

Ring-Roto

Klaus Valett

How is the semi-rigid body driven?



Watch the semi-rigid body moving on the big ring.

When the ring moves, it initially pulls the body along with it. Due to the inertia, the body is rotated.

The strips on the inside press against the rod of the ring at an angle. This causes the body to always rotate along the rod, similar to a screw-nut without a thread.

This semi-rigid body called Toroflux was invented by artist Jochen Valett (father of Klaus Valett), inspired by the stair-stepping Slinky spirals.

The Toroflux consists of a single strip of spring steel that is wound in a similar way to a spiral, with each turn passing through the spiral once. The ends are then welded together.