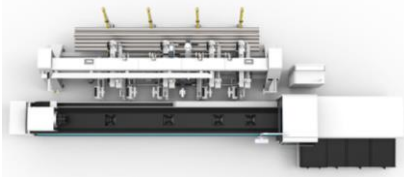
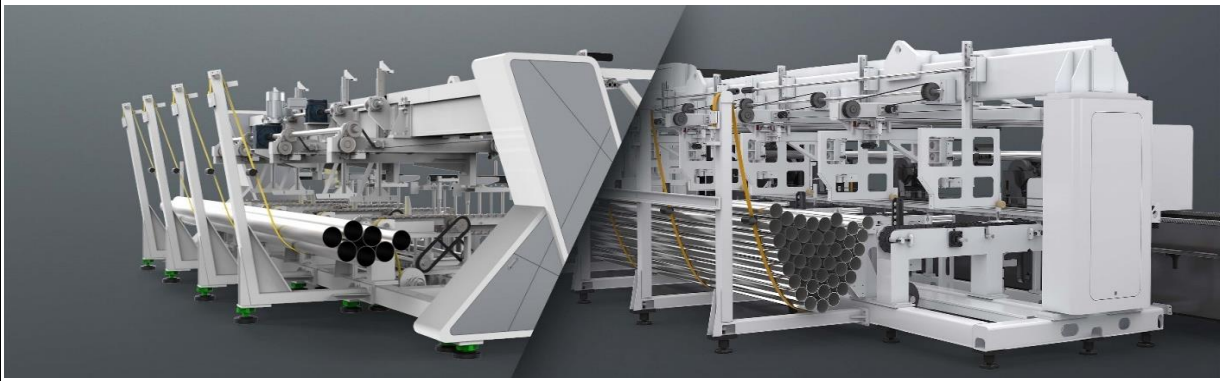


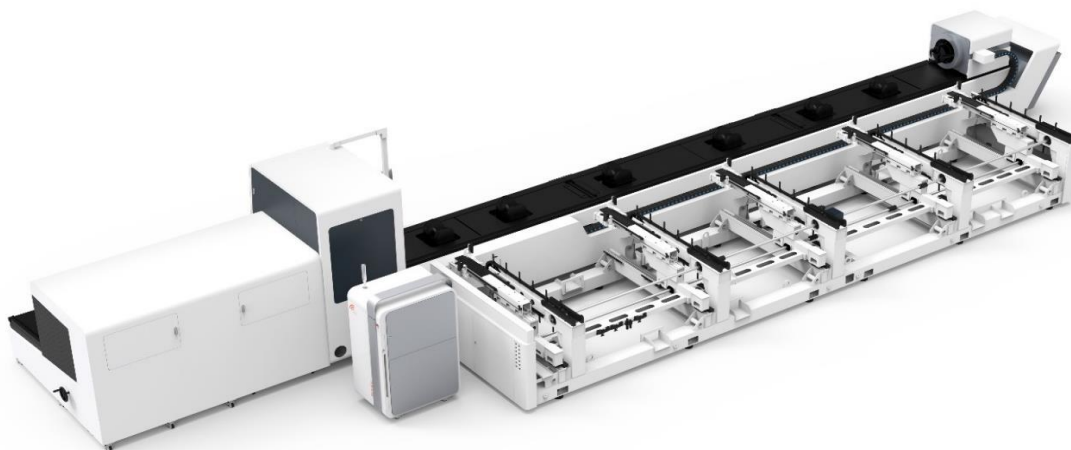
TUBE LASER CUTTING MACHINE T230

T230 Photo	Laser Power	Price
	T230A 3KW	
Loading Container	3x40'HQ	
Freight&Tariff	Included	
Loading & Unloading	Included	
Installation & Training Cost	Included	
Transportantion	By Sea	
Payment Terms	30% down payment,70% before shipment.	
Warranty	Three years limited warranty for main parts. One year free labo	
Basic Parameter		
Tube cross-sectional shape	Round, square, rectangular, oval, rounded rectangular, Angle steel, channel steel and other tubes	
Tube size range	Round tube: φ20-φ230mm Square tube : □20-□230mm Rectangular tube: 170mm≥Side length≥20mm, Circumscribed circle diameter≤230mm	
Maximum machinable tube length	6500mm(21') 【Option 9200mm (30')】	
Configuration		
Laser source	BodorPower	
laser head	BodorGenius T	
Chuck	pneumatic chuck	
Waste Trolley	Yes	
Standard tube support holder	Yes	
Linear Rails	Bodor	
Rack	Bodor	

X-axis、Y-axis、Z-axis、A-axis Servo motor and driver	Bodor	
Control system	BodorThinker	
Display size	21.5 inches	
Intelligent alarm	Yes	
Intelligent LED alert lights	Yes	
File format	IGS、DXF、G Code	
Water Chiller	Yes	
Dust removal	Centrifugal fan 【Option Fume filter】	
Power capacity/Current	T230(21')	T230(30')
Total power capacity/current with 6KW source	61.48KVA/93.4A	59.5KVA/90.4 A
Total power capacity/current with 3KW source	45.78 KVA/69.6A	44KVA/66.85 A
Total power capacity/current with 2KW source	37.08 KVA/56.3A	36.5KVA/55.46 A
Total power capacity/current with 1.5KW source	43.28 KVA/65.8A	43.18KVA/65.6 A
Intelligent Function		
Bodor Lightning perforation technology	Yes	
High Speed Cutting Expert Database	Yes	
Automatic tube inspection	four sides edge-seeking	
Cutting gas automatic pressure regulation function	6kW below: O2 6kW and above: O2、N2、air	
Touch screen control	Yes	
Automatic focusing function of laser head	Yes	
Laser cutting technology database	Yes	
Active obstacle avoidance function	Yes	
Angle steel, channel steel cutting	Yes	
Jaw position control	×	
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 < $\phi 50\text{mm}$ thickness $\geq 1.2\text{mm}$; Diameter $\geq \phi 50\text{mm}$ Wall thickness $\geq 2.5\%$ of Diameters of tubes
Maximum tube length	4500mm
Shortest remaining material	110mm(1.5-3kw) 200mm (ipg3kw、6kw)
Dimensions	13500 $\times$ 3200 $\times$ 2500mm
Maximum tube weight	300Kg 46Kg/m
Overall weight	6700kg
Positioning accuracy	0.05mm
Repositioning accuracy	0.03mm
Max. Chuck rotating speed	120r/min
X axis maximum speed	100m/min
Y axis maximum speed	90m/min
X maximum acceleration	1G
Y maximum acceleration	1.2G
Z axis maximum speed	80m/min
$\Phi 20\text{mm}$ roundness	$\leq 0.15\text{mm}$
$\square 20\text{mm}$ square diagonal size difference	$\leq 0.20\text{mm}$
$\square 20\text{mm}$ square position size difference	$\leq 0.15\text{mm}$ (3m) $\leq 0.40\text{mm}$ (6m)
T-trans	
	
Matching model	T series、M230

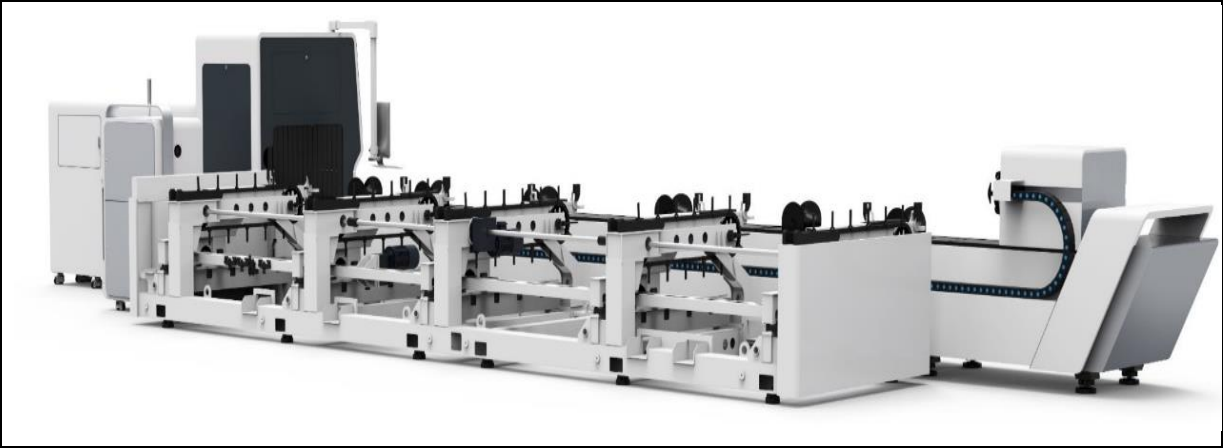
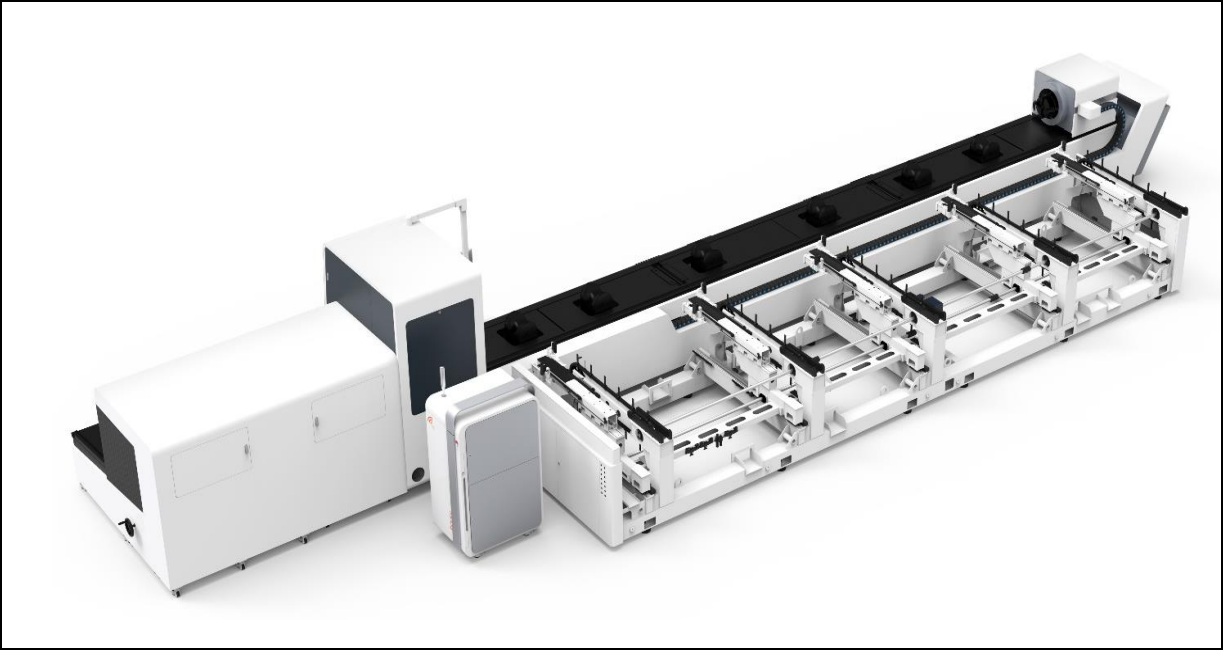
Maximum machinable tube length	6500mm,9200mm
One-click setting	Yes
Lack of material alarm	Yes
Add Tube midway	Yes
Automatic loading	Yes
Anti-scratch tube	Yes
Host security interlock	Yes
Loading tube type	Round tube,Square tube,Rectangular tube
Tube size range	Round tube : $\Phi 20$ - $\Phi 230$ mm
	Square tube : $\square 20$ - $\square 160$ mm
	Rectangular Tube : $200\text{mm} \geq \text{Side length} \geq 20\text{mm}$, Circumscribed circle diameter $\leq 230\text{mm}$
Maximum tube weight	200Kg 30Kg/m
Tube loading length range	(21') 3000mm-6500mm (30') 3000mm-9200mm
Maximum load capacity of storage bin	(21') 2 ton; (30') 3 ton
Maximum diameter of bundle	900mm
Module dimensions	(21') 8050*3237*2192mm (30') 10750*3230X2192mm
Weight	(21') 7600kg (30') 11200kg
Total power capacity/current	(21') 9KVA/20.7A (30') 12.5KVA/28.75A
T-Loader	



Matching model	T series、M230
Maximum machinable tube length	6500mm,9200mm
One-click setting	Yes
Lack of material alarm	Yes
Add Tube midway	Yes
Automatic loading	Yes
Anti-scratch tube	Yes
Host security interlock	Yes
Loading tube type	Round tube,Square tube,Rectangular tube
Tube size range	Round tube : $\Phi 20$ - $\Phi 230$ mm
	Square tube : $\square 20$ - $\square 160$ mm
	Rectangular Tube : $170\text{mm} \geq \text{Side length} \geq 20\text{mm}$, Circumscribed circle diameter $\leq 230\text{mm}$
Maximum tube weight	300Kg
Tube loading length range	(21') 4500mm-6500mm (30') 4500mm-9200mm
Maximum load capacity of storage bin	1.2t
Location number	11 ($\varphi < 90$) 6($\varphi > 90$)
Module dimensions	(21') 6598*2484*1265mm (30')9598*2484*1265mm
Weight	(21') 3100kg (30') 4300kg

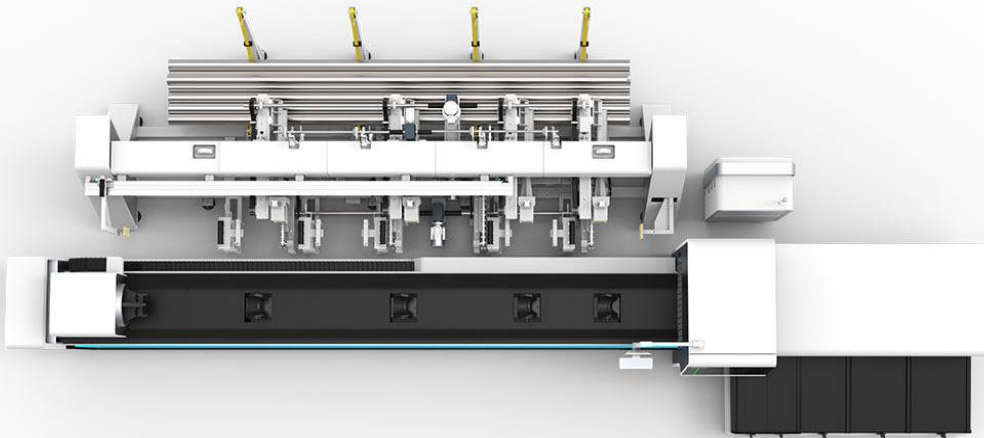
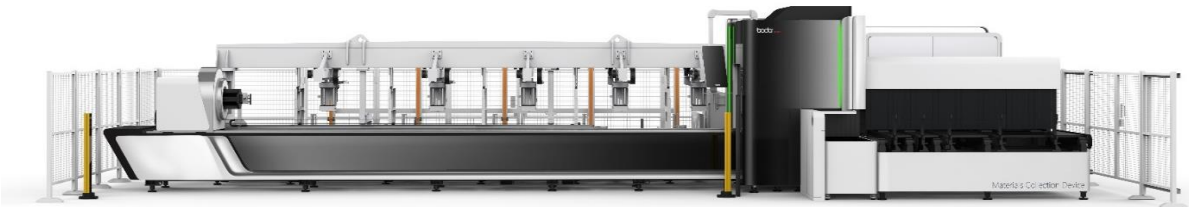
Total power capacity/current	(21') 5KVA/11.5A (30') 6KVA/13.8A
Module dimensions	(21') 6598*2484*1265mm (30')9598*2484*1265mm
Weight	(21') 3100kg (30') 4300kg
Total power capacity/current	(21') 5KVA/11.5A (30') 6KVA/13.8A

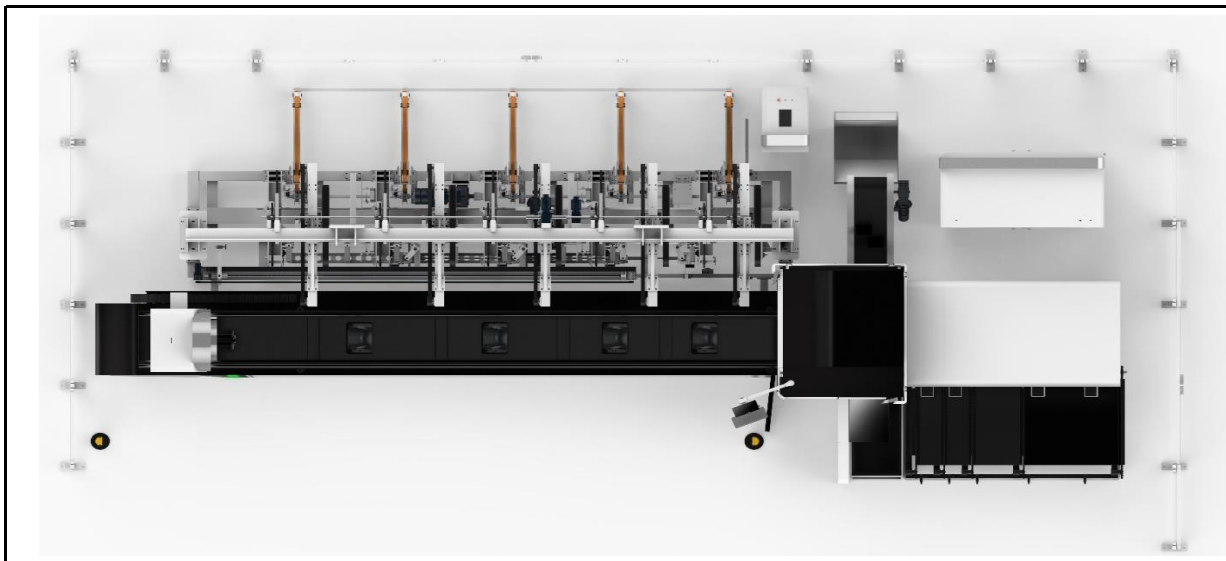
T230E INTRODUCTION



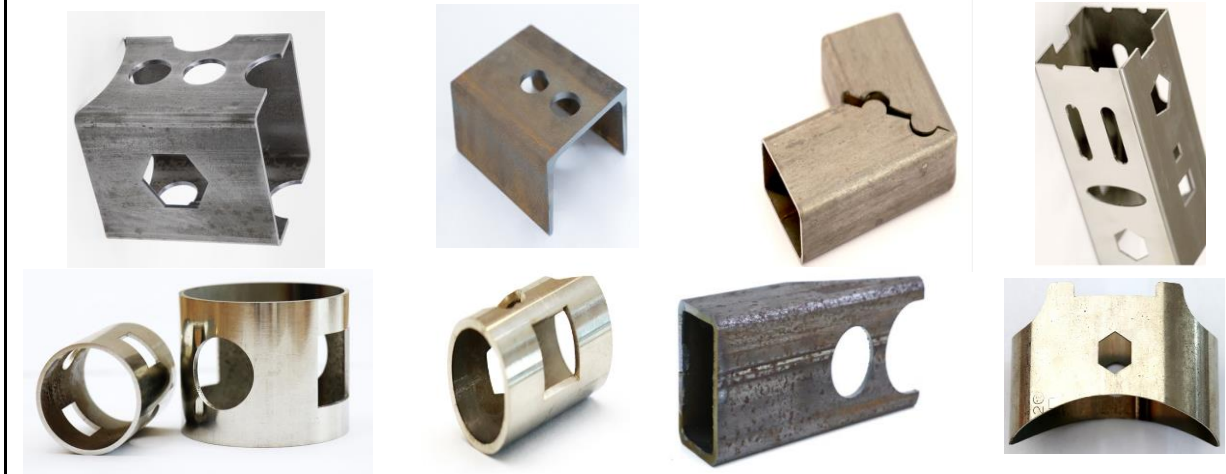


T230A INTRODUCTION





SAMPLES



Key Configuration Photos



BodorPower Laser resonator

Mortise-and-tenon type welded bed

Bodor thinekr 3.0

		
Bodor Genius Laser head	Pneumatic Chuck	Water Chiller
		
【Option】 Automatic device T-loader	【Option】 Laser fume filter(\$5,000)	【Option】 Air Compressor(\$9,700)
Cutting Parameters		
Reference table of laser cutting process parameters Carbon steel (Q235A) 02 Power 22kw 12kw 6kw 3kw 2kw 1.5kw 1kw Thickness 1 2 3(1/8") 4 5 6(1/4") 8 10 12(1/2") 14 16 18 20 25 30 35 40 Stainless steel (201) #2 Power 22kw 12kw 6kw 3kw 2kw 1.5kw 1kw Thickness 1 2 3(1/8") 4 5 6(1/4") 8 10 12(1/2") 14 16 18 20 25 30 35 40 Aluminum #2 Power 22kw 12kw 6kw 3kw 2kw 1.5kw 1kw Thickness 1 2 3(1/8") 4 5 6(1/4") 8 10 12(1/2") 14 16 18 20 25 30 35 40		
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	Leading Manufacturer	
Local Sales & Engineer Service team in American.		
Over 150 backbone researchers only into laser field.		
Bodor Super Factory covers over 60, 000 m ² .	World Brand	
Exports of fiber laser cutting machine in 2019 are No.1 in China.		
Users of over 150 countries are happy with Bodor.	Honors	
Bodor gains patents and certifications (CSA, cTUVus, CE, FDA, ISO 9001, BV, SGS, etc.)		
Became Listed Company in 2016, Red Dot Design Award in 2017.		
Bodor China		
		
Bodor USA		

