

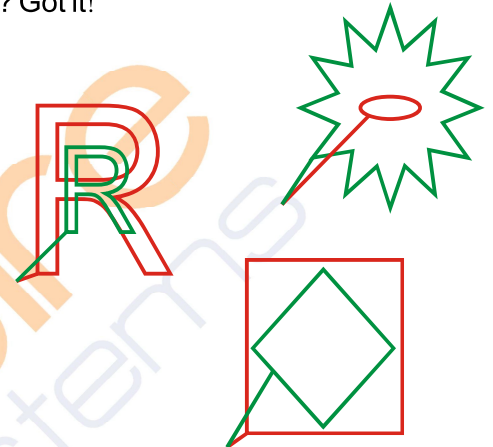
Interested? Contact Us!

ACCESSORIES: INDEPENDENT AXIS CONTROL

Our **Independent Axis Control with the unique Unlimited Wire Length Change** is a very unique feature making your cutter even more versatile. Now apart from regular 2D cuts, rotary cuts and serial cuts, your foam cutter can also cut tapered shapes or any other shape with two different path lines at the two ends of the cutting wire. You want the left trolley to cut a circle and the right one to cut a square at the same time? Got it!

Basic features:

- * available in all one-wire models
- * **tensometer-controlled unlimited wire length change feature (unique on the market)**
- * USB support
- * new-type ARM processor module-based electronic controllers
- * **advanced software-based wire tension regulation**
- * simple two-color drawings support
- * **material width and position calculations**
- * redesigned trolleys
- * safe and convenient wiring tracks
- * will cut all kinds of tapered shapes



sample two-color drawings

How does it work?

The resistant cutting wire is stretched between two trolleys. On one end it's fixed to a tensometer constantly measuring and monitoring the wire tension and sending current info to the electronic controller. On the other end, the wire is spooled on a large roll fixed to a motor. The required wire tension is set in the software and then during a cut, as the trolleys move independently the tensometer constantly checks the tension, sends the signals to the controller which spools or unspools the wire on the other end to maintain the required tension regardless of trolleys' position. This is a far superior solution over what's offered by our competitors. The first and most important difference is that the trolleys' offset is unlimited, meaning that e.g. the front trolley can stay in the lower left position while the back trolley travels all the way to the upper right corner. Complex as the constant spooling/unspooling may sound, it's all taken care of by our software and the electronic controller; all the operator has to do is to install the wire (and this has always been easy) and set the required tension in the software.

