

# LE Series Laser

## ENGRAVING / CUTTING SYSTEM

### Specifications:

MODEL NUMBER	<b>4800</b>	<b>6000</b>	<b>9600</b>	<b>14400</b>
X ENGRAVING RANGE	<b>48"</b>	<b>60"</b>	<b>96"</b>	<b>144"</b>
Y ENGRAVING RANGE	<b>48"</b>			
ENGRAVING SPEED	<b>3 Sq. In. / MINUTE (NON-OPTIMIZED*)</b>			
RESOLUTION	<b>SELECTABLE- 150, 200, 300 DPI</b>			
DOT SIZE	<b>ADJUSTABLE TO .003" Min.</b>			
LASER CLASS	<b>CLASS IV</b>			
WAVE LENGTH	<b>10.6 <math>\mu</math>m</b>			
POWER REQUIREMENTS	<b>112 / 124 VAC 48 / 62 HZ 13 AMP or 218 / 242 VAC 48 / 62 HZ 6.5 AMP</b>			
COOLING	<b>AIR</b>			
CUTTING GAS USAGE	<b>UP TO 2 cfm</b>			
OPERATIONAL TEMP.	<b>10 Deg. c to 35 deg. c</b>			
RELATIVE HUMIDITY	<b>5% to 95% NON CONDENSING</b>			
WEIGHT				
HEIGHT	<b>VARIES</b>			
WIDTH	<b>96"</b>			
LENGTH	<b>72"</b>	<b>84"</b>	<b>120"</b>	<b>168"</b>
MICROPROCESSOR	<b>INTEL RISC 80960i</b>			
INPUT FORMAT	<b>TIFF, JPEG, BMP, PSD, EPS, AND OTHERS</b>			
INTERFACE	<b>RS-232 SERIAL PORT</b>			
RAM	<b>2MB ( EXPANDABLE TO 8 MB)</b>			

\* Cut speed optimization: Allen's exclusive cut speed optimization process speeds engraving by eliminating wasted scanning in areas not requiring laser pulses. Most images are completed in 25% of the time required by non-optimized engravers.