
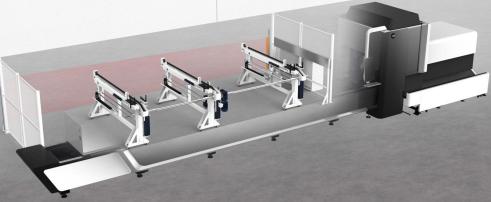



FIBER LASER CUTTING MACHINE

T2-92 Photo	Laser Power	
	6kW	
Freight&Tariff	Included	
Installation & Training Cost	Included	
Transportation	By Sea	
Loading Container	2*40'HQ	
Payment Terms	50% down payment, 50% before shipment.	
Warranty	Three years limited warranty for main parts. One year free labor.	
Optional		
	T-Loader2-92 (Automation)	
	T-Trans2-92 (Automation)	
Bevel cutting		
6L fume filter with sparker arrestor		
22kW air compressor with ATH filters group		
Basic Parameter		
Tube cross-sectional shape	Round, square, rectangular, oval, rounded rectangular, Angle steel, channel steel and other tubes	
Tube size range	Round tube: $\varphi 8 - \varphi 230\text{mm}$ Square tube: $\square 8 - \square 230\text{mm}$ Rectangular tube: $230\text{mm} \geq \text{Side length} \geq 8\text{mm}$, I-beam: 10# - 14#	
Maximum machinable tube length	9200mm ($\approx 30.18'$)	

Intelligent Function	
Bodor Lightning perforation technology	Yes
High Speed Cutting Expert Database	Yes
Adaptive adjustment of jaw clamping force	Yes
Following servo feeding bracket	Yes
Composite rollers	Yes
Automatic tube inspection	Edge-seeking, center-finding
Cutting gas automatic pressure regulation function	O ₂
Touch screen control	Yes
Automatic focusing function of laser head	Yes
Laser cutting technology database	Yes
Over edge protection	Yes
Active collision prevention	Yes
Anti-slag Protection	Yes
Gas-saving steady flow nozzle	Yes
Intelligent maintenance reminder	Yes
BodorCloud sevice	Yes
WIFI internet connection	Yes
Performance	
Requirements for tubes	Diameter < φ50mm: thickness ≥ 1.2mm Diameter ≥ φ50mm: Wall thickness ≥ 2.5% of Diameters of tubes
Maximum unloading tube length	3000mm (≈ 9.8')
Shortest remaining material	120mm (≈ 4.7") (single chuck clamping, low accuracy)
Dimensions	15900mm×2370mm×2650mm (625.98in × 93.31in × 104.33in)
Maximum tube weight	300Kg 46Kg/m
Overall weight	7450kg (16390lb)
Positioning accuracy	±0.03mm/m
Repositioning accuracy	±0.03mm/m
Max. Chuck rotating speed	160r/min
Max. linkage speed	160m/min
Max. linkage acceleration	1.5G

Configuration

Processing precision (□38mm stainless steel square tube)	Φ20mm roundness	≤0.15mm
	□20mm square diagonal size difference	≤0.20mm
	□20mm square position size difference	≤0.3mm
Laser source	BodorPower	
Laser head	BodorGenius T	
Chuck drive types	Pneumatic chuck	
Linear Rails	Bodor	
Rack	Bodor	
X-axis、Y-axis、Z-axis、A-axis Servo motor and driver	Bodor	
Control system	BodorThinker Tube	
Display size	21.5 inches	
File format	IGS、DXF、G Code	
Water Chiller	Yes	
Dust removal	Centrifugal fan (Standard) Fume filter (Optional)	
Total power capacity/current with 6kW source (380V)	42.77Kw/72.3A	

T-Loader2-92

Adaptive length	9200mm (≈30.18')	
One-click setting	Yes	
Lack of material alarm	Yes	
Add tube midway	Yes	
Automatic loading	Yes	
Host security interlock	Yes	
Tube type	Round tube	Yes
	Square tube	Yes
	Rectangular tube	Yes
Tube size range	Round tube	Φ20-Φ220mm
	Square tube	□20 - □220mm
	Rectangular tube	220mm ≥ Side length ≥ 20mm
Maximum tube weight	300KG	
Tube loading length range	4500mm-9200mm (≈15'-30')	
Maximum load capacity of storage bin	1.8t	
Location number	11 (φ<90) 6(φ>90)	
General dimensions with the module	15900*5460*2740mm (≈626*215*108in)	
Weight	1510kg	
Total power capacity/current (380V)	3kW/4.56A	

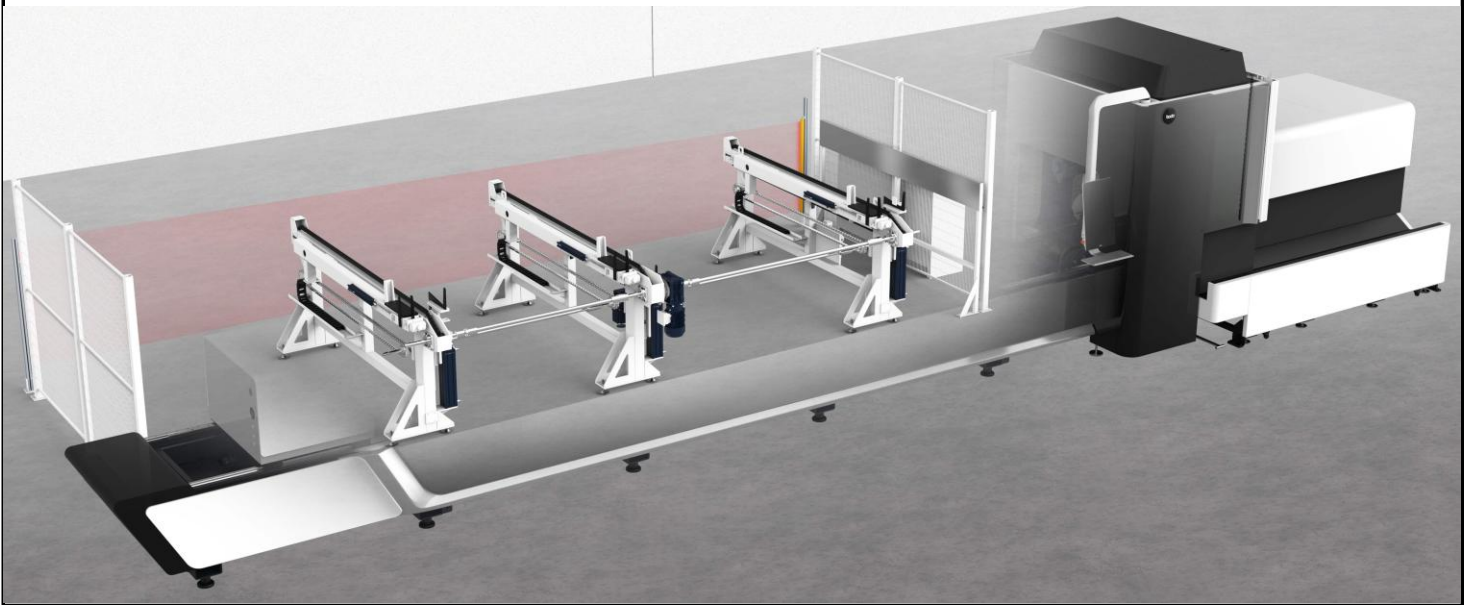
T-Trans2-92

Adaptive length	9200mm (≈30.18')	
One-click setting	Yes	
Lack of material alarm	Yes	
Add tube midway	Yes	
Automatic loading	Yes	
Host security interlock	Yes	
Anti-scratch	Yes	
Tube type	Round tube	Yes
	Square tube	Yes
	Rectangular tube	Yes
Tube size range	Round tube	Φ20-Φ220mm
	Square tube	□20 - □220mm
	Rectangular tube	220mm ≥ Side length ≥ 20mm
Maximum tube weight	150Kg 21Kg/m	
Tube loading length range	4500mm-9200mm (≈15'-30')	
Maximum load capacity of storage bin	3t	
Maximum diameter of bundle	900mm	
General dimensions with the module	15900*5200*2740mm (≈626*205*108in)	
Weight	7000kg	
Total power capacity/current (380V)	9.95kW/15.12A	

T2-92 Photo



T-Loader2-92



T-Trans2-92



Key Configuration Photos



Pneumatic chuck



Composite rollers



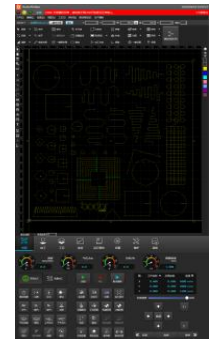
21.5 inches Display



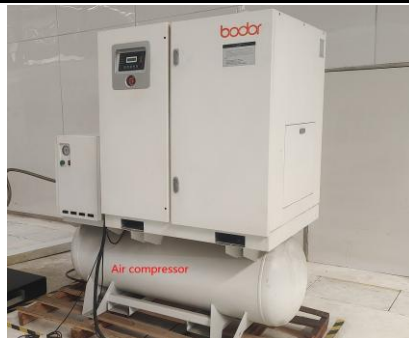
BodorPower Laser Source



BodorGenius Laser Cutting Head



BodorThinker Tube

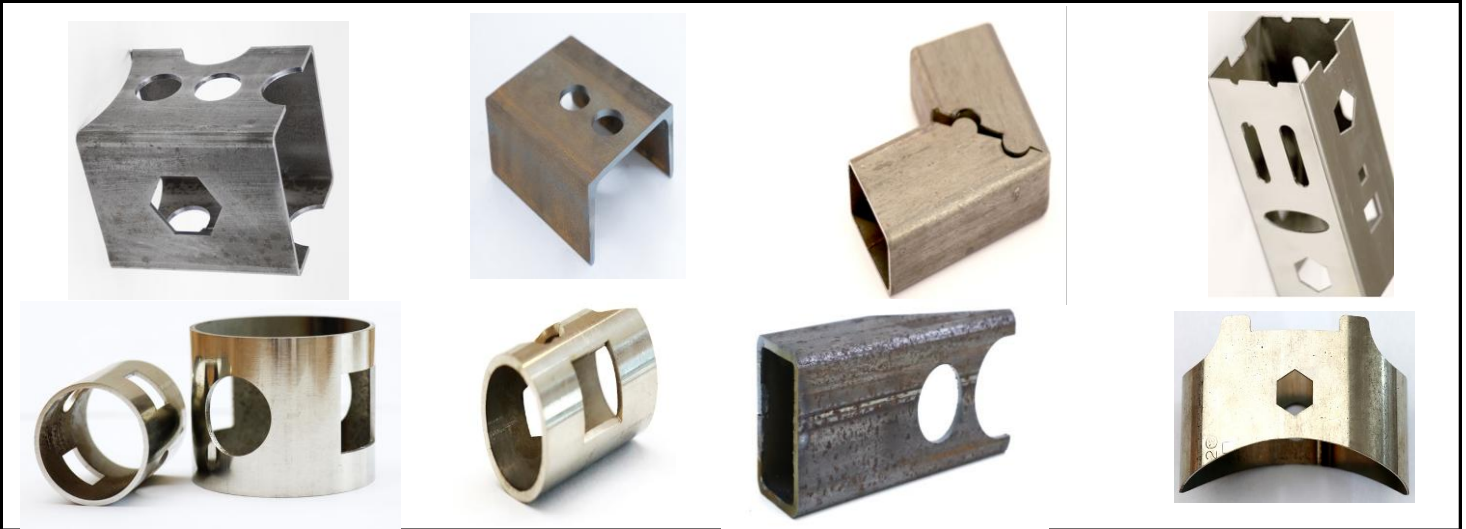


Air Compressor



Fume Filter

Cutting Samples



Cutting Parameters

		Power	Thickness (mm)	1	2	3	4	5	6 (1/4")	8	10	12 (1/2")	14	16	18 (3/4")	20
Carbon steel	12kw	speed m/min		18--21	15-20	4--6	3.3--4.5	3.5--4.3	2.7--4	2.5--3.5	1.8--2.5	1.5--2	1.2--1.8	1--1.5	0.8--1	0.5--0.8
	6000W			18--21	15-20	3.8--5.5	3.2--4.3	3--4	2.5--3.5	2--3	1.3--2.2	1.2--1.7	0.9--1.3	0.6--1.1	0.5--0.7	
	3000W			18--21	10--12	3.5--5	3--3.8	2.6--3.2	1.9--2.4	1.6--2	1.2--1.6	0.9--1.3	0.8--1	0.6--0.9	0.5--0.6	
	1500W			17--19	6--8	2.5--3.5	2.3--2.8	1.8--2.4	1.4--1.8	1--1.4	0.8--1.1	0.6--0.9	0.5--0.6			
		Power	Thickness (mm)	1	2	3	4	5	6 (1/4")	8	10	12 (1/2")	14	16	18 (3/4")	20
Stainless steel	12kw	speed m/min		23--28	20--22	8--12	12--14	7--9	6--8	3--4	1.5--2.5	1--2	0.8--1.5	0.6--1	0.6--0.8	0.4--0.5
	6000W			23--28	20--22	8--10	9--12	6--8	4--5.5	2--3	1--1.5	0.5--1	0.4--0.7	0.2--0.4	0.2--0.4	
	3000W			23--28	14--18	4.2--5.4	2.8--3.6	1.8--2.4	1--1.5	0.8--1.2	0.4--0.6					
	1500W			15--20	9--12	2--3	1.2--1.5	0.6--0.9	0.5--0.6							

Packing Photos



Packing in Factory



In Container



In Container Yard

ABOUT BODOR

A company of over 2,000 people only focusing on fiber laser cutting machines.

Local Sales & Engineer Service team in American.

Over 150 backbone researchers only into laser field.

Bodor Super Factory covers over 60,000 m².

Exports of fiber laser cutting machine are No.1 in China.

Users of over 150 countries are happy with Bodor.

Bodor gains patents and certifications (CSA, cTUVus, CE, FDA, ISO 9001, BV, SGS, etc.)



Won the German IF Award at the International Industry Awards in 2019.
 Won the German Red Dot Award at the International Industry Awards in 2018.

Won the China Red Star Design Award, National High-tech Zone Gazelle Enterprise in 2016.

International awards 10+; industry awards 50+; patent certificates 130+.



Leading Manufacturer

World Brand

Honors

Bodor China



Bodor USA

