

## *Laser Solutions for the 21st Century*

**Size** -cutting area 50" x 50" or 50" x 60"  
(Custom sizes available)

**Dimensions** -7' x 15' or 8' x 15'

**Laser Type** - CO<sub>2</sub>

**Laser Power** -Up to 300 watt  
(Customer Specified)

**Lens**- 5 in. FL

**Lens Focus** - Linear Slide, measure position  
to .001"

**Motors** - X axis - 1 Servo

Y axis - 2 Servo's

**Tables** - < 6 second shuttle time, 2 Servo's

**Mechanical Speed** - up to 40 ips

**Acceleration** - up to 1.2g

**Repeatability** - < .0015"

**Accuracy** - +/- .004"

**Patents** - Laser power control, Computer  
controlled cover gas

**Software** - Most CAD and Graphic  
packages

**Cutting Format** - HPGL

**Laser Control**- Laser Assist software.  
220 laser power settings, Laser On speed,  
Laser Off speed, Acceleration. 16 group  
setting per drawing

**User Interface** - Joy stick w/ Laser Pulse  
button, E-Stop, Individual Laser and Electrical  
power On/Off, Table In/On, Start/Origin/  
Repeat/Cancel buttons

### **EdgeWISE Tools, Inc.**

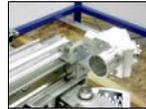
365 Ericksen Ave NE STE 321  
Bainbridge Is., WA 98110

Phone: 206-855-4102  
Toll Free: 800-275-8269  
Fax: 206-855-4116  
Email: info@edgewisetools.com



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# Shuttle Feed Laser



EdgeWISE Tools philosophy is to research and design its products based on the ongoing feedback received from business owners and production managers.

All systems are manufactured with than 2" welded box steel, which can be filled with sand if greater rigidity is required.

The motors are large industrial servo's with 1000 count encoders. Dual motors are used on the Y-axis for greater reliability and torque.

The optical surface area of an EWT system is typically 5 times greater than that of other systems, resulting in capturing more laser power for production use.

**Independent shuttle tables deliver  
quicker cycle times and increased production.**

Our industrial shuttle tables are electronically controlled using servo motors to eliminate problematic miss-registration. Unlike most platform or table systems, the SFL's independent table design reduces vibration and movement while production is completed on the non-cutting table.

**Power / Speed / Production = Fast ROI**

**CALL TODAY**