



# TL 2430-FL

TUBE CUTTING SYSTEM

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Sheet Metalworking, Our Passion, Your Solution

# TL 2430-FL TUBE CUTTING

## AFFORDABLE TUBE LASER SYSTEM

The TL 2430-FL Tube Laser from LVD has features specifically designed for high production tube fabrication. Besides these standard features, the TL family of Tube Laser Cutting machines comes with a variety of options to enhance their capabilities for your specific needs.

### KEY FEATURES OF THE TL 2430-FL:

- Fiber laser source for excellent edge quality
- High productivity with fast motion
- Quick and easy set-up for different tube sizes
- Custom designed features available
  - 12' for 24' in-feed options
  - Easy service
- Maximum 3" dia. round, 2" square
- Made in the USA
- 11-pocket magazine loader
- Lantek programming software
- Fiber laser source with multiple power options
  - Built with standard components for easy service and maintenance
  - Bundle feed option available
  - Conveyor out-feed available

### Looking for high performance at low cost?

Call LVD at 800-828-1527, e-mail us at [marketing@strippit.com](mailto:marketing@strippit.com) or visit our website at [www.lvdgroup.com](http://www.lvdgroup.com).



DESCRIPTION	STANDARD SPECIFICATION
Tube Type	Round, rectangle, square, ob-round
Length	24'
Diameter/Diagonal	Round: 0.25" to 3" Rectangular: 2" x 2"
Accuracy	Small features: +/- .001" Length: +/- .004" or +/- .002" per foot (greater of the two)
Material	Carbon steel, stainless, aluminum, copper, brass
Rotary Speed	150 rpm
Linear Speed	5000 ipm retract speed
Focus Control	Non-contact
Feed Stages	Y-axis - 6" 1200 ipm Z-axis - 4" 1200 ipm
Laser	IPG fiber
Tube loader	Magazine style, multi-position
Tube length measurement	Leading edge detection
Finished Parts	CNC controlled supports, 10' length finished parts maximum
Twist comp	Automatic twist compensating system

Subject to change without prior notice.

DANGER

**INVISIBLE LASER RADIATION**  
Avoid eye or skin exposure to direct or scattered radiation  
**CLASS I LASER PRODUCT**

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**MAX OUTPUT:** 400 W  
**LASER MEDIUM:** Yb Fiber Laser  
**PULSE DURATION:** 10 μS - CW  
**WAVELENGTH:** 1075-1095 nm



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