


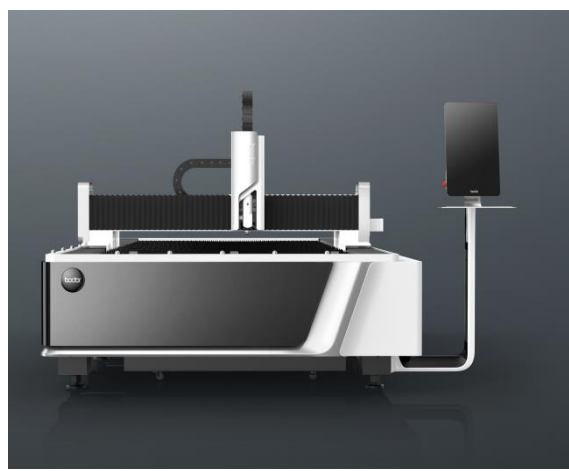
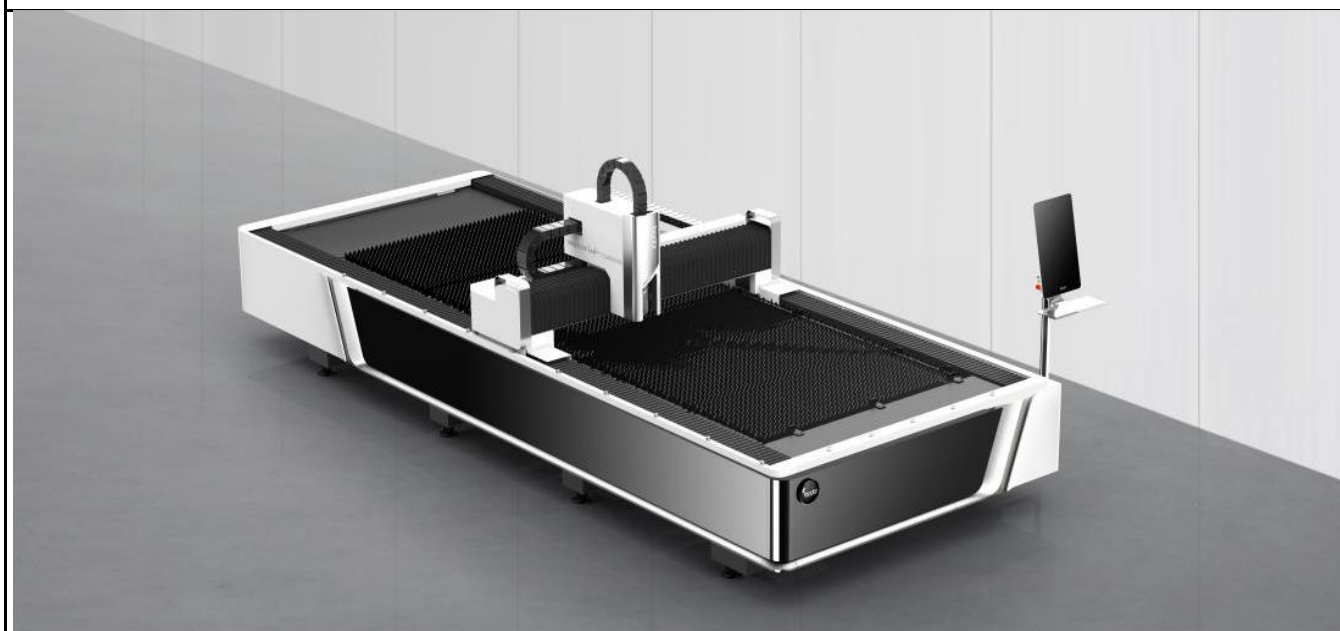
FIBER LASER CUTTING MACHINE

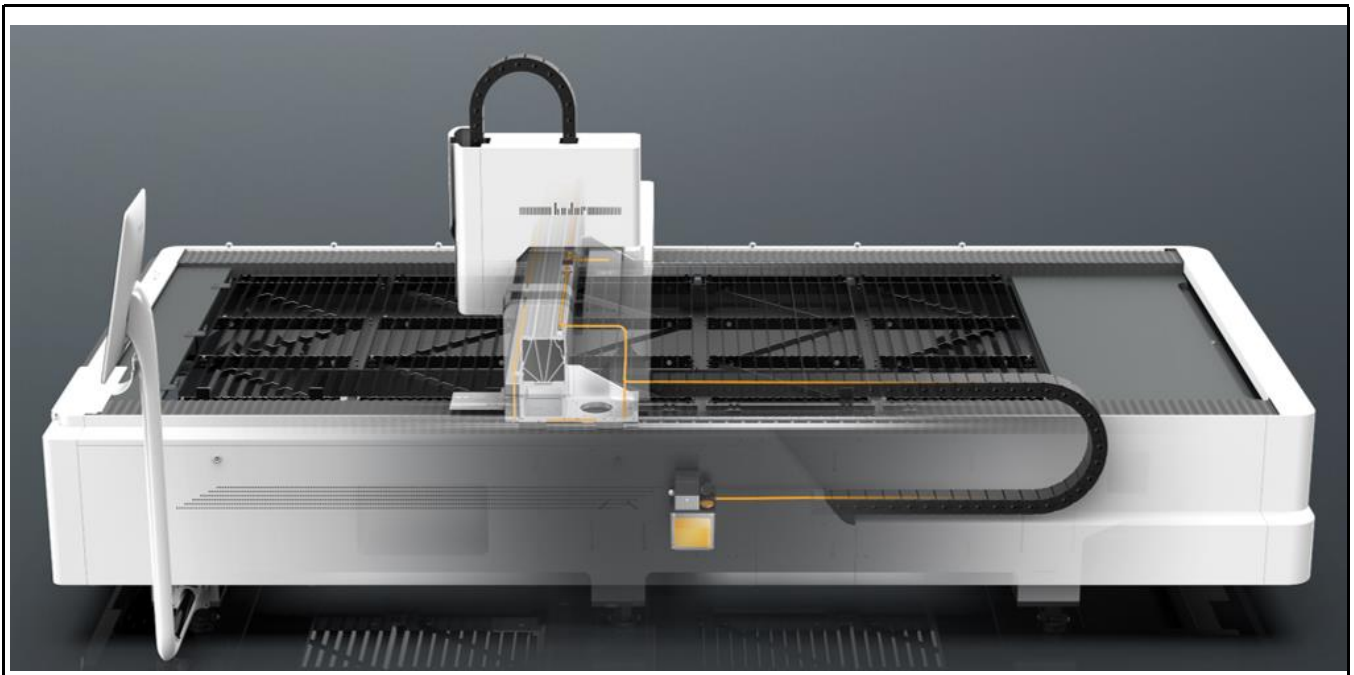
A4P Photo	Laser Power	Price
	6kw	
Scanning Cutting	UPON REQUEST	
Fume filter	UPON REQUEST	
Air Compressor	UPON REQUEST	
Loading Container	1* 20GP	
Freight&Tariff	Included	
Installation & Training Cost	Included	
Transportation	By Sea	
Payment Terms	30% down payment,70% before shipment.	
Warranty	Three years limited warranty for main parts. One year free labor.	
Basic Parameter		
Working area	4000mm*2000m(6'x12')	
Max. linkage speed	100m/min(328ft/min)	
Configuration		
Laser source	Bodor Power	
Laser head	BodorGenius	
Machine bed	Mortise-and-tenon structure bed	
Gantry structure	Stretched Aluminum gantry	
Linear Rails	Bodor	
Rack	Bodor	
X-axis、Y-axis、Z-axis、A-axis Servo motor and driver	Bodor	
Integral aluminum cantilever for high pressure steel mould casting	Yes	
Control system	Bodor Thinker	

Display size	21.5 inches
System identification file format	DXF, DWG, PLT, NC, G file
Intelligent alarm	Yes
Water Chiller	Yes
Power Requirements	220V/440V/480V 60HZ 3PHASE (Up to Clients Power Requirement)
Total power capacity/current with 6KW source	46.8KVA/71.2A
Total power capacity/current with 3KW source	40.5KVA/61.5A
Intelligent Function	
Bodor Lightning perforation technology	Yes
High Speed Cutting Expert Database	Yes
Remnant Typesetting	Yes
Automatic adjustment of cutting gas pressure	O2
Auto-focus of laser head	Yes
Laser cutting technology expert database	Yes
Ergonomic Remote Control (Bodor Mango®)	Yes
Touchscreen Display	No
Active anti-collision function	Yes
Intelligent anti-shake of sheet edge	Yes
High quality Cutting Expert Database	Yes
Anti-slag Protection	Yes
Mineral casting anti burning	Yes
Gas-saving steady flow nozzle	Yes
Automatic lubrication	Yes
Intelligent maintenance reminder	Yes
WIFI internet connection	Yes
Bodor Cloud sevice	Yes
Performance	
Requirements for sheet	Plate thickness $\geq 0.8\text{mm}$
Max. acceleration	1.5G
Table load bearing	1256kg (1-3kw) 1570kg (6kw)

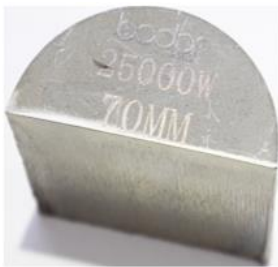
Machine overall dimensions	5699*3396*1828mm
Overall weight	2800kg
Z axis travel	100mm
Positioning accuracy	$\pm 0.05\text{mm/m}$
Repositioning accuracy	$\pm 0.03\text{mm}$
$\Phi 30\text{mm}$ roundness	$\leq 0.15\text{mm}$
<input type="checkbox"/> 30mm adjacent side dimension difference	$\leq 0.06\text{mm}$
<input type="checkbox"/> 190mm adjacent side dimension difference	$\leq 0.15\text{mm}$
<input type="checkbox"/> 190mm diagonal size difference	$\leq 0.20\text{mm}$

A4 Photo

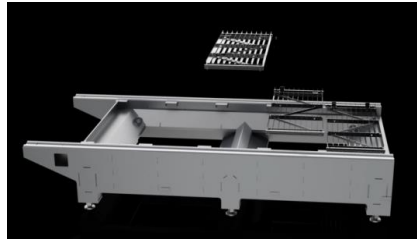




SAMPLES



Key Configuration Photos



Mortise-and-tenon welding structure machine bed

Modular Platform

Stretched Aluminum gantry



BodorPower Laser Source



BodorGenius Laser Cutting Head



Bodor Servo Motor & Driver



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	22kW	speed m/min	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	22kW	speed m/min	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	22kW	speed m/min	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	22kW	speed m/min	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

		
<p align="center">Packing in Factory</p>	<p align="center">In Container</p>	<p align="center">In Container Yard</p>
<p align="center">ABOUT BODOR</p>		
<p>A company of over 2,000 people only focusing on fiber laser cutting machines.</p>	<p align="center">Leading Manufacturer</p>	
<p>Local Sales & Engineer Service team in American.</p>		
<p>Over 150 backbone researchers only into laser field.</p>		
<p>Bodor Super Factory covers over 60, 000 m².</p>	<p align="center">World Brand</p>	
<p>Exports of fiber laser cutting machine are No.1 in China.</p>		
<p>Users of over 150 countries are happy with Bodor.</p>	<p align="center">Honors</p>	
<p>Bodor gains patents and certifications (CSA, cTUVus, CE, FDA, ISO 9001, BV, SGS, etc.)</p> 		
<p>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+.</p>		
<p align="center">Bodor China</p>		



Bodor USA

