

About the Artist:

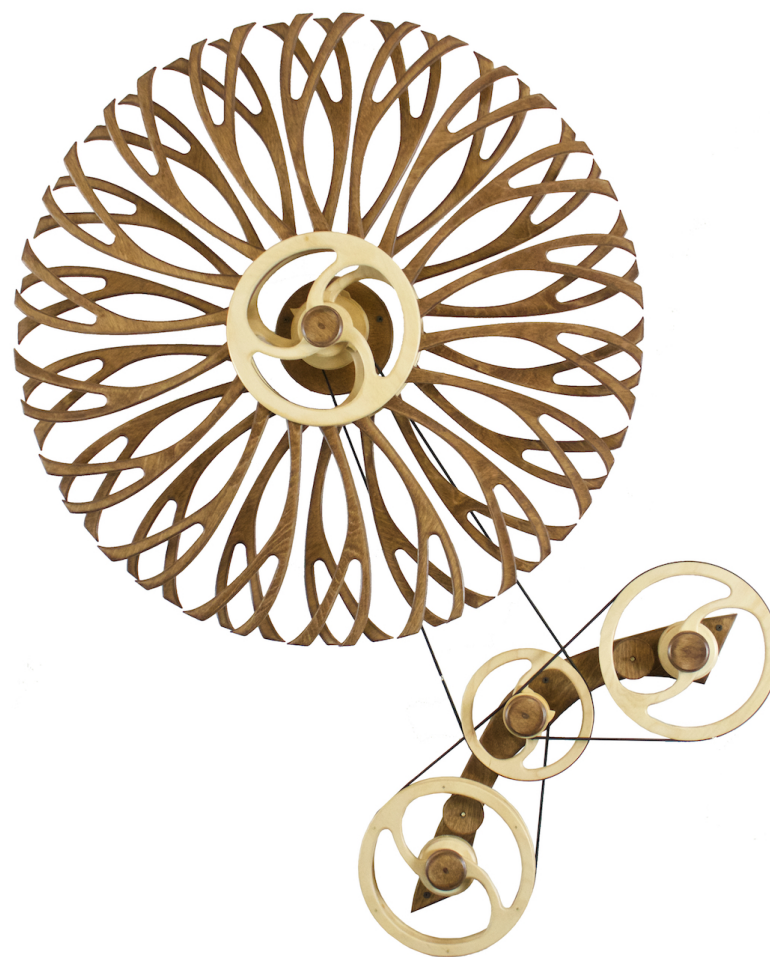
David C. Roy

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 150 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

Kindala-Forest • Directions

Kinetic Sculpture by David C. Roy
©2017



To the Owner...

Hello,

Welcome to the world of Wood That Works. This Kindala-Forest is number _____ out of a possible 24 pieces. It was made by me during the month of _____ in 2017. I build, test and pack each sculpture myself, doing 6 pieces of an edition per month. Designing and building kinetic sculptures like Kindala-Forest has been my full time occupation since 1975. I hope Kindala-Forest brings you and other viewers as much enjoyment as I've found in making it.

Kindala-Forest has been mounted on a wall in my shop and running for at least 2 complete windings (many 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. Of course, problems can still occur no matter how hard I try to prevent them. My answer to this is a warranty to the original owner against defects in materials and workmanship for five years. See the guarantee section of this booklet for details.

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

David C. Roy

Directions (continued):

To Start:

- If the sculpture does not start by itself after winding, **gently** push both patterning wheels in a counter-clockwise direction.

To Stop:

- Slow the motion of the patterning wheels with your hand and let them come to rest.
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Before Moving Sculpture:

- Always tape the spring-belts in place before moving 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. They are shown as gray rectangles.
 - Never lay the sculpture on a horizontal surface for a long period of time without supporting the patterning wheels. I use crumpled newspaper to support and separate the wheels when packing the sculpture.
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Guarantee:

- My kinetic sculptures are guaranteed to the original owner for a period of five years. All warranties expire with transfer of ownership from the original owner. Damage of the sculpture from exposure to extremes of high or low humidity, or to adverse hot or cold temperatures, or damage caused by normal wear and tear, accidents, misuse, or modification will not be covered by the warranty. Shipping and insurance to and from Wood That Works is the responsibility of the purchaser.
- I will charge a reasonable repair fee if the sculpture was damaged by misuse or needs refurbishment from normal wear and tear.

Directions (continued):

To Wind: Important First Time winding instructions:

- The first time you wind up this sculpture after unpacking requires special attention. Shipping may have caused parts to move unexpectedly.
- First look for obvious things that might have come out of alignment in shipping like belts out of pulleys.
- Only wind each spring TWO turns in a clockwise direction for the first run.



Wind in these 2 locations

Make sure the metal band is winding inside the larger spool walls. If it isn't, shift it so that it does. It should

be fine for all future windings. A short run will show you if parts slid out of alignment during shipping.

- If it doesn't run as expected email David at david@woodthatworks.com.

Subsequent windings:

- Turn each winding wheel (there are 2) clockwise 20 turns if completely unwound. Less if not.
- Pay close attention to the top of the light colored wood spool directly behind the winding wheel. Stop winding as soon as you see the red tape appear on the metal band. This is placed about 2 turns from the end. Winding beyond this point may damage the sculpture.

About Kindala-Forest:

About the Kindala Series

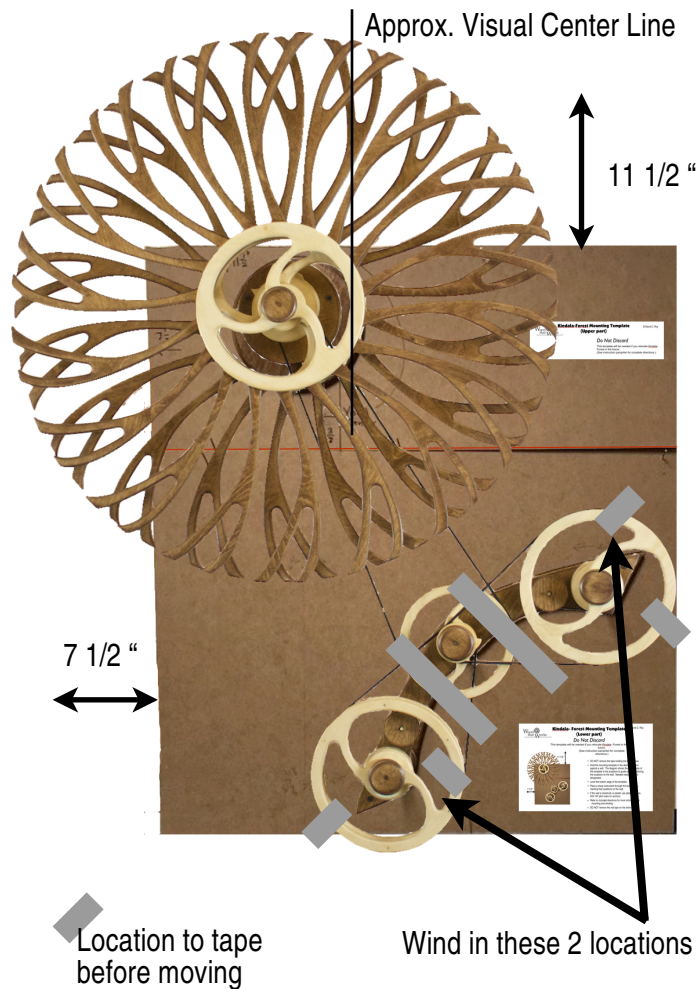
I've been exploring the concept of wall mounted kaleidoscopic and moiré patterns (sans color) since I introduced a sculpture called Kaleidoscope in 1979. Kindala-Forest is my latest and I think most successful attempt to capture the essence of the evolving radial patterns one sees when they turn the ring on a kaleidoscope.

I started working on this concept a year ago and introduced the first two versions in December 2016, Kindala-Sun and Kindala-Shadow. These are simpler versions featuring just the circular pattern wheels. The spring driven mechanism is located behind the wheels. This arrangement works well but limits the run time to about 8 hours and limits my control over the pace of the pattern changes.

For Kindala-Forest I moved the power and winding part of the mechanism away from the pattering wheels into a 3-wheel 2-spring arrangement. This allows me to more than quadruple the amount of stored spring energy while giving me more control over torque. Using this arrangement I am able to more precisely tune the changing patterns and the resultant runtime exceeded my expectations. This is my first "2 day" sculpture!

Why Kindala?

Kindala is a manufactured word I created by combining Mandala and kinetic. I thought this series needed a distinctive moniker. Every design is a circular design like a mandala and they all move but each has visual distinctions in the wheel design.



Limited Edition of 24
 Size: 42"h x 49"w x 6"d
 Power Source: negator spring
 Approximate Run Time: 48+ hours
 Materials: hardwood plywood, bearings,
 Kindala-Forest ©2017

Directions:

To Mount on Wall:

- DO NOT remove the tape holding the spring-belts in place.
- The mounting template comes in two pieces. Hold the larger piece in the desired location against a wall. The diagram on the previous page shows the relationship of the template to the sculpture to guide you in positioning the sculpture on the wall. Minimum clearance distances are noted. There is also a line for visual center. Visual center is a personal choice but this helps you with placement.
- Attach the bottom template to the wall with 1 screw
- Level the bottom edge of the template. Insert a second screw to mark the location and hold the lower template in place.
- Position the smaller top piece of the template along the top edge aligning marker lines.
- Insert a screw a couple of turns into each hole to mark their positions on the wall.
- Remove screws, remove template and save the template.
- Drill pilot holes in the wall using a 1/8" bit. If the wall is sheet rock or plaster use plastic anchors.
- Screw both the upper part and lower part into place.
- Remove all blue tape holding springs in place.
- Thread the included extra spring belt from left to right through the center of the upper part of the sculpture. It should be positioned to rest inside the pulley slot.
- Bring this spring belt down and around the center pulley of the lower portion and hook the two ends of the spring belt together.

