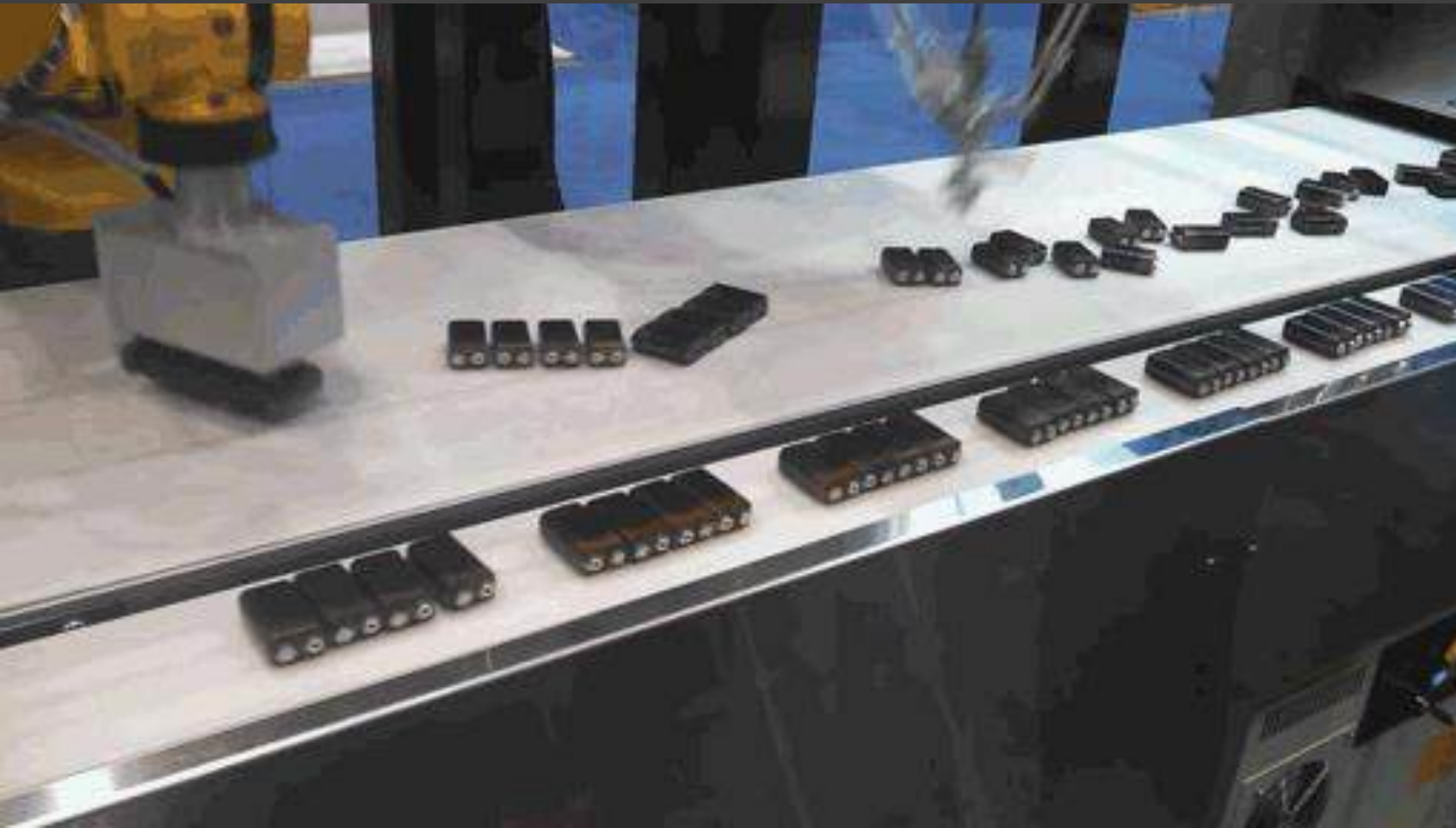


Belt and Pulley



This belt that is connected to a pulley is being used to move the batteries.

Bevel Gear

The engine of a helicopter uses bevel gears to drill.

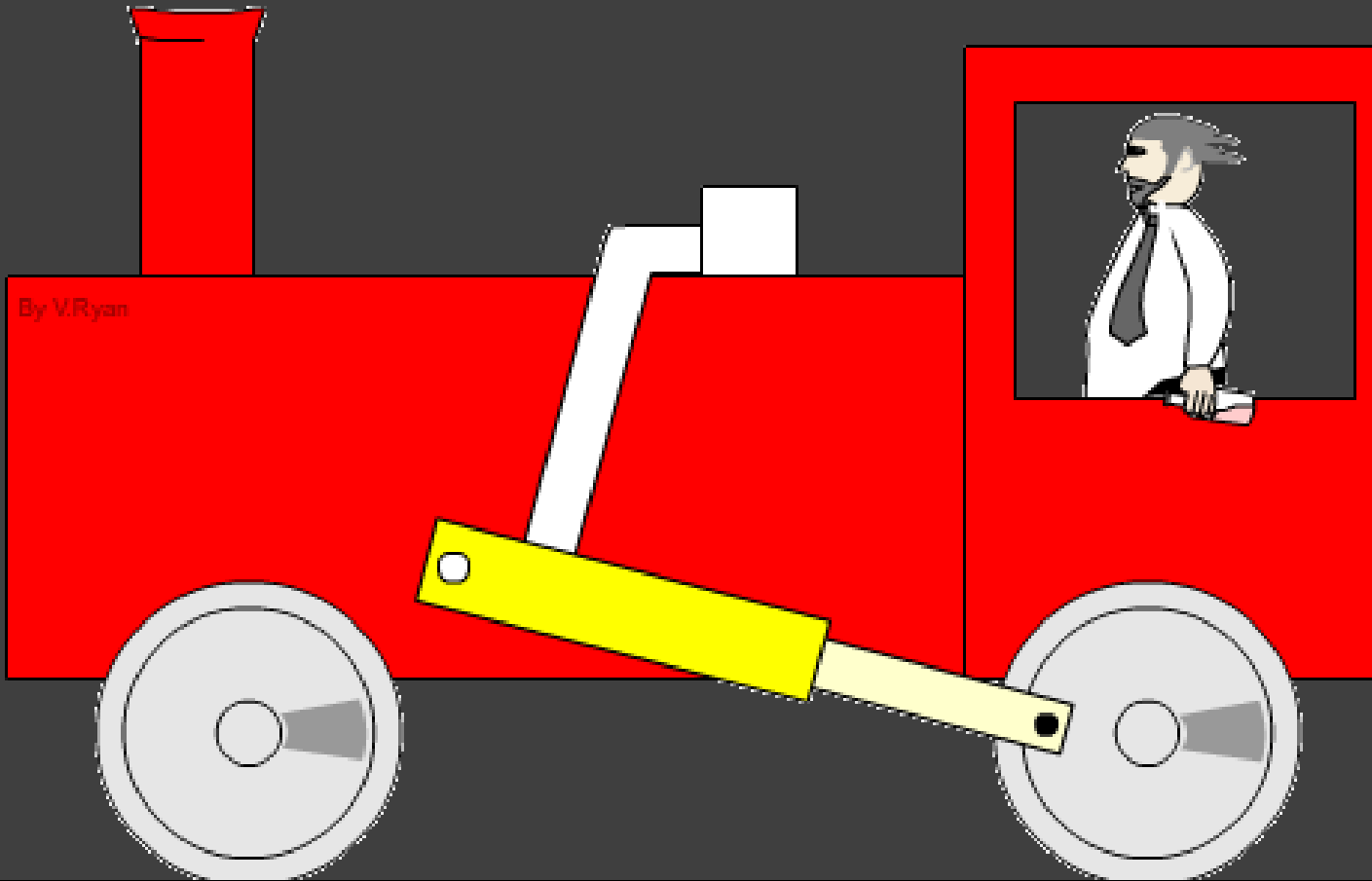


Cam and Follower



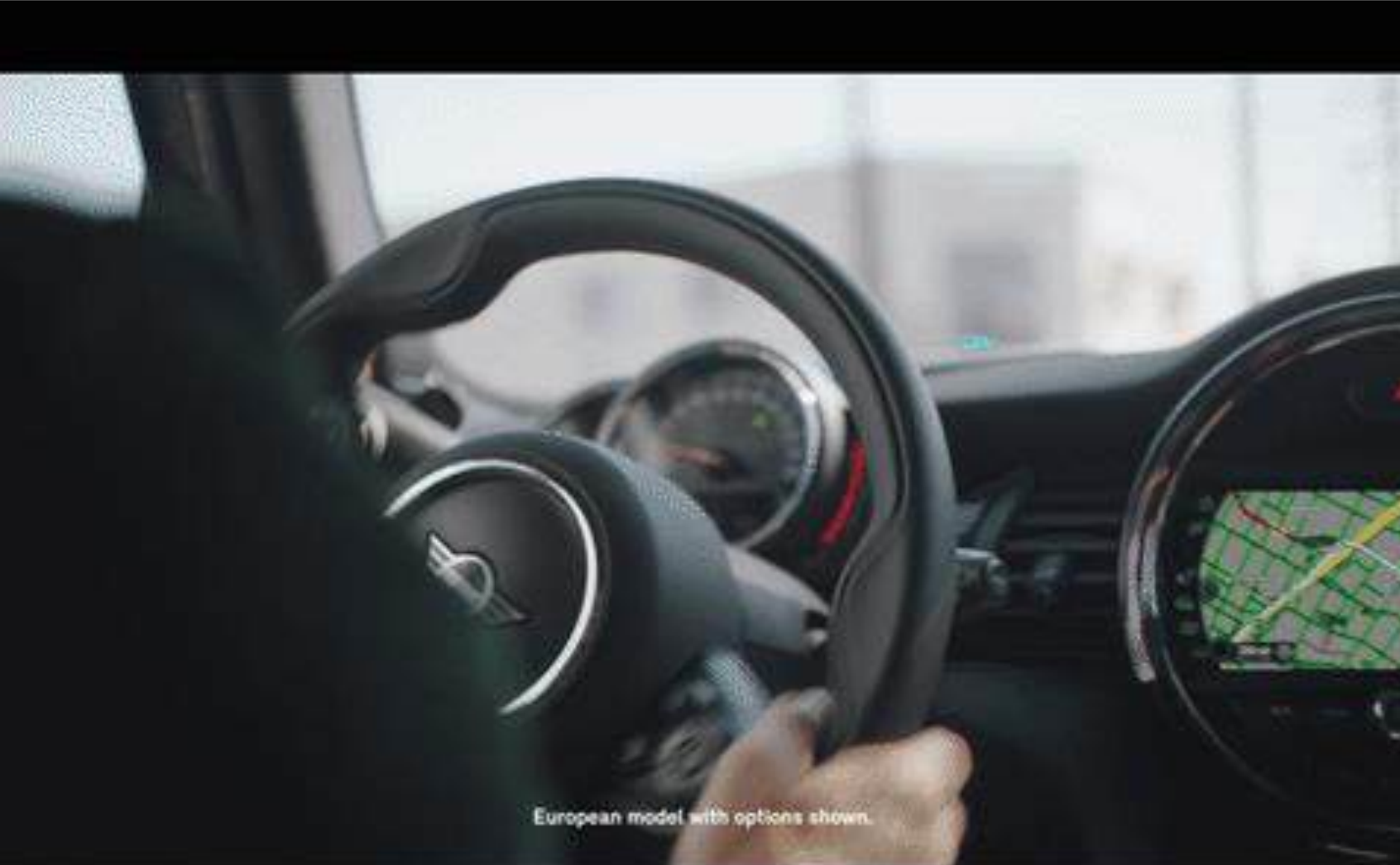
This off-centered pivot pointed disk is used to change rotating motion into a reciprocating motion.

Crank and Slider



The train is using the crank and slider mechanism to move its wheels.

Crown and pinion



The pinion interlocks along the rack at 90 degrees, and connects with the steering column.

Drive gear, Idler gear, and
Driven gear



This train gear is transmitting power and motion to the rest of the system, and uses the drive gear (left), idler gear (middle), and driven gear (right).



Energy

This woman has the ability to work. She is working out by going up the stairs repeatedly.

Force



This train is using force to crash into the mountain.

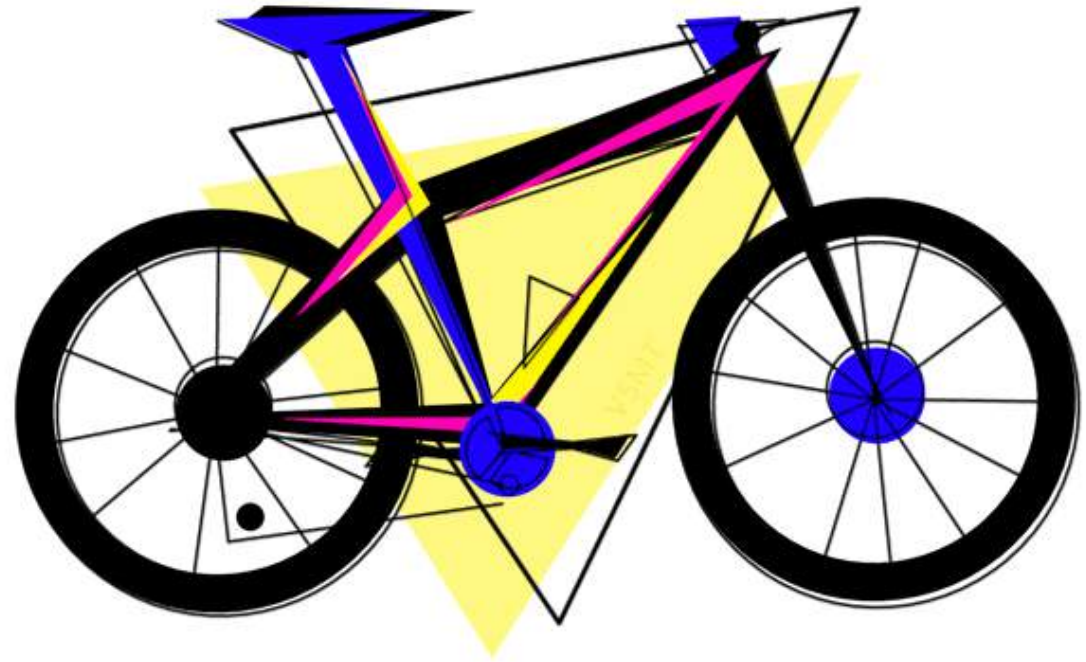
Gear



This clock is using gears to move its arms.

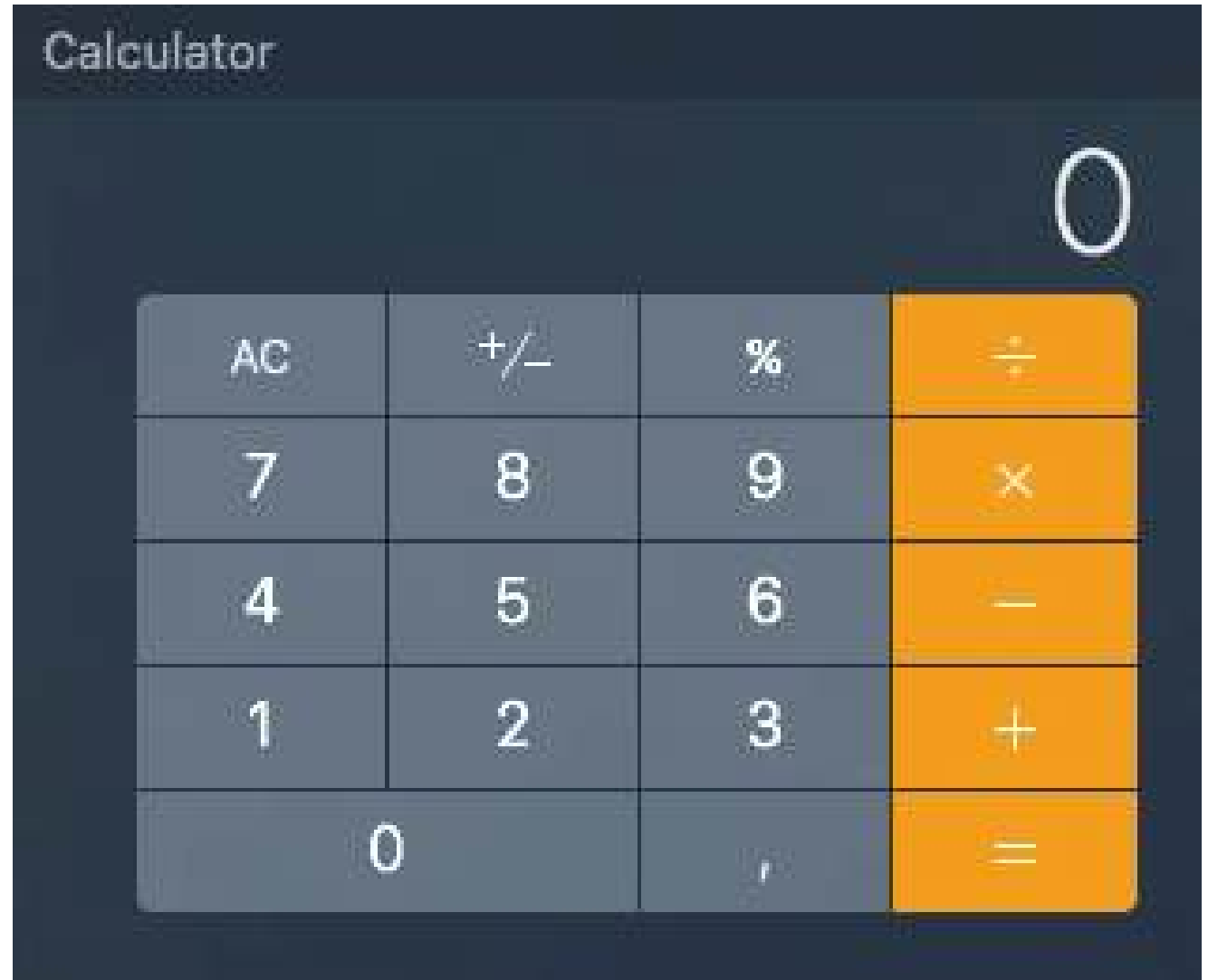
Gear ratio

- This bike wheels are using a gear ratio mechanic. When a pedal is revolved, the chain would pull back the gear wheels at the back of the bike.



Input

- This calculator is putting numbers into a system, and as a result, would get the answer or solution to a problem.

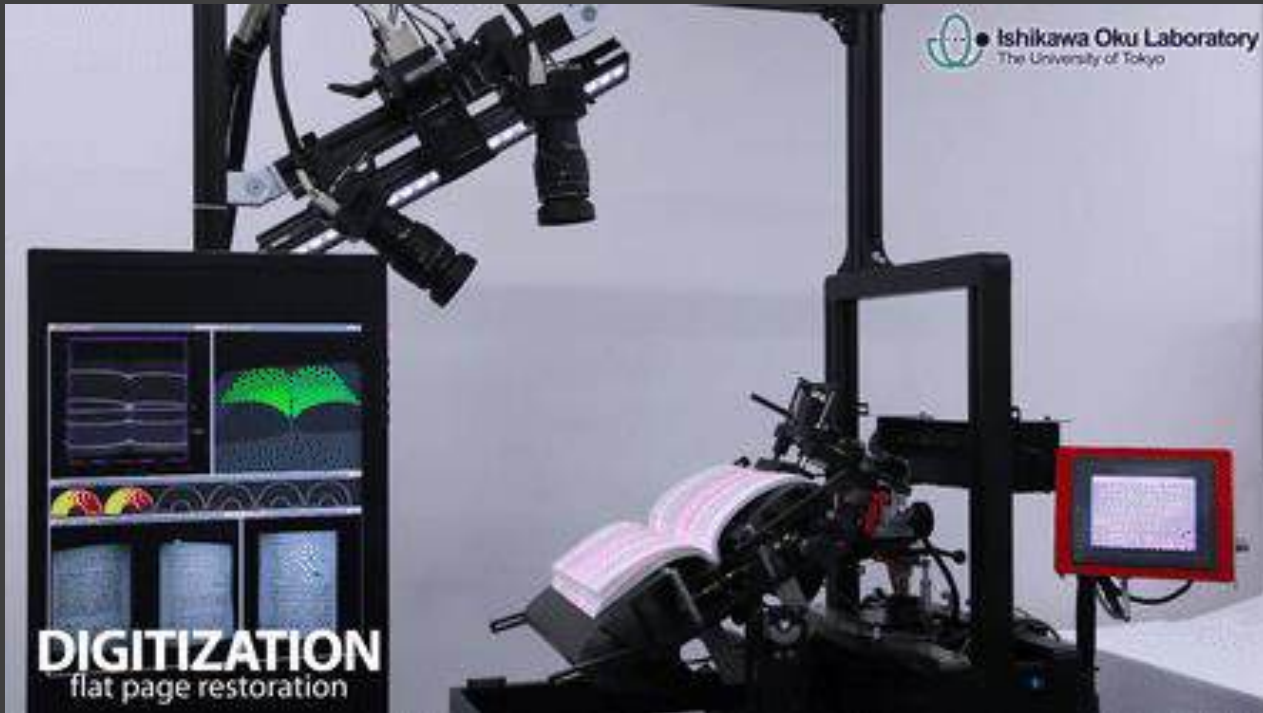


Inverse



The
hourglass
is being
inversed.

Lead Screw



This machine is using a lead screw to operate a scanning process.

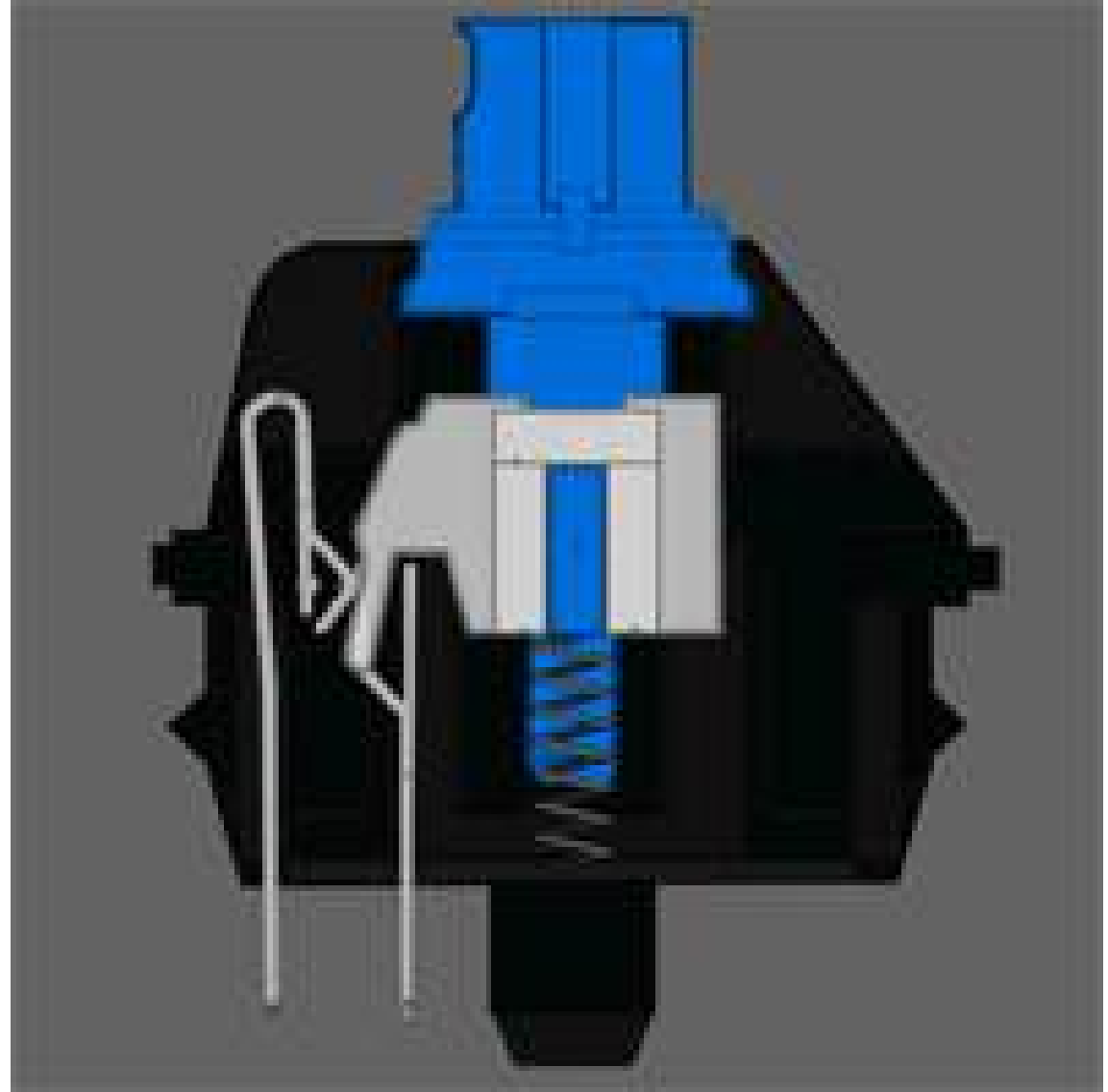
Linear Motion



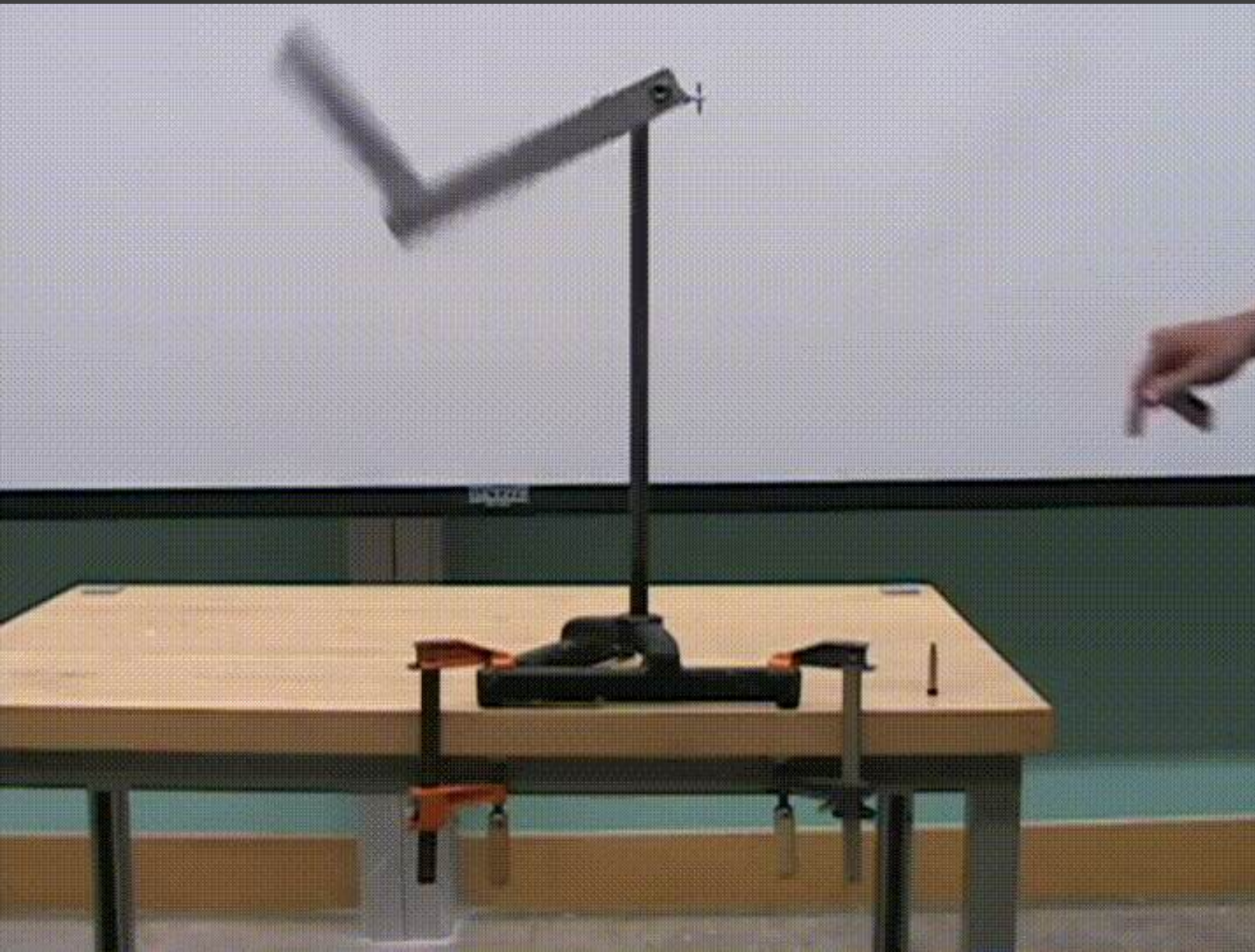
This hamster is moving in a straight line.

Mechanism

- This mechanical keyboard key is using mechanism to function.



Oscillate



This double pendulum is swinging in an oscillate motion.

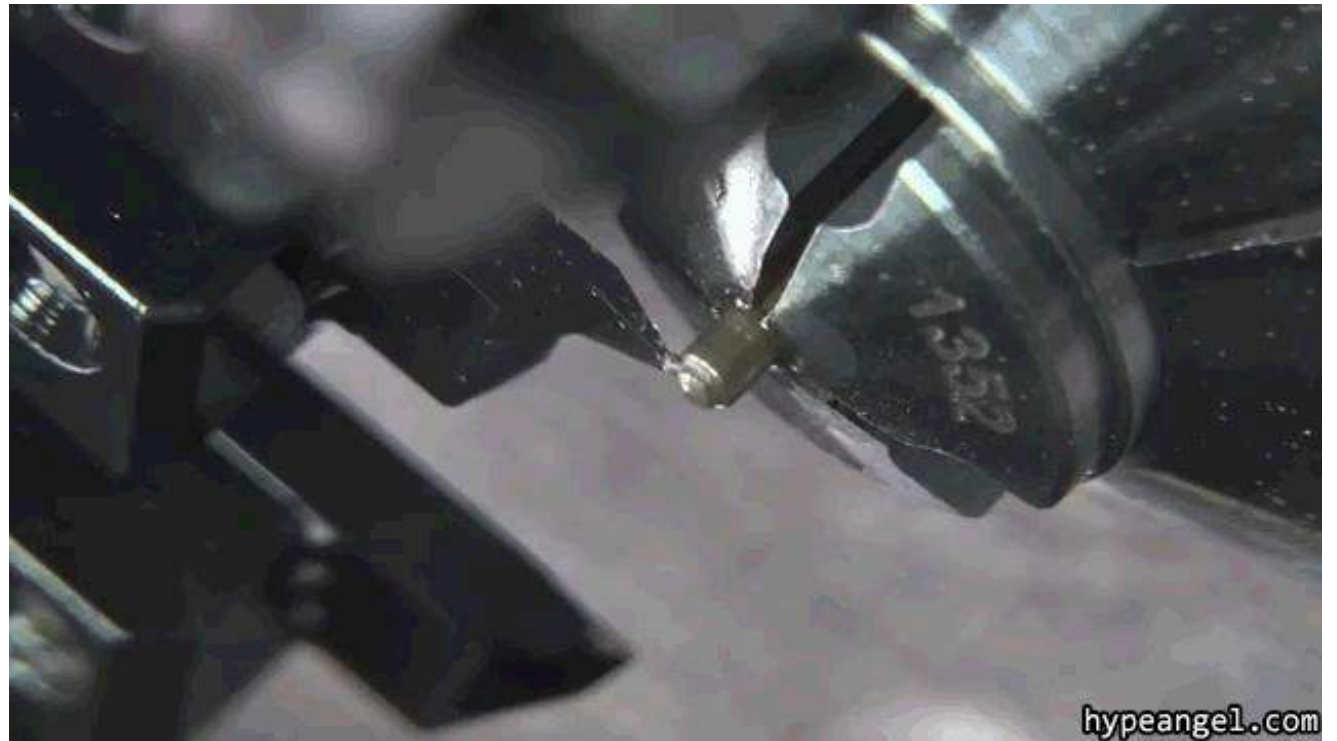
Output

- This calculator receives an output after being put in an input.



Pitch

- The difference in distance between each thread in a screw is the pitch.



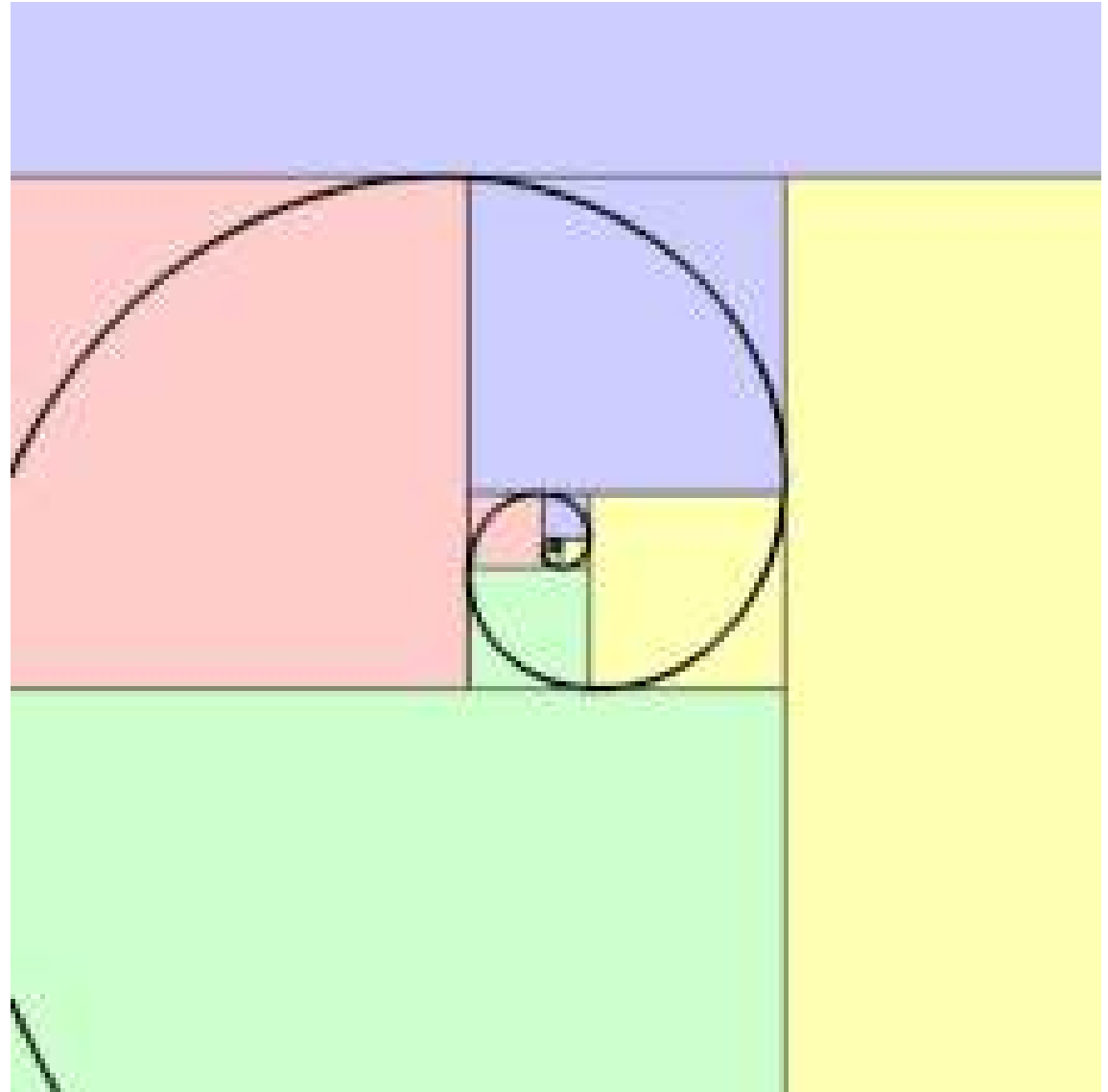
Rack and pinion

- The car steering is using the mechanic of rack and pinion to move and turn.



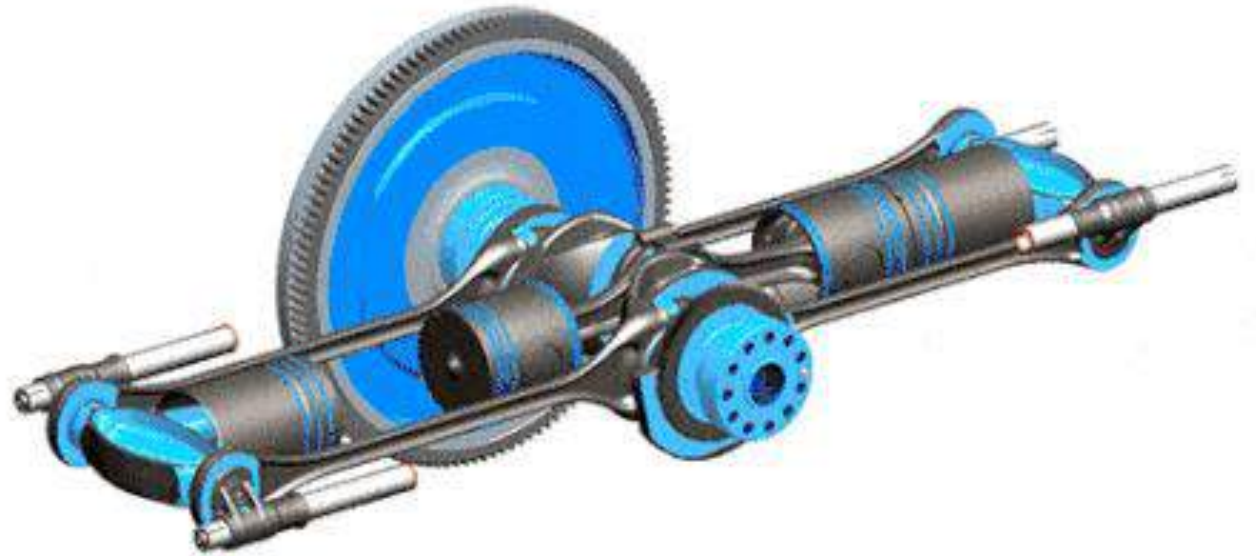
Ratio

- This is the golden ratio



Reciprocating

- This piston is doing a back and forth motion.

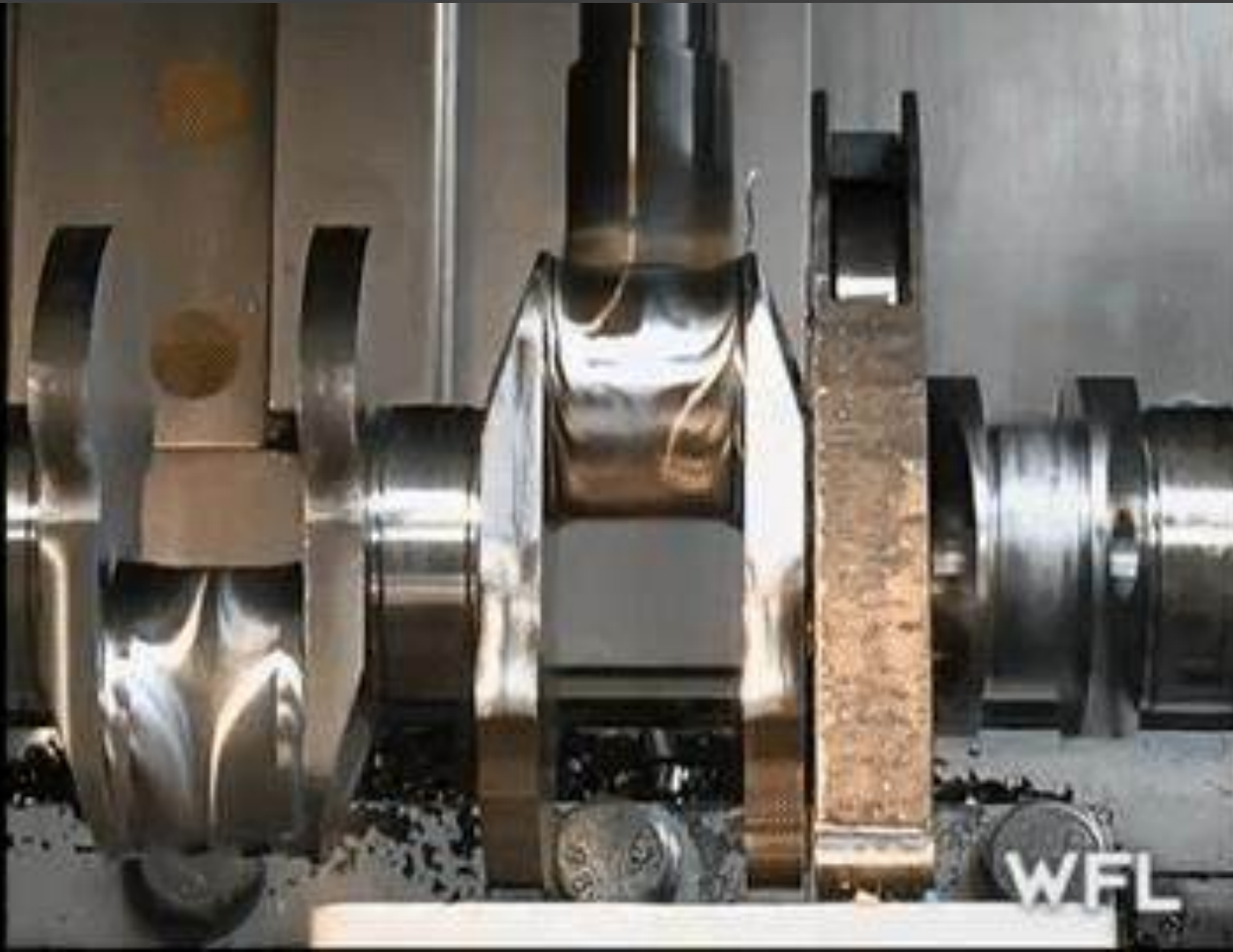


Rotary Motion

- This Ferris Wheel is moving in a rotary motion.



Simple Gear Train



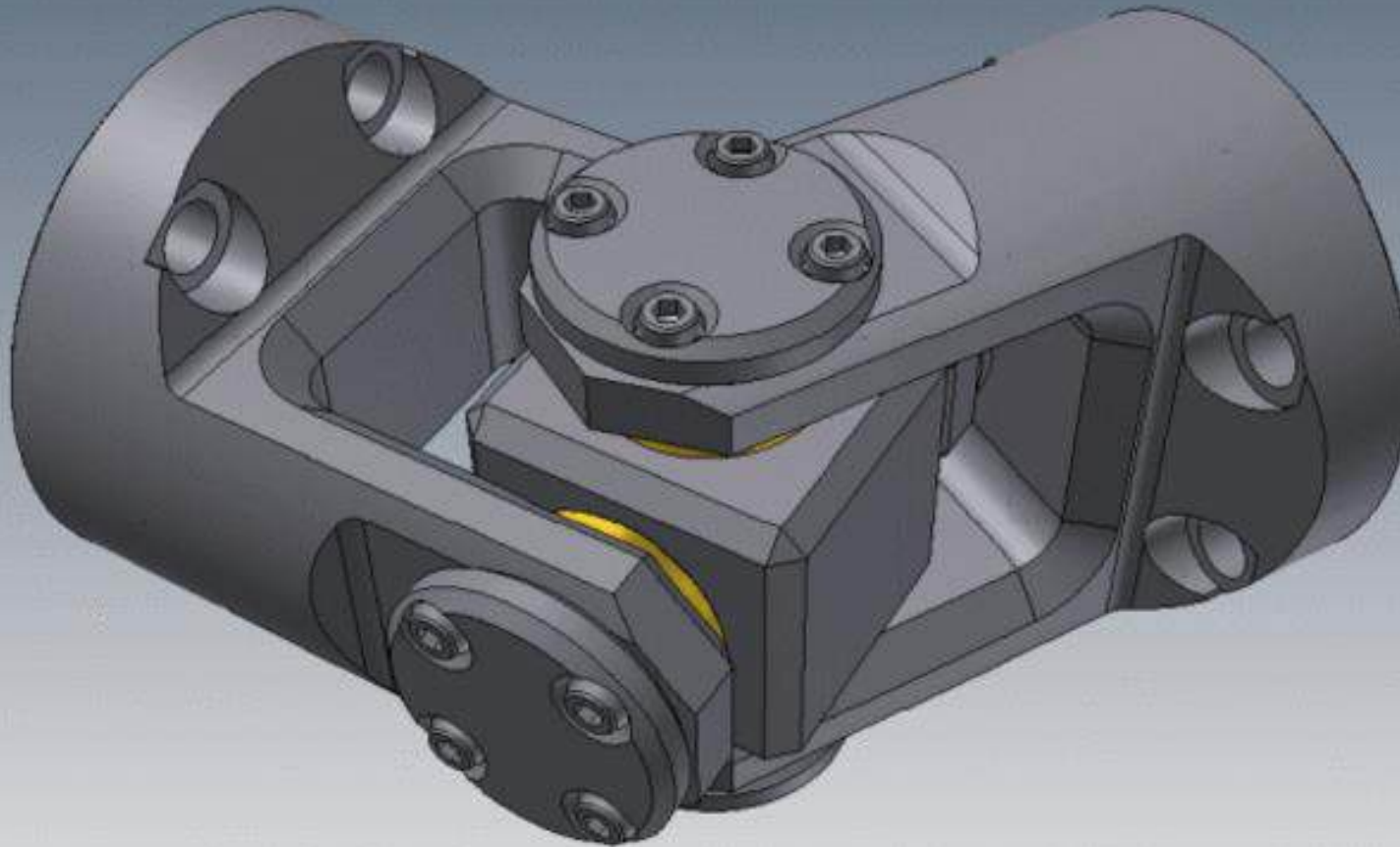
This lathe machine is using a simple gear train to move.

Torque

- The water bottle is being twisted.



Universal Joint



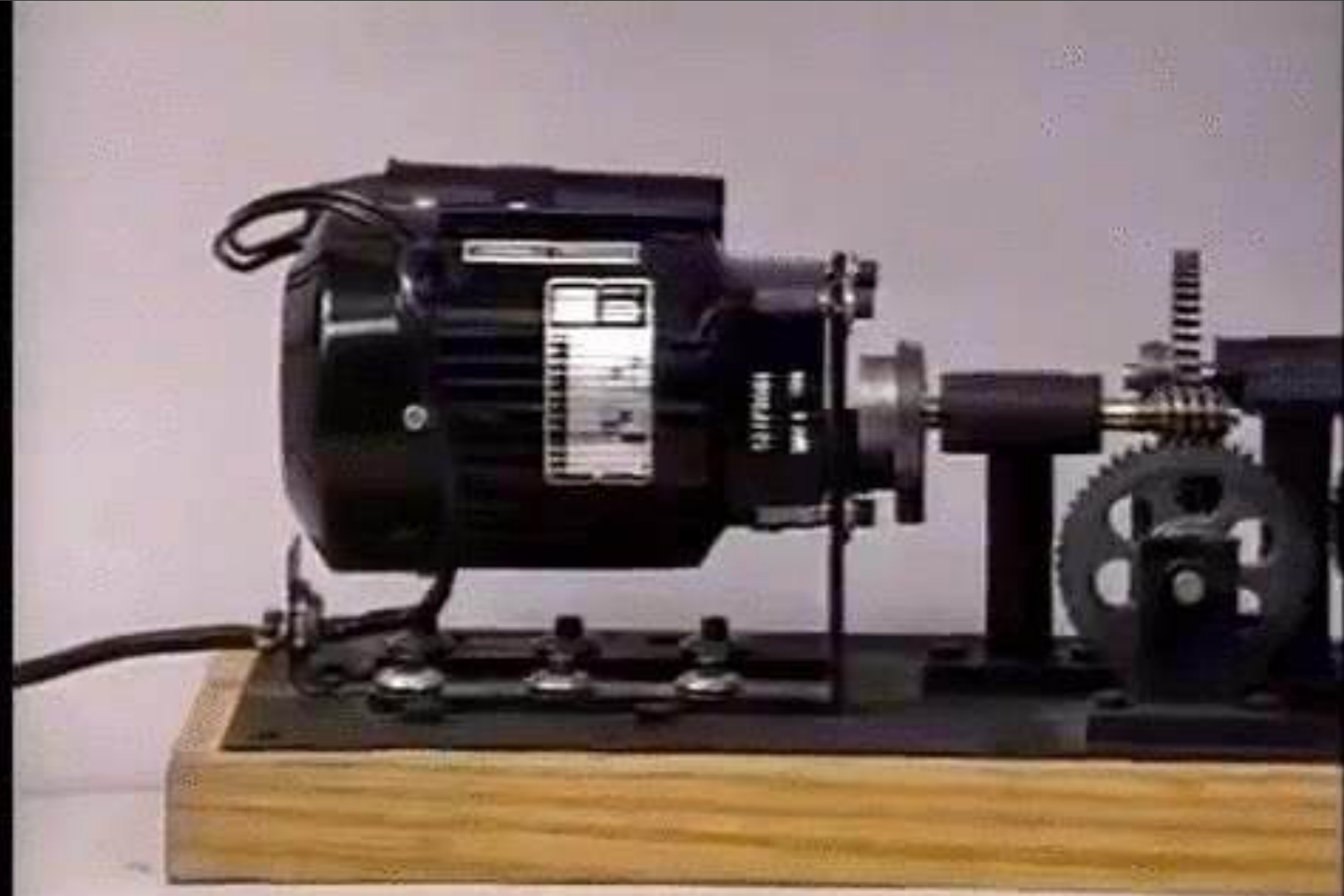
This drive shaft is using a universal joint to function.

Work



The crab is moving the pencil at a certain distance using force.

Worm and Wheel



This machine is using the worm and wheel device.