

Affordable Models (Tube Laser Cutting Machines)

Two Chucks

Laser power: 1.5-6kW

Tube size: 10-360mm

- ✓ Intelligent bus-based CNC system, with fast and stable data transmission
- ✓ Precision pneumatic chucks for the shorter tailing
- ✓ One-step beveling within 45°
- ✓ Follow-up/vari-pitch support to prevent long tube from shaking
- ✓ Automatic loading & unloading devices as optional accessories



Model	T Series		GT Series	
Laser Power (kW)	1.5-6		3-6	
Max Length of Tube (mm)	6000		6000	
Scope of Tube Size (mm)	Round tube: Φ10~360	Square tube: □10*10~360*360	Round tube: Φ10~360	Square tube: □10*10~360*360
Max Weight of Tube (kg)	150-500		250-700	
X/Y-axis Positioning Accuracy (mm)	±0.05		±0.05	
X/Y-axis Repositioning Accuracy (mm)	±0.02~±0.03		±0.02~±0.03	
Max No-load Speed (m/min)	60-100		60-75	
Max Acceleration (G)	0.6-1.2		0.6-0.8	
Max Rotating Speed of Chucks (r/min)	60-140		60-100	
45° Beveling	No		Yes	
Overall Dimensions (L*W*H, mm)	8900*2100*2100/9260*1900*2280		10200*2280*2530	
	9260*1900*2280/9500*2050*2550			

Better Models (Tube Laser Cutting Machines)

Three Chucks

Laser power: 1.5-20kW

Tube size: 20-360mm

- ✓ Three chucks with full stroke, zero tailing and higher material utilization
- ✓ Efficient nesting software to minimize tube waste
- ✓ Horizontal/side-attached machine tool bed, with large loading capacity
- ✓ Come standard with automatic loading & unloading devices featured by servo control and fast response
- ✓ One-step beveling within 45° (optional)



Model	ST Series	NT Series
Laser Power (kW)	6-20	1.5-6
Max Length of Tube (mm)	9000-12000	6000-12000
Scope of Tube Size (mm)	Round tube: $\Phi 20\sim 360$ Square tube: $\square 20\sim 20\sim 360\sim 360$	Round tube: $\Phi 20\sim 360$ Square tube: $\square 20\sim 20\sim 360\sim 360$
Max Weight of Tube (kg)	1200	250-1000
X/Y-axis Positioning Accuracy (mm)	$\pm 0.1/10000\pm 0.05$	± 0.05
X/Y-axis Repositioning Accuracy (mm)	$\pm 0.03\sim \pm 0.05$	± 0.03
Max No-load Speed (m/min)	60	60-75
Max Acceleration (G)	0.6	0.6-0.8
Max Rotating Speed of Chucks (r/min)	60	60-100
Overall Dimensions (L*W*H, mm)	21500*7000*4500/22000*7200*4150	13350*2750*2615/13500*2750*3390 16500*2750*2615

High-end Models (Tube Laser Cutting Machines)

Four Chucks

Laser power: 6-20kW

Tube size: 50-500mm

- ✓ Four heavy chucks used for zero tailing
- ✓ Cut large-diameter, ultra-long and extra-heavy tube
- ✓ Come standard with automatic loading & unloading devices featured by servo control and fast response
- ✓ Side-attached machine tool bed with large loading capacity
- ✓ One-step 45° beveling (optional)



Model	HT Series
Laser Power (kW)	6-20
Max Length of Tube (mm)	12000
Scope of Tube Size (mm)	Round tube: Φ50-500 Square tube: □50*50~500*500
Max Weight of Tube (kg)	2000
X/Y-axis Positioning Accuracy (mm)	±0.1/10000
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max No-load Speed (m/min)	40
Max Acceleration (G)	0.3
Max Rotating Speed of Chucks (r/min)	40
Overall Dimensions (L*W*H, mm)	29000*7200*4150

Special Model (Tube Laser Cutting Machines)

Cut Heavy-duty H Beam

Laser power: 12-30kW

Working area: 28000*3000mm

- ✓ Special for cutting large H beam, also deal with T-shaped, channel and I beam
- ✓ 6 functions incl. marking, web piercing, overlaid hole cutting, beveling, cutoff, sheet cutting
- ✓ Both straight cutting and beveling that facilitates later welding
- ✓ Double work stations, custom-made as needed, make it easy to load and unload
- ✓ Multiple H beam/sheet cutting tables available (optional)



Model	SF1500CH
Laser Power (kW)	12-30
Working Area (L*W, mm)	28000*3000
Max Width of H Beam (Web, mm)	1200
Max Height of H Beam (Flange Slab, mm)	500
Max Thickness	≤50mm (straight cutting) ≤35mm (flange slab beveling)
X/Y-axis Positioning Accuracy (mm)	±0.1
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max No-load Speed (m/min)	50
Overall Dimensions (L*W*H, mm)	35670*5900*3030
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)