

ZippCut Foam Cutting Bow

Start by laminating both frames together.

Be sure to align them exactly.

When cured, assemble the wire harness with screws, washer and nuts as shown.

The wire goes under the head of the screw, then thru the frame, then the washer and nut.

Install the screws from opposite sides, so the frame doesn't distort when the cutting wire is installed.

Route the wires and use supplied zip ties to hold in place.

Stick one side of the Velcro to the frame.

Attach the wire by putting one end of the frame on the bench and pushing down to compress the frame until you can slip the wire onto the screws.

Attach any 2S lipo battery and start cutting!

Remove the cutting wire if you will not be using the bow right away.

Tips:

Go slowly. Only press the wire onto the templates with enough force to stay in contact.

Try not to push too hard, or you will move the templates, and this can ruin a boat.

To prevent this, remember to always squeeze the templates hard as you cut. If you squeeze them against the foam, the possibility of the templates moving is far less.

Please don't use more than 8 volts DC to power your bow. If you try to use a 3S battery, the wire will be instantly destroyed.

The wire should never glow while in use. Note that NiChrome wire loses its tension when hot. It will tighten back up as soon as it cools off.

