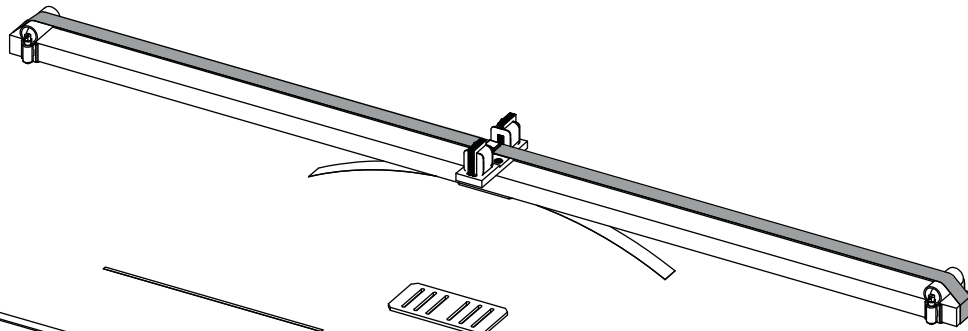


# Windcell Maker Kit

## Super Basic Assembly Guide



Wood spine (L:1m ; w:45mm)

Membrane

Membrane clasp

**2x**

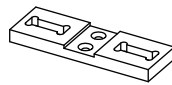


Plastic pipe (Dia: 20mm)

**2x**



Pipe Clamp



Stator holder

**2x**



Wood screws

**2x**



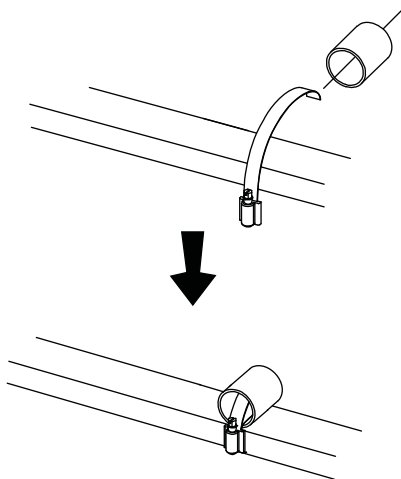
Stators

**2x**



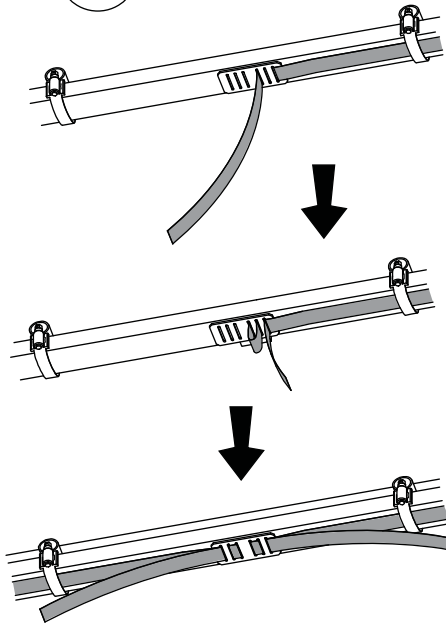
Magnets

**1**



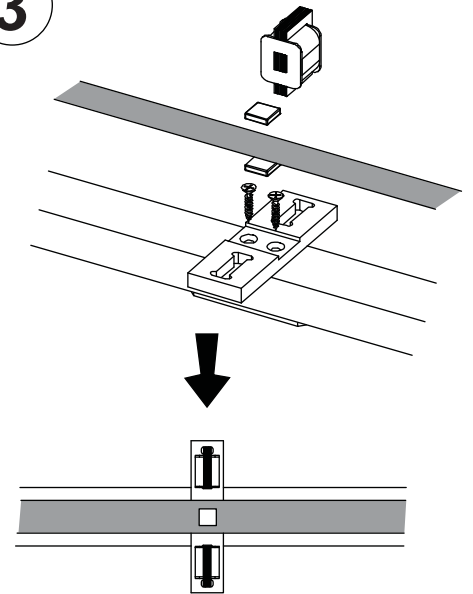
Install the pipe on both sides 30cm from each end of wood spine. Keep loose until Step 4.

**2**



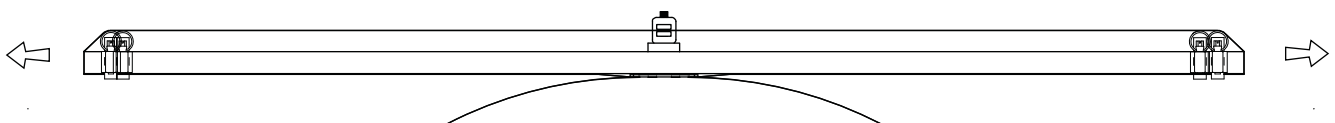
Load the membrane through pipe clamp and tension it. You may need to partially tension before placing on the wood spine.

**3**



Fix the stator and magnets at the center as shown. Use hot glue to fix the stators into the stator holder.

**4**



Finally, adjust the pipe position to optimize the output, and then tighten pipe clamps. You can also apply additional tension by placing blocks of wood between the wood spine and the membrane clasp. Note: The membrane should torsionally vibrate at around 20-50 Hz.

\*The wires on the Stator can be directly connected to LEDs or rectified with a Shottky rectifier for charging batteries, playing radios, or powering higher-power LEDs.