

About the Artist:

David C. Roy

Mechanics and motion have always fascinated me. During college I studied physics, engineering and chemistry to further my understanding of how things worked. I graduated with a degree in physics from Boston University in 1974. This intuitive understanding of motion and mechanics combined with the artistic influences of my wife, Marji, led me to the creation of kinetic sculptures. In 1975 we started "Wood That Works" and I became a full time sculptor. Since then I have designed and handcrafted over 80 different limited edition and one-of-a-kind kinetic sculptures. I have exhibited in numerous juried, invitational and group events. My work is displayed in galleries and private collections around the world. I currently maintain a studio in rural northeastern Connecticut.

Wood
that Works

Zephyr • Directions

Kinetic Sculpture by David C. Roy
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To the Owner...

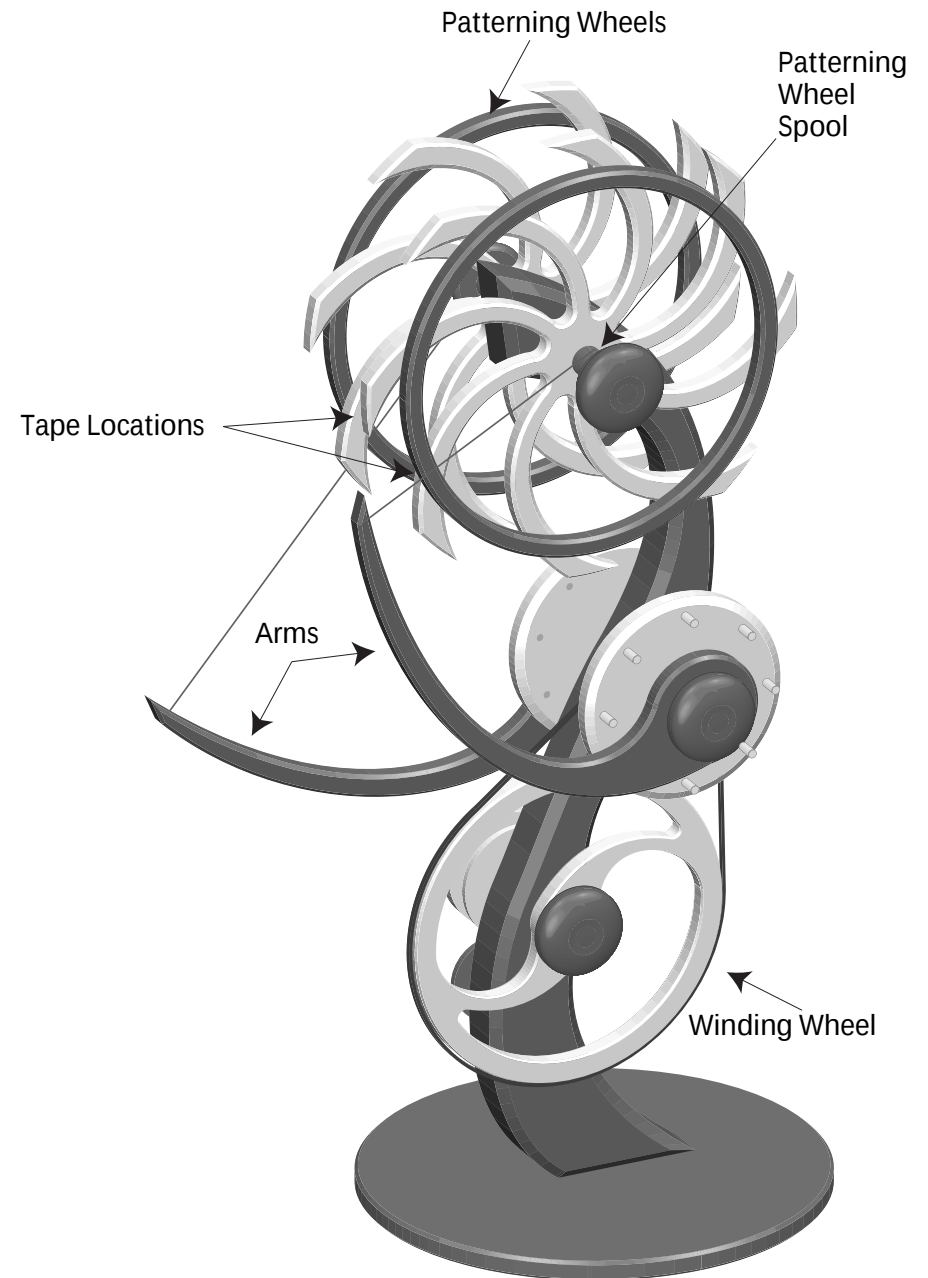
Hello,

Welcome to the world of Wood That Works. This Zephyr is number _____ out of a possible 150 pieces. It was made by me during the month of _____ in 1996. I build, test and pack each sculpture myself, doing 6-12 pieces of an edition per month. It takes several years for me to complete an edition and some are never finished as I move on to new designs. Designing and building kinetic sculptures like Zephyr has been my full time occupation for more than 20 years. I hope Zephyr brings you and other viewers as much enjoyment as I've found in making it.

Zephyr has been running in my shop for at least 2 complete windings (several hours) before I pack it. I make every effort in design, construction and packing to make sure the piece will perform problem free for years to come. I use only the finest materials.

It leaves me happy and satisfied to find that my work has made it's way into new lives. I hope it brings you years of enjoyment.

David C. Roy



Directions:

Proper Stringing:

Zephyr is prestrung and tested before shipping. If for some reason it becomes unstrung, these directions should get it back up and running.

- Orient the sculpture so the winding wheel faces you.
- Unwind the loops of string from both patterning wheel spools.
- Wind the string closest to you around the patterning wheel spool 3 times in a clockwise direction.

Repacking:

- Tape the strings in place before repacking the sculpture. This will save a lot of aggravation when it is time to set the piece up again. See the diagram for the best tape locations.

About Zephyr:

Zephyr is the first freestanding sculpture I've designed and produced in several years. It's always a challenge to get "off the wall" and design something that can be viewed from all angles.

The drive mechanism and motion of this sculpture are quite simple. The arms move up and down in opposite directions. They pull on strings attached to the common axle of the upper spoked wheels. These wheels turn together several revolutions in one direction and then reverse.

The basic mechanism is quite simple but the patterning created by looking through the double wheels is complex and variable. It changes with each shift in angle you view the sculpture from.

One definition of Zephyr is the god of gentle breezes. This sculpture, to me, whimsically personifies a wind maker and hence, its name.

Specifications:

Limited Edition of 150

Size: 20"h x 12"w x 9"d

Power Source: negator spring

Approximate Run Time: 2 hours

Materials: hardwood plywood,
brass, bearings, string

Zephyr © 1995

Directions:

Remove String Tape

- Zephyr is prestrung and tested in the studio before packing and shipping. The strings are then taped in place. Remove the tape before trying to operate the sculpture.

To Wind

- Place your finger between the spokes of the winding wheel (see dia.). Turn the winding wheel clockwise 20 turns. If the arm gets in the way during winding gently push down on the opposite arm.

To Start

- Gently push down on which ever arm is in the upper most position.

