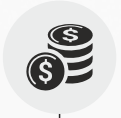


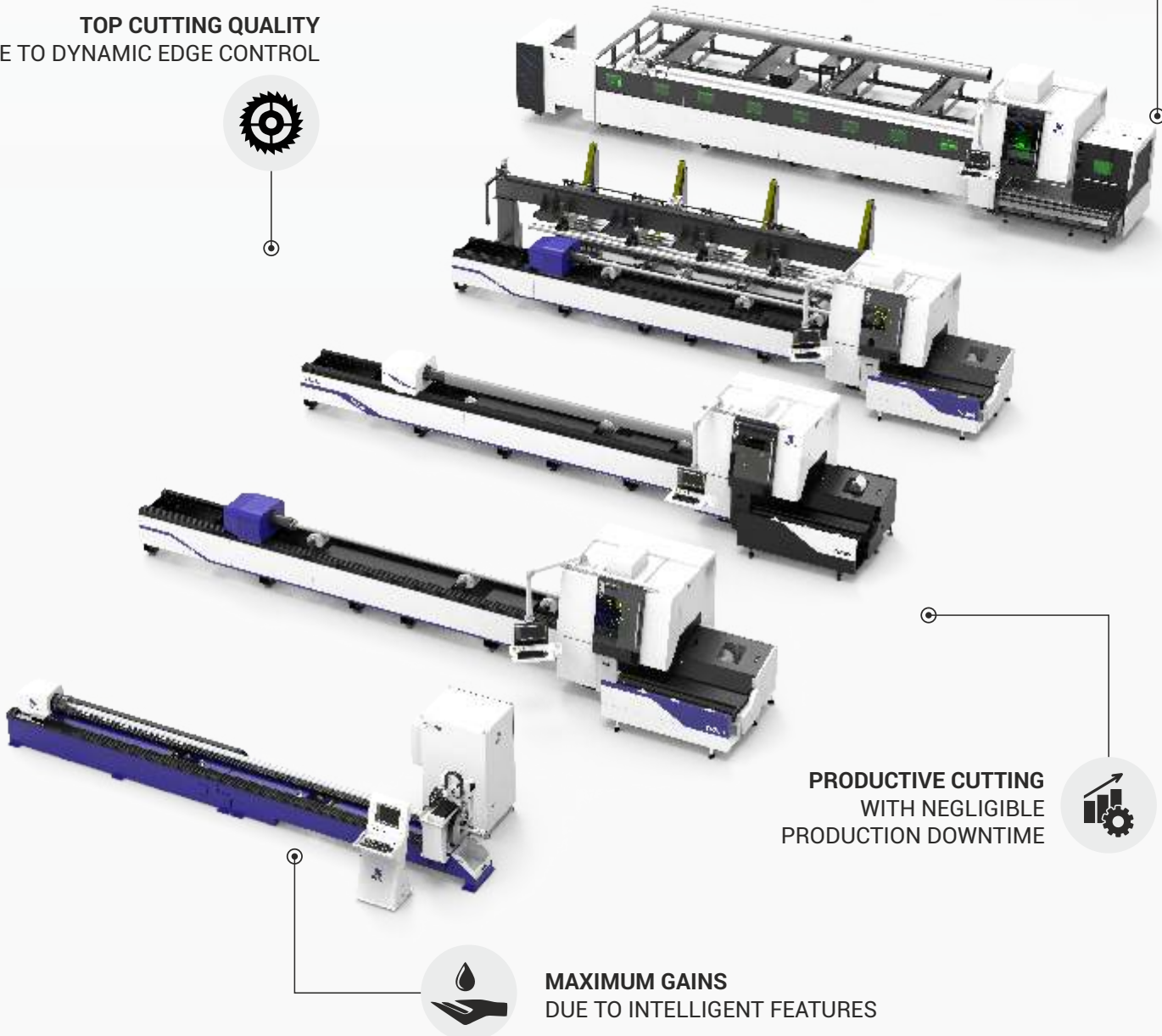
**VERSATILE
FIBER LASER
TUBE CUTTING
SYSTEM**

T6150 / T6200 / T6300 / T8350

ECONOMICAL AND COST-EFFICIENT
DUE TO ENERGY EFFICIENCY
AND PREDEFINED
TUBE PARAMETERS



TOP CUTTING QUALITY
DUE TO DYNAMIC EDGE CONTROL



PRODUCTIVE CUTTING
WITH NEGLIGIBLE
PRODUCTION DOWNTIME



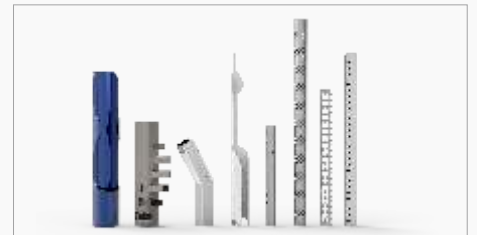
MAXIMUM GAINS
DUE TO INTELLIGENT FEATURES



Designed for Precision: The system is capable of delivering excellent edge quality, efficient cutting and cost effective processing.



Robust Chuck With Integrated Rotary Axis: The chuck system is perfectly calibrated to attain high machining accuracy by avoiding any torsional stress in the tube.



More Shapes And Materials: It can process special sections and even open shapes. Its built to work smoothly on materials like SS, MS, Al, Cu, Br, Gi and more.

T6150 / T6200 / T6300 / T8350

SPECIFICATION

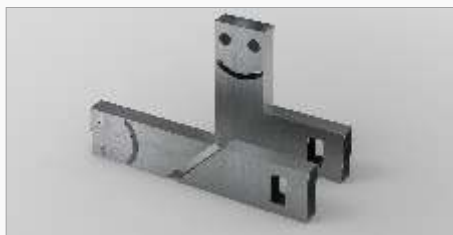
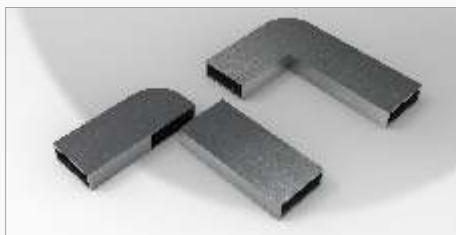
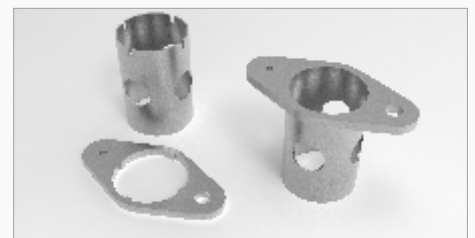
	Unit	T6150	T6200	T6300	T8350
Maximum Pipe Cutting Length	mm	6100			8050
Cutting Diameter	Round	Ø25 - Ø180	Ø20 - Ø200	Ø20 - Ø300	Ø20 - Ø360
	Rectangle / Square / Flat Bar	mm	120 x 120	150 x 150	200 x 200
X- Axis Travel	mm	450			650
Y- Axis Travel	mm	6050	6500	6500	9500
Z- Axis Travel	mm	180	200	200	350
Maximum Job Weight **	kgs	140	160	225	670
Maximum Workpiece Weight **	kgs/m	23.3	26.6	37.5	83.7
Master Chuck Dia. Size (B1-Axis)	mm	180	200	300	350
Slave Chuck Dia. Size (B2-Axis)		Operational Manual / Auto Operational Manual / Auto			
X, Y Axis Positioning Accuracy	mm/m	±0.05			
X, Y Axis Repeatability Accuracy	mm/m	±0.03			
Acceleration	m/s ²	10			
X Axis Maximum Running Speed	m/min	45			70
Y Axis Maximum Running Speed	m/min	70			
Maximum Turning Speed (W-Axis)	rpm	60	80	50	50
Laser Power	kW	1 - 6			
Controller		Tube Pro / e-Tron			

* Technical specifications are subject to change without prior notice

** Maximum thickness & length of full-size tube/pipe is limited by weight capacity of respective variant.

Introducing SLTL's Tube Cutting Series; T6150 / T6200 / T6300 / T8350. SLTL Group is known for its industry-changing innovations, and this Laser Pipe Cutting series provides remarkable cutting quality and supreme productivity. We re-imagined the classic tube-cutting process and designed a range of equipment to meet complex industrial needs.

These Laser Tube Cutting Systems offer perfection, accuracy, and profitability. The company's Laser Tube Cutting Machines promise to improve tube processing. Faster acceleration from strong machine structure and high-tech software integration helps laser tube cutters reach their full potential, save downtime, and reduce waste. Precisely-designed systems give superior edge-cutting and cost-effective processing. The laser pipe cutting series focuses on precision and quality, providing the same output in every cut.



FEATURES

- Enhanced 3D cutting with 360° flexibility
- CNC controlled intelligent self-centering
- Floating tube support and horizontal tube clamping
- Compact system with excellent throughput
- Enclosed workstation for work safety
- Ergonomic and proficient system
- Global standard components for easy service and maintenance

OPTIONAL

- Safety Enclosure
- Fume Extractor
- Bevel Cutting Head
- Auto Loading Mechanism
- Touch Screen Operating System
- Centralized Automatic Lubrication System



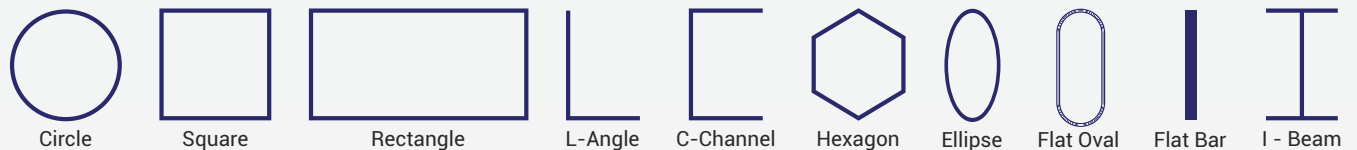
ADVANCED SOFTWARE

T6150 / T6200 / T6300 / T8350 pipe cutting machines have intuitive software and an in-built data storage vault for quick operations and simple tube-cutting applications at incredible speeds.

Programming, operating, production, and maintenance are simplified by the system's multi-touch gestures, simple navigation pages, and built-in sample tube library. High-power tube cutting machines with quicker and more efficient nesting software reduce the amount of waste. Smart nesting allows manufacturers to closely place design pieces and share cut lines.

EMBRACING THE VERSATILE FIBER LASER TUBE CUTTING AUTOMATION

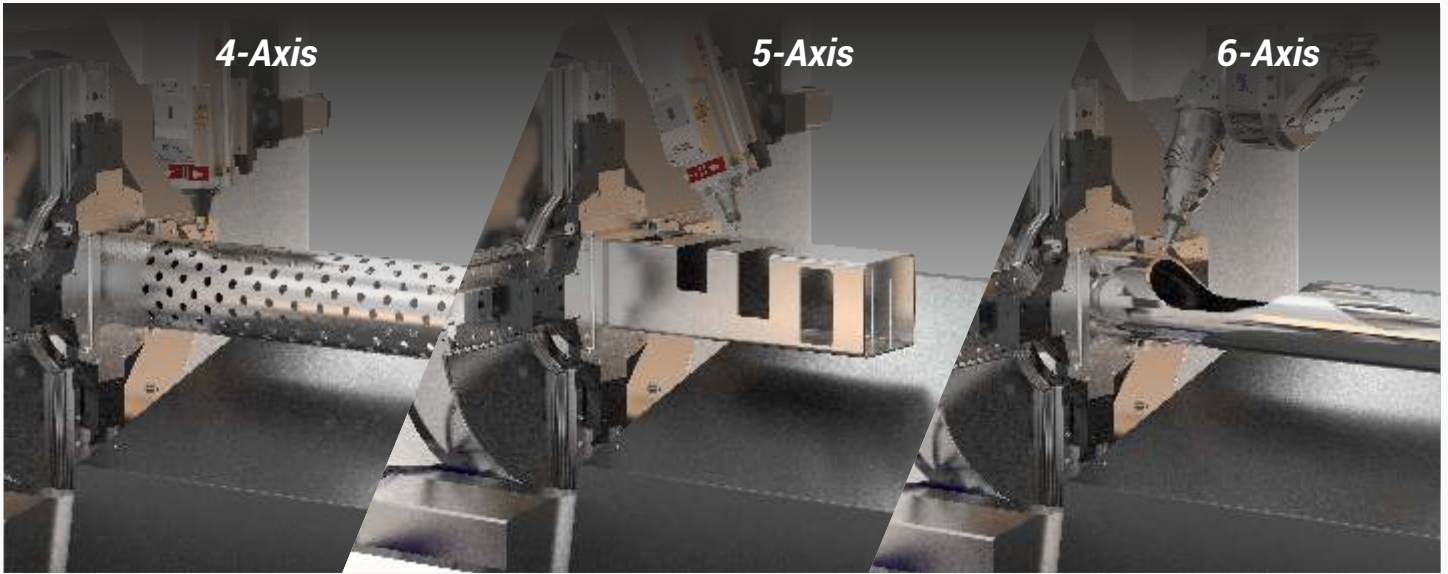
TO PROCESS ANGLES, OPEN PROFILES, AND SPECIAL SHAPED PIPES



THICKNESS & POWER CONSUMPTION

Materials	Cutting Thickness on Metal mm (inch)					
	1	1.5	2	3	4	6
Laser Power (kW)						
Mild Steel (MS) (O ₂)	6 (0.236")	6 (0.236")	8 (0.314")	8 (0.314")	10 (0.393")	14 (0.551")
Mild Steel (MS) (N ₂ / Air)	1 (0.039")	1 (0.039")	3 (0.118")	3 (0.118")	3 (0.118")	4 (0.157")
Stainless Steel (SS) (N ₂)	2 (0.078")	3 (0.118")	4 (0.157")	6 (0.236")	6 (0.236")	10 (0.393")
Aluminum (AL) (N ₂)	1 (0.039")	2 (0.078")	4 (0.157")	6 (0.236")	6 (0.236")	10 (0.393")
Brass (Br) (N ₂)	1 (0.039")	2 (0.078")	3 (0.118")	4 (0.157")	5 (0.196")	5 (0.196")
Copper (Cu) (O ₂)	1 (0.039")	2 (0.078")	3 (0.118")	4 (0.157")	5 (0.196")	5 (0.196")
Power Consumption** (kW)	10	12	17	20	24	32

** The power consumption indicated in the table is measured by the machine's peak performance. It includes the connected load of the laser source, controller, fume extractor and chiller. Sahajanand Laser Technology Ltd. reserves the right to make changes without any prior intimation or notice.



▶ BEVEL CUTTING OPERATION

The trailblazing system can cut from 0° to 45°. The sophisticated fiber laser tube cutter offers a 4, 5, and 6-axis head for 45° pipe bevel cutting. With smart laser machines, we can cut at a 45° oblique angle for accurate and rapid cutting and achieve zero clearance welding, reducing manpower and material wastage.

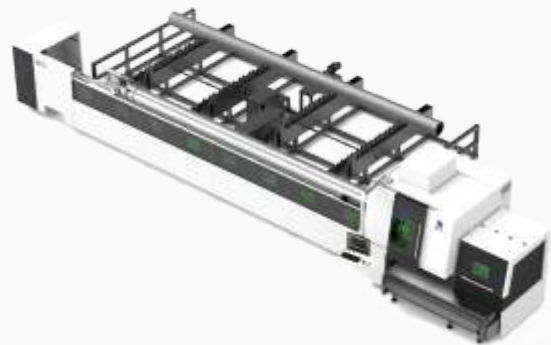
▶ LOADING-UNLOADING MECHANISM

Tubes are loaded rapidly, without jamming, and remain in the correct position over the application process. The Tube cutting machine's perfection is always within the specified tolerances, to avoid adjustments being made afterwards. It's built for saving time when quality is constantly maintained.



Specifications	T6200	T6300
Bundle Cradle	1500 kg	2000 kg
Maximum Lifting Capacity	160 kg	225 kg

Specifications	T8350
Chain Loader Maximum Stations	5
Chain Loader Maximum Weight Carrying Capacity Per Station	670 kg



▶ TUBE SLITTING AUTOMATION

Supersonic tube cutting machines are automated to cut tubes repeatedly for mass production and cutting to pipe length. Time is saved by the special head on this laser pipe-slitting machine, which quickly slices the entire tube in a single pass. The equipment is designed to protect tubes from jerks and movements when cutting.

Group Today

LASER CUTTING
LASER MARKING
LASER WELDING
 HARDENING & CLADDING
 MICRO MACHINING

Tube / Pipe Cutting
 Bending
 Sheet Storage
 Loading-Unloading
 Annealing
 Cleaning
 Scribing / Dicing
 Automations

Go Green!



Scan To
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SLTL's Strength

<p>Experience</p> <p>35+ Since 1989</p> <p>Years</p>	<p>6 Mfg. Plants</p> <p>Laying Over</p> <p>54000 Sq. mtr.</p>	<p>10%</p> <p>Yearly R&D</p>	<p>Exports</p> <p>45+</p> <p>Countries</p>
<p>25000+</p> <p>Installations</p>	<p>ISO</p> <p>9001-2015</p>	<p>30+</p> <p>Patents</p>	<p>35+</p> <p>Awards</p>

WE CARE

<p>MTTR</p> <p>93% CALLS</p> <p>< 5 HRS</p>	<p>MTBF</p> <p>6000 HRS BEST</p> <p>IN CLASS</p>	<p>ONLINE SERVICE</p> <p>RESPONSE 100%</p> <p>CALLS < 8 MIN</p>	<p>PHYSICAL RESPONSE</p> <p>97.5% < 6 HRS</p>	<p>60% REPEAT</p> <p>CUSTOMERS</p>	<p>98.7% DELIGHTED</p> <p>CUSTOMERS</p>
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Fiber laser cutting machine
WORLD'S FIRST

Successfully installed
 More Than **25000**
 Systems

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