



Empire's compact laser cutter has fast rise time, high peak power pulse (3x above the average power) and excellent beam quality for high quality, clean cutting. This pulsed, sealed laser has capabilities for cutting aluminum, wood, adhesives, and more. It is efficient and has low operating costs. The high peak power, square pulse, and excellent mode means that it quickly vaporizes material and produces a clean narrow cut. Think outside the box with laser cutting!



## AT A GLANCE

### MAX SHEET SIZE:

- 48" x 48"

### MAX MATERIAL THICKNESS:

- 12"

### MATERIALS:

- Sheet metal
- Stainless steel
- Aluminum
- Plastics
- Wood
- 3M™ VHB™ tapes & foams
- 3M™ VHB™ adhesives

### OTHER:

- Multi-process capability
- LaserLink job management / BeamHMI control software
- Industry's best power controller for precision cutting
- High speed flying optic design
- Capacitive height sensor with auto focus, crash protection, and nozzle centering
- High peak power, low maintenance, sealed CO<sub>2</sub> laser with fast rise time and excellent beam quality

