

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 100 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

Focus • Directions

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

Hello,

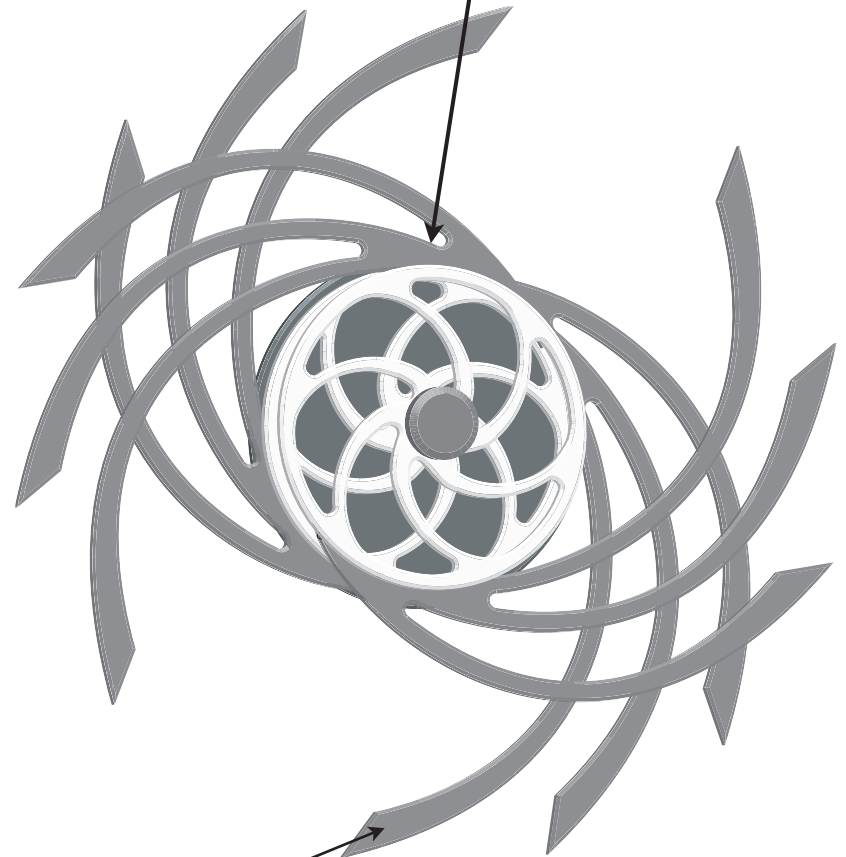
Welcome to the world of Wood That Works. This Focus is number _____ out of a possible 150 pieces. It was made by me during the month of _____ in 2009. I build, test and pack each sculpture myself, doing 6-12 pieces of an edition per month. It takes several years for me to complete an edition and some are never finished as I move on to new designs. Designing and building kinetic sculptures like Focus has been my full time occupation for more than 25 years. I hope Focus brings you and other viewers as much enjoyment as I've found in making it.

Focus has been mounted on a wall in my shop and running 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

To wind the sculpture insert you pointer finger here and turn the front wheel 21 turns clockwise.



Lightly hold the back wheel here with your other hand while winding.

Directions:

To Wind

- Hold the back wheel lightly in one hand. Insert your pointer finger between the dark spokes of the front wheel. Gently and slowly turn it 21 turns clockwise. Release the back wheel when you stop winding the front wheel.

CAUTION: It is very easy to over wind this sculpture and break the spring. Make sure you turn the front wheel slowly and stop its motion before you reach the tape at the end of the spring.

To Start

- If Focus doesn't start moving on its own when you finish winding turn the front wheel clockwise.

About Focus:

Focus uses a mechanism similar to the one I used in Tapestry but a bit more refined to make it quieter and longer running.

You wind Focus by holding the back wheel in one hand and turning the front wheel about 20 turns in the clockwise direction. Release the back wheel and the motion starts with the wheels rotating in the opposite directions. This continues until one or both wheels lose momentum and start rocking back and forth. This eventually triggers the mechanism and the wheels start

Specifications:

Size: 35”h x 35”w x 7”d

Power Source: negator spring

Approximate Run Time: 3 hours

Materials: hardwood plywood,
bearings, string

Focus ©2004

Patent No. 4637152

Directions:

To Mount on Wall:

- Focus does not need a template for wall mounting. The orientation of the circular base is not important. Clearance of 18 inches is needed from the center of the sculpture out in all directions.
- Hold the sculpture in the desired location against the wall.
- Place a sharp instrument through the screw holes, marking their positions on the wall.
- Drill pilot holes. If the wall is sheetrock or plaster use plastic anchors.
- Screw the sculpture to the wall.

