



TL 2450-FL

TUBE CUTTING MACHINE

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Sheet Metalworking, Our Passion, Your Solution

TL 2450-FL TUBE CUTTING

AFFORDABLE TUBE LASER SYSTEM

The TL 2450-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 2450-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 5" dia. round, 3.5" square
- Made in the USA
- 7-pocket magazine loader
- Lantek programming software
- Fiber laser source with multiple power options
 - Build with standard components for easy service and maintenance
 - Bundle feed option available
 - Conveyor out-feed option available

Looking for high performance at low cost?

Call LVD at 800-828-1527, e-mail us at marketing@strippit.com or visit our website at www.lvdgroup.com.

DANGER

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

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



* Machine equipped with optional out-feed.

DESCRIPTION	STANDARD SPECIFICATION
Tube Type	Round, rectangle, square, ob-round
Length	24'
Diameter/Diagonal	Round: 0.25" to 5" Rectangular: 3.5" x 3.5"
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.



Strippit, Inc., 12975 Clarence Center Road, Akron, NY 14001
716-542-4511 · Toll-free: 800-828-1527 · Fax: 716-542-5957 · marketing@strippit.com

For full address details of your local subsidiary or agent, please visit our website: www.lvdgroup.com