

PRECISION TO PERFECTION

> 0,2 mm
Tube Ø



LLT.tube

High Precision Tube Processing





- Combined operation of **Fiber and Femtosecond Laser**
- Up to **4 axes** for **parallel cutting edges** and **off axis cutting**
- **Manual part feeding** or fully **automatic loading system**
- Highly **dynamic** and **precise** due to innovative **direct drives**

LLT.tube is a high precision laser system for processing cylindrical components. With the combination of fiber and femtosecond laser sensitive materials and highly complex geometries can be processed as gently as efficiently. The machine is designed for high precision laser production of medical products such as stents, hypotubes or cannulas.

Specification	LLT.tube
Applications	Cutting, Drilling, Ablating
Machine Frame	Granite
Process Area (X * Y * Z)	Up to 600 mm * 50 mm * 35 mm
Positioning Accuracy	Up to $\pm 3 \mu\text{m}$
Laser	Fiber Laser / Femtosecond Laser (combined)
Compact Footprint	Fully Integrated Control Cabinet On Request
Wet Cutting	Fully Integrated And Closed Water Circuit
Processable Parts	<p>Tubes, Tubular parts , 2D Parts, Wires</p> <p>Diameter: 0,3 mm to 19 mm Wall Thickness: up to 1,5 mm</p> <p>Metals, Polymers</p>



Customizing:

All systems can be modified according to customer-specific requirements.



Service:

We are there for you - In case of a malfunction via remote service or on site in the shortest possible time.



Training:

The variable training concept enables your employees to work productively with the machine within a very short time.



LLT Applikation GmbH | Am Vogelherd 51 | 98693 Ilmenau | Germany
+ 49 3677 46 33 0 | Info@LLT-Applikation.de | www.LLT-Applikation.de/en

