

# FabLight 1500/3000/4500

## Technical Specifications

Metal tube & sheet laser cutting with a single machine. Starting at \$59,900.

To place an order or get more information, call (415) 870-3335 or go to [www.3dfabligh.com](http://www.3dfabligh.com).

### Capabilities

Materials	Steel, stainless steel, spring steel, aluminum, copper, brass, titanium
Sheets	Up to 25"x50" – fits 1/4 standard metric sheet
Tubes	Round and square, 0.5" to 2" – rectangle planned
Thickness	Up to 0.080" using only clean, dry compressed air, thicker with the 3000/4500W laser option, or with oxygen
Axes	Four-axis machine (1.5" z-axis travel), plus separate focus axis (0.4" travel)
Engraving & Marking	Vector and raster (png, bmp, tiff) engraving
Motion	Moves up to 50"/second, cut up to 2"/second Repeatability of 0.0005", accuracy of ±0.001"/foot
Exhaust	Simple HEPA vacuum cleaner exhaust, with no need for external venting

### Benefits

- Small footprint (74" L x 40" W x 56" H) for easy integration into shop environment
- Air-cooled, pulsed 1500W, 3000W, or 4500W fiber laser
- No installation required – neither electrical nor exhaust
- Runs off standard 110V, 20A outlet (easily converts to 220V for overseas use)
- Ergonomic drawer loading
- Easy CAD-to-part workflows
- Free lifetime software updates for early adopters

### Three Power Levels

Three Power Levels		cuts steel up to:
1,500W*	\$59,900	1/16" (2mm)
3,000W*	\$79,900	1/8" (3.5mm)
4,500W*	\$99,900	3/16" (5mm)

\* pulsed