
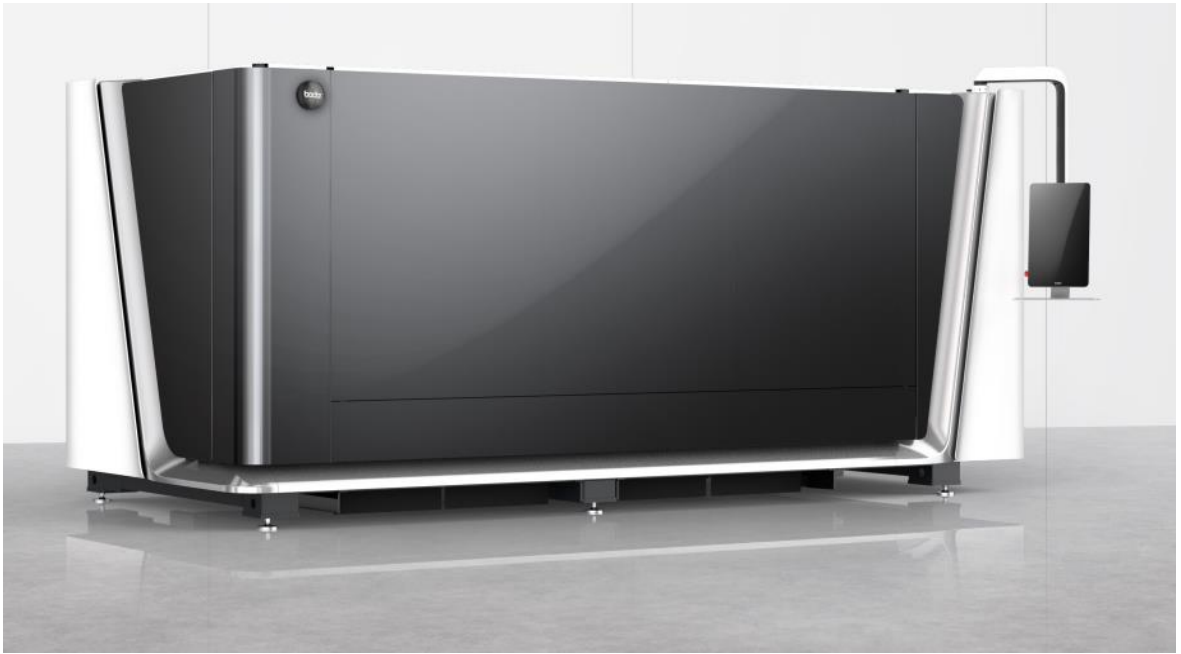


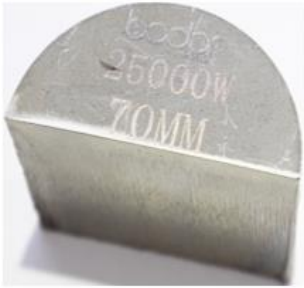
## FIBER LASER CUTTING MACHINE

<b>i7 photo</b>	<b>Laser Power</b>	
	<b>12Kw</b>	
<b>Scanning cutting</b>		
<b>Fume Filter</b>		
<b>Air compressor</b>	<b>For 6kw laser</b>	
	<b>For 12kw laser</b>	
<b>Loading Container</b>	<b>1*40HQ</b>	
<b>Freight&amp;Tariff</b>	<b>Included</b>	
<b>Installation &amp; Training Cost</b>	<b>Included</b>	
<b>Payment Terms</b>	<b>30% down payment,70% before shipment.</b>	
<b>Warranty</b>	<b>Three years limited warranty for main parts.One year free labor.</b>	
<b>Basic Parameter</b>		
Working area	3048mm*1524mm(10'×5')	
Max. linkage speed	91m/min (298'/min)	
<b>Configuration</b>		
Laser source	BodorPower	
Laser head	Bodor Genius	
Bed functions	Electric bed	
Machine bed	Tenon and mortise structure bed	
Linear Rails	Bodor	
Rack	Bodor	
X-axis, Y-axis, Z-axis, A-axis Servo motor and driver	Bodor	
Protective Enclosure	Yes	
Control system	BodorThinker	
Display size	21.5 inches	
Door-open Protection	Yes	
Intelligent alarm	Yes	
Water Chiller	Yes	
Centrifugal fan	Yes	
Power Requirements	220V/440V/480V 60HZ 3PHASE (Up to Clients Power Requirement)	
Total power capacity/current with 6KW source	57.5kVA/87.3A	
Total power capacity/current with 3KW source	51.1KVA/77.7A	

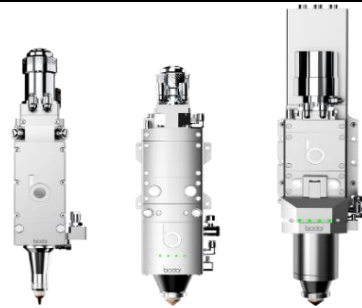
Intelligent function	
Remnant Typesetting	Yes
Bodor Lightning perforation technology	Yes
High Speed Cutting Expert Database	Yes
Touchscreen Display	Yes
Automatic adjustment of cutting gas pressure	3KW: O <sub>2</sub> 6KW: O <sub>2</sub> , N <sub>2</sub> , air
Auto-focus of laser head	Yes
Laser cutting technology expert database	Yes
Ergonomic Remote Control (Bodor Mango®)	Yes
Active anti-collision function	Yes
Intelligent anti-shake	Yes
High quality Cutting Expert Database	Yes
Mineral casting anti burning	Yes
Anti-slag Protection	Yes
Gas-saving steady flow nozzle	Yes
Intelligent maintenance reminder	Yes
WIFI internet connection	Yes
Bodor Cloud sevice	Yes
Performance	
Requirements for sheet	Plate thickness ≥ 0.8mm
Max. acceleration	1.5G
Table load bearing	900kg
Machine overall dimensions	4955×2320×2200mm
Overall weight	4980kg
Z axis travel	120mm
Positioning accuracy	±0.05mm/m
Repositioning accuracy	±0.03mm
Φ30mm roundness	≤ 0.15mm
<input type="checkbox"/> 30mm adjacent side dimension difference	≤ 0.06mm
<input type="checkbox"/> 190mm adjacent side dimension difference	≤ 0.15mm
<input type="checkbox"/> 190mm diagonal size difference	≤ 0.20mm
<b>i7 Photo</b>	



SAMPLES



**Key Configuration Photos**



**Mortise-and-tenon welding structure machine bed**

**BodorGenius Laser Cutting Head**

**BodorPower Laser Source**



**21.5 inches Display**

**Wireless Remote Control Handel**

**BodorThinker Control System**

**Cutting Parameters**

		功率	Thickness	1	2	3	4	5	6	8	10	12	14	16	18	20	25	30	35	40	45	
Carbon steel (Q235A) 02	speed m/min	22kW		9-11	5-7.5	3.5-5.5	3.5-5	3.3-4.8	3.0-4.2	2.5-3.5	2.0-2.7	1.6-2.1	1.5-2.0	1.4-2.0	1.4-2.0	1.5-1.9	1.0-1.6	0.8-1.4	0.6-1	0.5-0.9	0.3-0.5	
		12kW		9-11	5-7.5	3.5-5.5	3.5-5	3.3-4.8	3.0-4.2	2.5-3.5	2.2-2.7	1.2-2.1	1.7-1.9	1.2-1.7	1.0-1.8	0.6-1.5	0.5-1.2	0.3-1.0	0.3-0.7	0.2-0.4	0.2-0.3	
		6000W		8-10	5-7.5	3.5-5	3.0-4.5	3.0-4.2	2.5-3.5	2.2-3.2	1.8-2.5	1.2-2.1	1.2-1.8	0.8-1.5	0.6-1.2	0.5-0.8	0.3-0.55	0.2-0.3				
		3000W		8.0-10	5.5-7.5	3.0-4.0	2.8-3.5	2.6-3.2	2.5-2.6	1.6-1.8	1.4-1.6	1.0-1.4	0.8-0.9	0.7-0.8	0.6-0.7	0.5-0.6						
			Thickness	1	2	3	4	5	6	8	10	12	14	16	18	20	25	30	35	40	45	
Stainless steel (201) #2	speed m/min	22kW		72-100	50-75	38-55	25-35	24-32	20-25	15-19	10-13.5	8.0-10	6.0-8.5	4.0-6.0	3.0-3.5	2.0-3.0	1.5-2.2	1.2-1.5	0.4-0.8	0.3-0.6	0.2-0.6	
		12kW		70-85	40-66	35-45	20-32	18-25	12-15	8-12	6.0-8.0	4.0-5.5	3.0-5.0	2.2-2.8	1.2-2.0	1.0-1.6	0.5-0.8	0.3-0.6	0.3-0.5	0.3-0.5	0.2-0.4	
		6000W		42-52	20-33	15-22	10-15	7.0-12	4.8-9.0	3.0-4.0	1.6-2.5	0.8-1.5	0.6-1.2	0.5-1.0	0.4-0.8	0.3-0.6	0.2-0.4					
		3000W		30-55	12-30	6.0-10.0	4.0-6.0	3.0-5.0	2.0-3.2	1.0-1.8	0.5-0.85	0.4-0.5										
			Thickness	1	2	3	4	5	6	8	10	12	14	16	18	20	25	30	35	40		
Aluminum #2	speed m/min	22kW		70-100	40-70	35-60	30-43	22-35	18-28	12-20	7.0-12.0	4.5-6.5	3.0-4.0	2.5-3.5	1.8-2.2	1.5-2.0	0.8-1.5	0.6-1.2	0.4-0.9	0.3-0.5		
		12kW		60-85	38-50	30-40	20-30	15-25	10-15	7.0-12	4.5-8.0	4.0-5.0	1.8-2.7	1.5-2.5	1.0-1.8	0.9-1.5	0.6-0.9	0.3-0.8	0.3-0.6	0.3-0.4		
		6000W		42-55	20-40	15-25	9.5-12	5.0-8.0	3.8-5.0	2.0-2.5	1.0-1.5	0.8-1.3	0.9-1.2	0.5-0.8	0.5-0.7	0.5-0.7	0.3-0.5					
		3000W		25-30	13-20	6.5-7.5	3.5-5.0	2.5-3.5	1.5-2.5	0.7-1.0												
			Thickness	1	2	3	4	5	6	8	10	12	14	16	18	20	25	30	35	40		
Brass #2	speed m/min	22kW		65-75	40-60	25-40	20-35	20-28	12-20	9.0-12	6.0-10	3.0-4.5	1.8-4.0	1.5-3.0	1.0-2.5	0.4-2.0	0.3-0.5	0.2-0.4	0.1-0.2			
		12kW		55-65	38-42	18-30	15-20	10-15	6.0-8.0	5.0-7.0	4.5-6.0	2.4-4.0	0.8-1.5	0.6-1.2	0.4-0.6	0.3-0.5						
		6000W		35-45	20-30	12-18	8.0-12.0	6.0-8.0	3.0-6.5	1.6-2.2	0.8-1.2	0.3-0.5	0.3-0.5									
		3000W		20-30	6.0-10	3.0-8.0	2.5-4.0	1.5-2.0	1.0-1.8													

### 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 m<sup>2</sup>.

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

Users of over 150 countries are happy with Bodor.

Leading Manufacturer

World Brand

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. In 2016, won the China Red Star Design Award, National High-tech Zone Gazelle Enterprise. International awards 10+ industry awards 50+ patent certificates 130+.

Honors

## Bodor China



## Bodor USA



