-concept in

pine – a bit crude – but Beth spun many happy hours on it.

After Tasmania, we sailed on to New Zealand where a local friend became enchanted with Beth's spinner. So, we sold Mark 1 and I built a much nicer model, "Mark 2", on board our sailboat in the Maharangi River on North Island, NZ.



Cherry and Maple miniSpinners

Several years (and many hours of spinning on Mark 2) passed. We finished our Pacific cruise, sold RED (our sailing home of nearly 10 years) and moved on to design and build a home in Chimacum, Washington.

Once the house was mostly finished I designed a much improved microcontroller-based speed controller for the miniSpinner, made it prettier and far more sophisticated, and turned it into a "real" commercial product.

It's been a lot of fun to design and build these, and I hope you enjoy using yours.

Kevin Hansen



Cherry miniSpinner in action on a TV table

Specifications:

Weight:	About 4 pounds (1.8 kg)
Size:	6-1/4W x 10L x 8"H (160x254x205mm), fits into a medium-sized shoebox
Flyer:	Your choice – jumbo sliding hook or jumbo traditional style. WooLee Winder jumbo level-wind flyer (see photo opposite – highly recommended) available at extra cost
Orifice:	5/8" (15 mm), reducers optional
Bobbin:	8 Oz (225 g) capacity jumbo bobbins/9 Oz with WooLee Winder
Tension:	Easily adjustable Scotch tension
Motor:	Quiet, powerful, high-quality 12 volt DC motor, reversible for Z or S twist
Power supply:	12 volts DC, typically < 1 amp; AC power supply and cigarette lighter adapter included
Speed range:	Continuously variable from 0 – 1500 rpm
Speed controller:	State-of-the-art programmable microcontroller-based pulse width modulation (PWM) w/soft start to ramp gradually up to desired speed
Foot switch:	Included; user configurable as "deadman" mode (hold down for ON, release for OFF), or "tap-on/tap-off" mode
Woods:	Cherry or maple with a satin finish. Exotic woods are occasionally available at extra cost as the spirit moves me to make them
Included:	100-240 VAC universal 12 volt power supply, 12 volt auto adapter, foot switch, silver orifice hook, user guide, carry bag, 3 jumbo bobbins. (WooLee Winder includes only one bobbin)
Warranty:	The best: If you have any problems, questions, suggestions, or complaints, we will take care of you. Period.
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