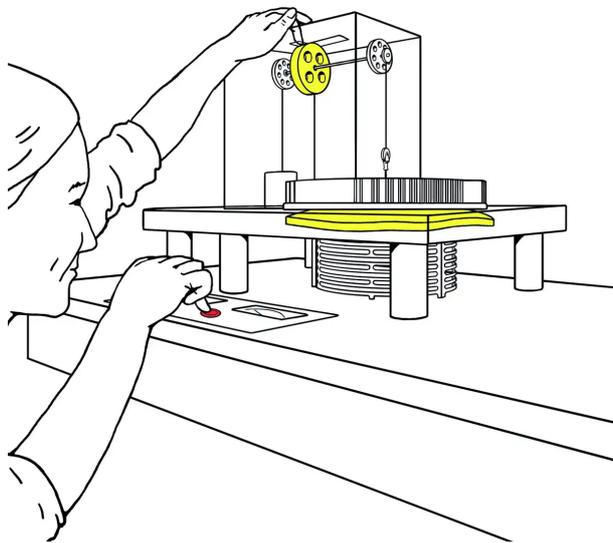


Stirling Engine

Can air drive an engine?



Start the heating and wait until the right thermometer displays more than 50°C.

Gently set the wheel spinning - what happens?

Look into the cylinder under the cooling fins.

A light bulb heats the bottom of the motor. When you push the wheel, the engine starts, if the difference in temperature between bottom and top is strong enough.

The displacing piston pushes the air back and forth - from the warm bottom to the cool upper side. The warmed and cooled air expands and contracts alternately and thus pushes the working piston up and down.

The Stirling engine is a heat engine - it turns heat energy into motion energy. Stirling engines are quiet and can run with any heat source, including waste industrial heat, solar heat or geothermal heat. In this way, emissions can be greatly reduced.