

Hendershot Fuel Less Generator

List Of Tools And Parts



For building the Hendershot Generator you will need the following parts:

- one 100cm/60cm wood board (3ft/2ft)
- one piece of copper enameled wire, 50 meters long, 0.95 mm in diameter
- two pieces of copper PVC insulated copper wire, 18 meters long, 1.5 mm in diameter (different colour insulation)
- 150 skew sticks, 3mm in diameter
- 2 unpolarized capacitors, 500 micro Farads each
- 4 unpolarized capacitors, 1000 micro Farads each
- 2 transformers 1:5 ratio for 110-220 Volts
- one piece of copper PVC insulated copper wire, 10 meters long, 1 mm in diameter
- one surface applicable 110-220 volts socket
- one cardboard (can be plexi-glass, wood etc as long as it's not metallic) 10cm/10cm
- two furniture-drawer rails (the version with bearings, not the ones on wheels)
- two cylindrical iron bars, 2cm in diameter, 8cm long
- one rectangular iron bar, 10 cm long/0.5cm/2cm
- one magnet bar (rectangular or cylindrical), 10 cm long, 1.5 cm in diameter

For building the Hendershot Generator you will need the following tools:

- ruler (30 cm long)
- pencil
- permanent marker
- pair of pliers
- screwdriver - flat and cross
- hand drill
- 3mm drill bit
- PVC duct tape
- epoxy glue
- 10 2cm wood screws
- double-sided adhesive duct tape
- 12 2cm screws for the capacitors (only if you have screw mounts on the contacts)
- soldering gun
- soldering tin
- soldering paste
- cricket wrench (only if needed on screwing the capacitor contacts)
- box-cutter knife