

FabLight 1500/3000/4500

Technical Specifications



Fiber laser cutter for metal tube & sheet laser cutting in a single machine. Starting under \$60,000.

To place an order or get more information, call (415) 870-3335 or go to 3dfabligh.com.

Capabilities

Materials	Steel, stainless steel, spring steel, aluminum, copper, brass, titanium, and more
Sheets	Up to 25"x50" – fits 1/4 standard metric sheet
Tubes	Round and square, 0.5" to 2", up to 50" long (standard), 80" long (extended)
Thickness	Up to 0.080" steel 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 engraving
Motion	Moves up to 50"/second, cut up to 2"/second Repeatability of 0.0005", accuracy of ± 0.002 "/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 low rent and easy integration into any shop environment
- Air-cooled, pulsed 1500W, 3000W, or 4500W fiber laser
- No installation required!
- Runs off standard 110V, 20A outlet (easily converts to 220V for overseas use)
- Ergonomic drawer for sheet loading, simple chucks for tube loading
- Easy CAD-to-part workflows using included software

Three Power Levels

1,500W*	cuts steel up to: 1/16" (2mm)
3,000W*	1/8" (3.5mm)
4,500W*	3/16" (5mm)

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