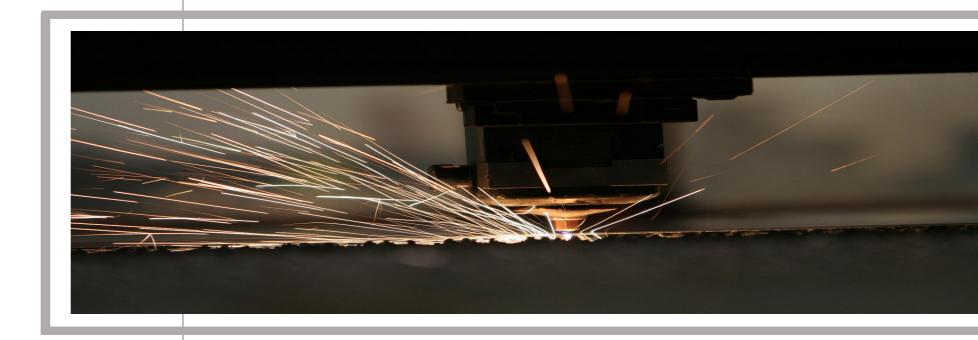


TengWen Laser Catalog



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Since 2013 www.tengwenlaser.com



TENGWEN LASER is a professional laser machine manufacturer with over 10 years of experience in designing and manufacturing laser machines. The main products that we are manufacturing and selling are laser cleaning machines, laser welding machines, laser marking machines, laser cutting machines, and CNC Router. Since TENGWEN LASER was established, our products have been exported to more than 100 countries and are highly recommended and trusted by customers globally.

TENGWEN LASER's company culture is "Result-oriented. Live for quality". We pursue excellent product quality, pay attention to every detail of the machine's part, and devote ourselves to providing customers with superior quality and reliable prices.

















Adhere to independent innovative design, independent research and development; factory independent production, strict quality control; perfect after-sales technical team, global door-to-door technical service





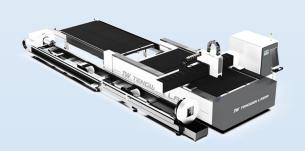






































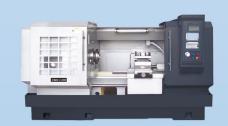


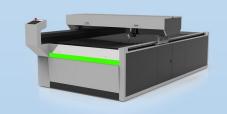




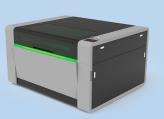
















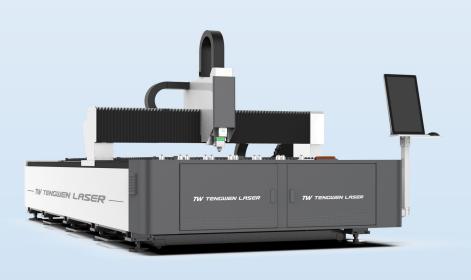


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F-Fiber Laser Cutting Machine





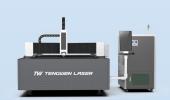




E-Exchange Table Fiber Laser Cutting Machine









Model	F3015	F4015	F6015	F4020	F6020	F6025	F8020	F8025	
Working Area	3050*1530mm	3050*1530mm 4050*1530mm 6050*1530mm 4050*2030mm 6050*2030mm 6050*2530mm 8050*2030mm 8050*2030mm							
Laser Power		1.5-60kw							
Accuracy Of Positioning		± 0.03mm							
Repeat Repositioning Accuracy				± 0.0	2mm				
Max Movement Speed	100m/min 120m/min								
Maximum Acceleration	1.5G								

Model	E3015 E4015 E6015 E4020 E6020 E6025 E8020 E8025						E8025	
Working Area	3050*1530mm 4050*1530mm 6050*1530mm 4050*2030mm 6050*2030mm 6050*2530mm 8050*2030mm 8050*2530rm							8050*2530mm
Laser Power		1.5-60kw						
Accuracy Of Positioning	± 0.03mm							
Repeat Repositioning Accuracy				± 0.0	2mm			
Max Movement Speed	100m/min 120m/min							
Maximum Acceleration	1.5G							



S-Protective Single Table Fiber Laser Cutting Machine



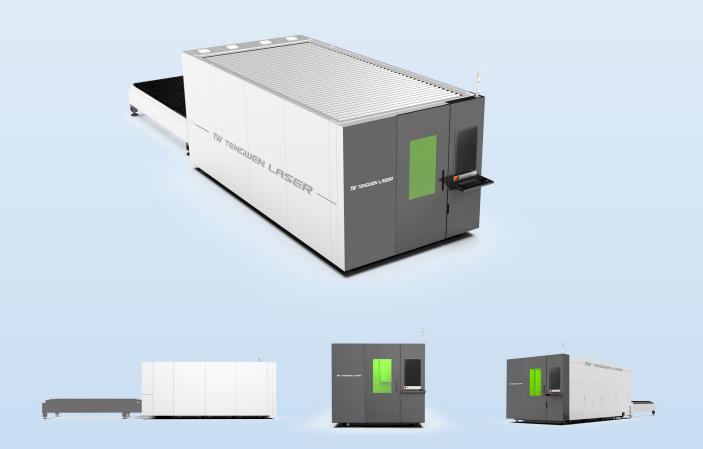






Working Area 650*650mm 650*930mm 1350*930mm 1350*1350mm 1550*1030mm 1-3kw $\pm 5 \mu m$ Repeatability $\pm\,20\,\mu$ m ± 0.03mm Positioning Accuracy 100m/min Max Movement Speed 1.5G Maximum Acceleration

P-Protective Exchange Table Fiber Laser Cutting Machine

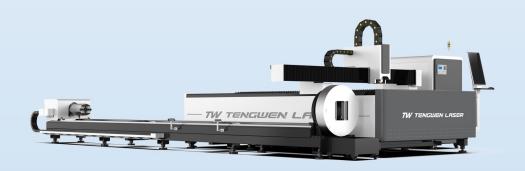


Model	P3015	P4015	P6015	P4020	P6020	P6025	P8020	P8025	
Working Area	3050*1530mm	3050*1530mm 4050*1530mm 6050*1530mm 4050*2030mm 6050*2030mm 6050*2530mm 8050*2030mm 8050*2530							
Laser Power		1.5-60kw							
Accuracy Of Positioning		± 0.03mm							
Repeat Repositioning Accuracy				± 0.0	2mm				
Max Movement Speed	120m/min								
Maximum Acceleration		1.5G							



FT-Single Table Plate and Tube Fiber Laser Cutting Machine

ET-Exchange Table Plate and Tube Fiber Laser Cutting Machine

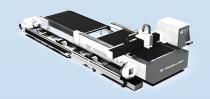
















Model	FT3015	FT4015	FT6015	FT4020	FT6020	FT6025	FT8020	FT8025	
Plate Working Area	3050*1530mm	4050*1530mm	6050*1530mm	4050*2030mm	6050*2030mm	6050*2530mm	8050*2030mm	8050*2530mm	
Tube Working Area		6/9/12m, ф10-ф225mm,□10- □225mm							
Laser Power	1.5-6kw								
Accuracy Of Positioning				± 0.0	3mm				
Repeat Repositioning Accuracy				± 0.0	2mm				
Max Movement Speed	100m/min 120m/min								
Maximum Acceleration	1.5G								

Model	ET3015 ET4015 ET6015 ET4020 ET6020 ET6025 ET8020 ET8025							
Plate Working Area	3050*1530mm	3050*1530mm 4050*1530mm 6050*1530mm 4050*2030mm 6050*2030mm 8050*2030mm 8050*2030mm 8050*2030mm						8050*2530mm
Tube Working Area		6/9/12m, ф10-ф225mm,□10- □225mm						
Laser Power	1.5-6kw							
Accuracy Of Positioning		± 0.03mm						
Repeat Repositioning Accuracy				± 0.0	2mm			
Max Movement Speed	100m/min 120m/min							
Maximum Acceleration		1.5G						



PT-Protective Exchange Table Plate and Tube Fiber Laser Cutting Machine

G-Ground Orbit Fiber Laser Cutting Machine

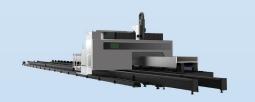














Model	PT3015	PT4015	PT6015	PT4020	PT6020	PT6025	PT8020	PT8025	
Plate Working Area	3050*1530mm	3050°1530mm 4050°1530mm 6050°1530mm 4050°2030mm 6050°2030mm 8050°2030mm 8050°2030mm 8050°2030mm							
Tube Working Area		6/9/12m, ф10-ф225mm,□10- □225mm							
Laser Power		1.5-6kw							
Accuracy Of Positioning		± 0.03mm							
Repeat Repositioning Accuracy				± 0.0	2mm				
Max Movement Speed	100m/min 120m/min								
Maximum Acceleration	1.5G								

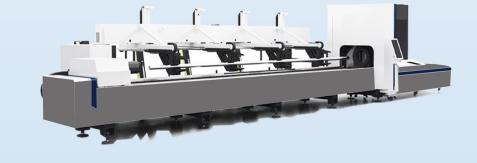
Model	G12532	G12532 G16532 G20532 G24532 G12540 G16540 G20540 G24540							
Working Area	12550*3250mm	12550*3250mm 16550*3250mm 20550*3250mm 24550*3250mm 12550*4050mm 16550*4050mm 20550*4050mm 24550*4050mm							
Laser Power		6-60kw							
Accuracy Of Positioning		± 0.01mm							
Repeat Repositioning Accuracy				± 0.0	5mm				
Max Movement Speed	80m/min								
Maximum Acceleration		0.8G							



T-Tube Fiber Laser Cutting Machine

TA-Autoloading Tube Fiber Laser Cutting Machine













	T6016	T6023	T6035	T9023	T9035	T12035	T12050		
Maximum cutting length	6300mm			9300	Omm	12300mm			
Effective cutting diameter of round tube	φ 10mm- φ 160mm	ф 15- ф 230mm	φ 15- φ 350mm	ф 15- ф 230mm	ф 15- ф 350mm	ф 15- ф 350mm	ф 15- ф 500mm	ф 20-590mm	
Effective Cutting Diameter Of Square Tube	□10-□160mm	□15-□230mm	□15-□350mm	□15-□230mm	□15-□350mm	□15-□350mm	□15-□350mm	□20-400mm	
Laser Power			1-6kw			3-12kw			
Accuracy Of Positioning	± 0.01mm			± 0.03mm			± 0.05mm		
Maximum Simultaneous Positioning Speed	120m/min	120m/min	80m/min	120m/min	80m/min	80m/min	60m/min	50m/min	
Y-axis maximum acceleration	1.5G	1.5G	0.8G	1.5G	0.8G	0.8G	0.6G	0.5G	

Model	TA6016	TA6023	TA6035	TA9023	TA9035	TA12035	TA12050	TA12060	
Maximum cutting length	6300mm			9300mm		12300mm			
Effective cutting diameter of round tube	φ 10mm- φ 160mm	ф 15- ф 230mm	φ 15- φ 350mm	φ 15- φ 230mm	ф 15- ф 350mm	ф 15- ф 350mm	ф 15- ф 500mm	ф 20-590mm	
Effective Cutting Diameter Of Square Tube	□10-□160mm	□15-□230mm	□15-□350mm	□15-□230mm	□15-□350mm	□15-□350mm	□15-□350mm	□20-400mm	
Laser Power			1-6kw			3-12kw			
Accuracy Of Positioning	± 0.01mm			± 0.03mm			± 0.05mm		
Maximum Simultaneous Positioning Speed	150m/min	120m/min	80m/min	120m/min	80m/min	80m/min	60m/min	50m/min	
Y-axis maximum acceleration	1.5G	1.5G	0.8G	1.5G	0.8G	0.8G	0.6G	0.5G	



WW-Water Cooling Fiber Laser Welding Machine









Model	WW-1000	WW-1500	WW-2000	WW-3000			
Laser Power	1000W	1500W	2000W	3000W			
Laser Wavelength	1064±10nm						
Machine Power	≤5.5KW	≤7.5KW	≤9.5KW	≤13.5KW			
Operating Environment temperature range			10-40°C				
Working Environment humidity range		< 70	% No condensation				
Welding Line Requirements			≤0.5mm				
Max Welding Speed	0-120mm/s						
Machine Size		1000×630×910mm		1200×630×960mm			

AW-Air Cooling Fiber Laser Welding Machine







Model	AW-80	AW-120	AW-150		
Limit output power (W)(At the current of 19A)	700	1000	1300		
Max.output power (W)(the current is 225A)	800	1200	1500		
Operating Mode		24h continous working			
Power Range(%)	10~100	10~100	10~100		
Central Wavelength(nm)	1080 ± 3	1080 ± 3	1080 ± 3		
Max.Modulation Frequency (kHz)	20				
Delivery Fiber Length (m)		Standard 5m or 10m customizable			
Control Model		Ext.AD/LOC.AD			
Ambient Humidity(%)		<90			
Ambient Temperature (C)		-60			
Cooling Method	Air cooling				
Size W*H*D (mm³)	273 × 614.9 × 396.3 273 × 634.9 × 527.7 273 × 634.9 × 527.7				
Weight (kg)	<34	<40	<43		



SW-Small Fiber Laser Welding Machine







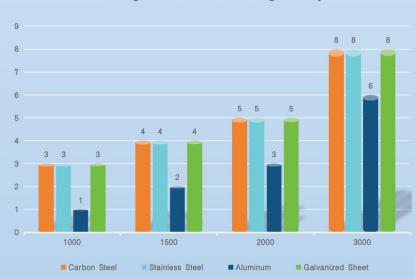


MODEL	SW1000	SW1500	SW2000	SW3000						
Laser source		Raycus / MAX / BWT								
Laser power	1000W 1500W 2000W 3000V									
Laser wavelength		1080nm								
Operating Mode		Continuous Welding								
Speed range	0-120mm/s									
Operating System		Handheld Welding System								
Working environment temperature range		10-40	o℃							
Humidity range Operating environment		< 70% non-c	condensing							
Welding gap requirements		≤0.8i	mm							
Welder Dimensions		970*595*825mm								
Machine Weight	125kg	125kg	134kg	155kg						

4-in-1 Welding System









Welding Parameter

				stainless ste					
Material and thickness (mm)	laser power(W)	Laser Frequency (HZ)	Duty cycle (%)	Swing frequency (HZ)	Swing length(mm)	wire feeding speed(mm/s)	Welding wire model	welding angle	form
stainless	500	3000	100	35	2	12	ER304. 0. 8	plane	penetr
steell.0 stainless	450	3000	100	35	2	12	ER304. 0. 8	interior	tion white
steel1.0 stainless	500	3000	100	35	2	12	ER304. 0. 8	angle Externa	75%pene
steel1.0								l angle	ration
stainless steell.5	550	3000	100	35	2	12	ER304. 0. 8	plane	penetr tion
stainless steel1.5	500	3000	100	35	2	12	ER304. 0. 8	interior angle	white
stainless steell.5	550	3000	100	35	2	12	ER304. 0. 8	Externa l angle	80%pene ration
stainless	1000	3000	100	35	2. 5	12	ER304. 1. 0	plane	peneti
steel2.0 stainless	800	3000	100	35	2. 5	12	ER304. 1. 0	interior	tion white
steel2.0 stainless	1000	3000	100	35	2. 5	12	ER304. 1. 0	angle Externa	70%pene
steel2.0								l angle	ration
stainless steel2.5	1200	3000	100	35	2. 5	12	ER304. 1. 0	plane	penet: tion
stainless steel2.5	1000	3000	100	35	2. 5	12	ER304. 1. 0	interior angle	white
stainless steel2.5	1200	3000	100	35	2. 5	12	ER304. 1. 0	Externa l angle	80%pene ration
stainless	1600	3000	100	35	3	12	ER304. 1. 2	plane	peneti
steel3.0 stainless	1350	3000	100	35	3	12	ER304. 1. 2	interior	tion white
steel3.0 stainless	1400	3000	100	35	3	12	ER304. 1. 2	angle Externa	85%pene
steel3.0								l angle	ration
stainless steel3.5	1800	3000	100	30	3	12	ER304. 1. 2	plane	penetr tion
stainless steel3.5	1500	3000	100	30	3	12	ER304. 1. 2	interior angle	white
stainless steel3.5	1600	3000	100	30	3	12	ER304. 1. 2	Externa l angle	85%pene ration
stainless	2700	3000	100	20	3. 5	12	ER304. 1. 6	plane	peneti
steel4.0 stainless	2000	3000	100	20	3. 5	12	ER304. 1. 6	interior	tion color
steel4.0 stainless	2500	3000	100	20	3.5	12	ER304. 1. 6	angle Externa	90%pene
steel4.0			0.0000	2000				l angle	ration
stainless steel5.0	3000	3000	100	15	4. 0	12	ER304. 1. 6	plane	peneti tion
stainless steel5.0	2200	3000	100	15	4. 0	12	ER304. 1. 6	interior angle	color
stainless steel5.0	2500	3000	100	15	4. 0	12	ER304. 1. 6	Externa l angle	85%pene ration
stainless	2600	3000	100	15	5	6	1.6	1 digit	ration
steel6.0 stainless	2800	3000	100	15	5	6	1.6		
steel7.0 stainless	2950	3000	100	15	5	5	1.6		
steel8.0	2000	0000	100				1.0		
Material and	laser	Laser	Duty cycle (%)	二. carbon stee	Swing	wire feeding	Welding	welding	form
thickness (mm)	power (W)	Frequency (HZ)		(HZ)	length(mm)	speed(mm/s)	wire model	angle	
carbon steel1.0	500	3000	100	35	2	12	ER304. 0. 8	plane	penetr tion
carbon steel1.0	450	3000	100	35	2	12	ER304. 0. 8	interior angle	white
carbon steel1.0	500	3000	100	35	2	12	ER304. 0. 8	Externa 1 angle	70%pene ration
carbon	550	3000	100	35	2	12	ER304. 0. 8	plane	penetr
steel1.5 carbon steel1.5	500	3000	100	35	2	12	ER304. 0. 8	interior	tion white
steel1.5 carbon	550	3000	100	35	2	12	ER304. 0. 8	angle Externa	85%pene
steell.5								l angle	ration
carbon steel2.0	700	3000	100	35	2. 5	12	ER304. 1. 0	plane	penetr tion
carbon steel2.0	600	3000	100	35	2. 5	12	ER304.1.0	interior angle	white
carbon	700	3000	100	35	2. 5	12	ER304. 1. 0	Externa	80%pene
steel2.0 carbon	850	3000	100	35	2. 5	12	ER304. 1. 0	l angle plane	ration penetr
steel2.5 carbon	750	3000	100	35	2. 5	12	ER304. 1. 0	interior	tion white
steel2.5								angle	
carbon steel2.5	750	3000	100	35	2. 5	12	ER304. 1. 0	Externa l angle	85penet ation
carbon steel3.0	1300	3000	100	35	3. 0	12	ER304. 1. 2	plane	peneti tion
carbon steel3.0	1100	3000	100	35	3. 0	12	ER304. 1. 2	interior angle	white
carbon	1300	3000	100	35	3. 0	12	ER304. 1. 2	Externa	75%pene
steel3.0 carbon	1650	3000	100	30	3. 0	12	ER304. 1. 2	l angle plane	ration penetr
steel3.5 carbon	1200	3000	100	30	3. 0	12	ER304. 1. 2	interior	tion white
steel3.5	1200	5000	100	50	5.0	14	LR504. 1. Z	angle	#111 CG

Innovation Drives Forward

carbon steel3.5	1200	3000	100	30	3. 0	12	ER304.1.2	interior angle	white
carbon	1500	3000	100	30	3. 0	12	ER304. 1. 2	Externa	85%penet
steel3.5 carbon	2400	3000	100	20	3.5	12	ER304. 1. 6	l angle plane	ration penetra
steel4.0 carbon	1800	3000	100	20	3. 5	12	ER304. 1. 6	interior	tion yellowi
steel4.0								angle	sh
carbon steel4.0	2000	3000	100	20	3. 5	12	ER304. 1. 6	Externa l angle	85%penet ration
carbon steel5.0	2700	3000	100	15	4. 0	12	ER304. 1. 6	plane	penetra tion
carbon steel5.0	2100	3000	100	15	4. 0	12	ER304. 1. 6	interior angle	color
carbon	2300	3000	100	15	4. 0	12	ER304. 1. 6	Externa	80%penet
steel5.0 carbon	2600	3000	100	15	5	7	1.6	l angle	ration
steel6.0 carbon	2800	3000	100	15	5	5	1.6		
steel7.0									
carbon stee18.0	2950	3000	100	15	5	4	1.6		
Material and	laser	Laser	Duty cycle (%)	三. Galvanized sl Swing frequency	heet Swing	wire feeding	Welding	welding	form
thickness (mm) Galvanized	power (W) 540	Frequency (HZ)	100	(HZ) 20	length(mm)	speed (mm/s)	wire model ER304.0.8	angle plane	penetra
sheet1.0									tion
Galvanized sheet1.0	540	3000	100	20	2	12	ER304. 0. 8	interior angle	white
Galvanized sheet1.0	540	3000	100	20	2	12	ER304. 0. 8	Externa l angle	70%penet ration
Galvanized sheet1.5	690	3000	100	20	2	12	ER304. 0. 8	plane	penetra tion
Galvanized	660	3000	100	20	2	12	ER304. 0. 8	interior	white
sheet1.5 Galvanized	690	3000	100	20	2	12	ER304. 0. 8	angle Externa	75%penet
sheet1.5 Galvanized	1200	3000	100	20	2. 5	12	ER304. 1. 0	l angle plane	ration penetra
sheet2.0 Galvanized	1200	3000	100	20	2. 5	12	ER304. 1. 0	interior	tion white
sheet2.0								angle	
Galvanized sheet2.0	1200	3000	100	20	2. 5	12	ER304. 1. 0	Externa l angle	85%penet ration
Galvanized sheet2.5	1500	3000	100	20	2. 5	12	ER304. 1. 0	plane	penetra tion
Galvanized sheet2.5	1500	3000	100	20	2. 5	12	ER304. 1. 0	interior angle	white
Galvanized	1500	3000	100	20	2. 5	12	ER304. 1. 0	plane	80%penet
sheet2.5 Galvanized	1900	3000	100	15	3. 0	12	ER304. 1. 2	plane	ration penetra
sheet3.0 Galvanized	1700	3000	100	15	3. 0	12	ER304. 1. 2	interior	tion white
sheet3.0 Galvanized	1900	3000	100	15	3. 0	12	ER304. 1. 2	angle Externa	85%penet
sheet3.0				四.aluminum allo				l angle	ration
Material and	laser	Laser	Duty cycle (%)	Swing frequency	Swing	wire feeding	Welding	welding	form
thickness (mm) aluminum	power (W) 600	Frequency (HZ) 3000	100	(HZ) 35	length(mm)	speed(mm/s) 15	wire model ER5356.0.8	angle plane	Double
alloy1.0									sided molding
aluminum alloy1.0	500	3000	100	35	2	15	ER5356. 0. 8	interior angle	white
aluminum	550	3000	100	35	2	15	ER5356. 0. 8	Externa l angle	75%penet
alloy1.0 aluminum	750	3000	100	35	2. 5	15	ER5356. 0. 8	plane	ration Double
alloy1.5									sided molding
aluminum alloy1.5	650	3000	100	35	2. 5	15	ER5356. 0. 8	interior angle	white
aluminum alloy1.5	700	3000	100	35	2. 5	15	ER5356. 0. 8	Externa l angle	75%penet ration
aluminum	1050	3000	100	35	2. 5	15	ER5356. 1. 0	plane	Double
alloy2.0									sided molding
aluminum alloy2.0	900	3000	100	35	2. 5	15	ER5356. 1. 0	interior angle	white
aluminum alloy2.0	950	3000	100	35	2. 5	15	ER5356. 1. 0	Externa l angle	85%penet ration
aluminum alloy2.5	1260	3000	100	35	2. 5	15	ER5356. 1. 0	plane	Double sided
aluminum	1000	3000	100	35	2.5	15	EDE356 1 0	interior	molding white
alloy2.5	1000	3000	100		2. 5		ER5356. 1. 0	angle	
aluminum alloy2.5	1100	3000	100	35	2. 5	15	ER5356. 1. 0	Externa l angle	80%penet ration
aluminum alloy3.0	1500	3000	100	35	3. 5	10	ER5356. 1. 2	plane	Double sided
aluminum	1050	3000	100	35	3. 0	15	ER5356. 1. 2	interior	molding white
alloy3.0	<u> </u>				1	1		angle	
aluminum alloy3.0	1200	3000	100	35	3. 0	15	ER5356. 1. 2	Externa 1 angle	penetrat ion80%
aluminium4.0	1700	3000	100	20	3. 5	12	1.6		



WC-Water Cooling Fiber Laser Cleaning Machine









Raycus / MAX / BWT 1000W 1500W 3000W Laser Power 2000W Fiber cable Length 10M Clean Speed ≤40 M²/Hour 220V/2P 220V/2P 380V/3P 380V/3P Voltage 5-40℃ Working Environment Temperature 0-1000W 0-1500W 0-2000W 0-3000W Power Adjustment Rang Dimensions 998*550*931mm Weight 160KG 160KG 160KG

PC-Air Cooling Pulse Laser Cleaning Machine









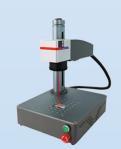
MODEL	HTCM100	HTCM200	HTCM300	HTCM500
Laser Power	100W	200W	300W	500W
Pulse frequency range	1-4000khz	1-4000khz	1-4000khz	40-3000khz
Maximum pulse energy	1.5mJ	1.5mJ / 5mJ	1.5mJ / 5mJ / 15mJ	15mJ
Pulse Width	2-500ns Adjustable	2-500ns	2-500ns	30-500ns
Fiber Cable Length	3 Meters	5 meters	5 meters	10 meters (customizable)
Laser wavelength	1070nm	1064nm	1064nm	1064-1070nm
Operating temperature range		5℃ -	40℃	
Machine size	617mm*469mm*291mm	560*640*1000mm	570*650*1030mm	980mm*580mm*980mm
Net weight	28KG	58kg	67kg	180kg



PM-Portable Fiber Laser Marking Machine









MODEL	PM20	PM30	PM50	PM60	PM100				
Output Power	20W	30W	50W	60W	100W				
Overall Power Consumption	460W	490W	550W	580W	700W				
Supply voltage			110V/220V、50/60Hz						
Galvo Head		Sino RC 1001							
Marking Area		110mm*110mm/200*200mm/300*300mm							
Marking Linewidth		0.025mm							
Minimum Character Size			0.15mm						
Power Adjustment Range(%)			0-100%						
Marking Speed			0-1500mm/s						
Fiber Cable Length			3m						
Laser Wavelength			1064nm						
Control Software			EZCAD2						
Machine Dimensions		350mm*600mm*380mm							
Laser Source		MAX/Raycus/JPT							
Machine Weight			35Kg						

DM-Desktop Fiber Laser Marking Machine





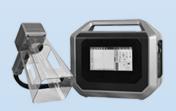


Model	DM20	DM30	DM50	DM60	DM100		
Output Power	20W	30W	50W	60W	100W		
Overall Power Consumption	460W	490W	550W	580W	700W		
Supply Voltage			110V/220V、50/60HZ				
Galvo Head			RC 1001				
Laser Source		JPT/MAX/RAYCUS					
Maximum Pulse Energy	0.8mJ	0.8mJ	1.25mJ	1.5mJ	1.5mJ		
Frequency Adjustable Range	1-600kHz	1-600kHz	1-600kHz	1-4000kHz	1-4000kHz		
Laser Wavelength			1064nm				
Beam Diameter			7 ± 0.5mm				
Marking Area		100*1	00mm/200*200mm/300*3	00mm			
Power Adjustment Range(%)			0-100%				
Fiber Cable Length			3m				
System Software			EZCAD2				
Machine Dimensions			600*775*1430mm				
Machine Weight			70Kg				



HM-Handhel Fiber Laser Marking Machine









Model	HM-Mini20	HM-Mini30	HM-Mini50	HM20	HM30	HM50			
Output Power	20W	30W	50W	20W	30W	50W			
Overall Power Consumption	460W	490W	550W	460W	490W	550W			
Supply voltage		110V/220V 50/60Hz							
Galvo Head	ZBTK ZBTK RC 1001								
Marking Area		120mm*80mm							
Marking Linewidth		0.01mm-0.1mm							
Minimum Character Size			0.15	5mm					
Power Adjustment Range(%)			0-100(Gradie	nt Adjustable)					
Marking Speed			0-700	0mm/s					
Fiber Cable Length			3	m					
Laser Wavelength		1064nm							
Machine Dimensions	270mm*155mm*245mm 350mm*600mm*380mm					n			
Machine Weight		8.25Kg			40Kg				

SM-Split Fiber Laser Marking Machine







MODEL	SM20	SM30		SM60	SM100				
Output Power	20W	30W	50W	60W	100W				
Overall Power Consumption	460W	490W	550W	580W	700W				
Supply voltage		110V/220V、50/60Hz							
Galvo Head		Sino RC 1001							
Marking Area		110mm*110mm/200*200mm/300*300mm							
Marking Linewidth			0.025mm						
Minimum Character Size	0.15mm								
Power Adjustment Range(%)			0-100%						
Marking Speed			0-1500mm/s						
Fiber Cable Length			3m						
Laser Wavelength			1064nm						
Control Software			EZCAD2						
Machine Dimensions			350mm*600mm*380mm						
Laser Source		MAX/Raycus/JPT							
Machine Weight	-		35Kg						



FM-Flying Fiber Laser Marking Machine



Model	FM20	FM30	FM50	FM60	FM100			
Power	20W	30W	50W	60W	100W			
Laser source		JPT/MAX/Raycus		JF	PT			
Galvanometer			Sino RC1001					
Laser quality	< 1.5m²	< 1.5m²	< 1.8m²	< 1.5m²	< 1.4m²			
Chain cable length	2m	2m	3m	3m	3m			
Average output power	> 20W	> 30W	> 50W	> 60W	> 100W			
Maximum pulse energy	0.8mJ	0.8mJ	1.25mJ	1.5mJ	1.5mJ			
Frequency range	1-600kHz	1-600kHz	1-600kHz	1-4000kHz	1-4000kHz			
Marking area			110mm*110mm					
Supply voltage	24V	24V	24V	24V	48V			
Supply current	> 5A	> 7A	> 10A	> 13A	> 8A			
Maximum power consumption	< 110W	< 150W	<220W	< 300W	< 400W			
Center wavelength			1064nm					
Beam diameter			7 ± 0.5mm					
Power regulation range		0-100%						
Machine weight		90kg						
Machine dimensions			980*740*1360mm	·	·			

CO2 UV MOPA-Laser Marking Machine





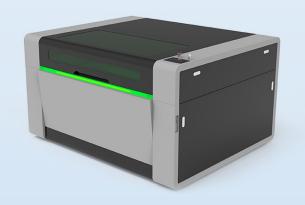




MODEL	UV-3	UV-5	UV-15	CO2-30	CO2-40	CO2-60	MOPA-20	MOPA30	MOPA-60	MOPA-100
Power	3W	5W	15W	30W	40W	60W	20W	30W	60W	100W
Laser source	JPT				Davi			JPT/G	ZTECH	
Central wavelength		355nm		10.6 _µ m 1064nm						
Frequency range	20 -150 kHz	20 -150 kHz	> 15W@60kHz	0-25KHZ /						
Marking area	110*110mm/200*200mm/300*300mm									
Beam quality		M²≤1.2		/	M ² <1.3	M ² <1.2	< 1.4m²	< 1.4m²	< 1.5m²	< 1.6m²
Beam diameter		0.55 ± 0.15r	mm		1.8 ± 0.2mm			7 ± 0	.5mm	
Galvo head	RC7	'110	FEELTEK FR20-F				RC1001			
Machine net weight			35kg							
Size	600*350	*830mm	1300*600*200mm			;	350*600*830mr	n		



CO2-CO2 Laser Engraving & Cutting Machine







Model	TW-CO2 3020	TW-CO2 4060	TW-CO2 6090	TW-CO2 1390	TW-CO2 1812	TW-CO2 1325				
Working Area	300*200mm	400*600mm	600*900mm	1300*900mm	1800*1200mm	1300*2500mm				
Laser Power		40/50/60/80/100/130/150/300w								
Engraving Speed		0-18000mm/min								
Cutting Speed			0-6000	mm/min						
Positioning Accuracy		± 0.01mm								
CO2 Laser Tube			Reci/EF	R/Yongli						

CNC Router-Wood/Stone CNC Router Machine









Model	TW-C 4040	TW-C 4060	TW-C 6090	TW-C 1313	TW-C 1325		TW-C 2030	TW-C 2040			
Working Area	400*400mm	400*600mm	600*900mm	1300*1300mm	1300*2500mm	1500*3000mm	2000*3000mm	2000*4000mm			
Spindle Power		800W/1.5KW/2.2KW/3KW/3.5KW/4.5KW/5.5KW/6KW/7.5KW/9KW/12KW									
Max. Rapid Travel Rate		33000mm/min									
Max. Working Speed				25000r	nm/min						
X,Y,Z repositioning Accuracy		±0.01mm									
Spindle Brand		HQD/HSD									



CNC Lather-VMC









Specifications	VMC650	XK7136C	VMC850	VMC855	VMC1060	VMC1160		VMC1580	VMC1890
Working table size	420×800	1250×360	500×1000	550×1000	600×1300	600×1200	700×1400	800×1600	900×2000
Left and right stroke (X)	600	950	800	800	1000	1100	1300	1500	1800
Before and after the trip(Y)	420	400	500	550	600	600	700	800	900
Up and down trip(Z)	500	500	550	550	600	600	700	700	680
Spindle center to column guide distance	550	460	556	595	655	650	755	855	950
Spindle face to table distance	80-580	100-600	120-620	120-670	180-780	120-720	120-820	150-850/900	160-840
T-slot (number/width/pitch)	3/18/2010	3/18/80	5/18/90	5/18/90	5/18/2020	5/18/2000	7/18/2000	7/18/2010	5/22/165
Spindle specifications	BT40	BT40	BT40	BT40	BT40/150	BT40/BT50	BT40/BT50	BT50	BT50
Spindle speed	8000	60-8000/200-6000	8000	8000	8000	60-8000/200-6000	60-8000/200-6000	6000	8000
The fastest speed of X.Y.Z axis	24/24/24	10/10/8	24/24/24	48/48/48	15/15/15	36/36/30	30/30/24	20/20/20	15/15/15
Main motor	7.5	7.5	7.5	7.5	7.5-11	11	11	15/18.5	15-18.5
Cutting feed rate	1-5000	1-2000	1-10000	1-10000	1-10000	1-10000	1-10000	1-10000	1-10000
positioning accuracy	0.010	0.02	0.010	0.010	0.010	0.010	0.010	0.015	0.015
Repeatability	0.006	0.01	0.006	0.006	0.006	0.006	0.006	0.010	0.010
Workbench bearing	500	500	400	500	800	800	1000	1000	1600
Machine size	2300×2200×2490	2220×1850×2350	2500×2240×2350	2500×2240×2450	3250×2700×2700	3150×2530×2450	3500×2530×2600	4200×3000×2900	5100×3800×3200
Machine tool weight(approx.)	4500	4600	5500	5500	800C	10000	12000	15000	16000

CNC Lather- CK/CAK







Specifications	CK6130	CK6132	CK6136	CK6140	CK6150	CK6180	
Max.swing over bed nm	φ300	Ф320	Ф360	φ400	φ500	Φ800	φ1000
Swing over cross slide mm	φ100	Φ90/φ110	φ190	φ210	φ295	φ480	φ660
Max.processing length nm	260/320	290/400	650/850/1450	650/850/1450	650/850/1450	1400/2900/4900	1400/2900/4900
X/Z axis trave mm	300/350	300/380	X:220 Z:750/1000/1500	X:240 Z:750/1000/1500	X:300 Z:750/1000/1500	X:450 Z:1500/3000/5000	X:530 Z:1500/3000/5000
Spindle nose	Φ41		C6	C6	C6	C11	C11
Spindle bore mm	2500	2500	52	52	52	φ105	φ130
Spindle taper	160	160	MT6	MT6	MT6	120-1:20	140-1:20
Spindle motor kW	4		4	4	5.5	11	15
X/Z axis feed motor torque	X:4 Z:4	X:4 Z:4	4/6	4/6	4/6	10/15(30)	15/22
X/Z Rapid traverse m/min	X:8 Z:10	X:8 Z:10	X:4 Z:6	X:4 Z:6	X:4 Z:6	4/5	4/5
X/Z axis repeatability mm	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
Tailstock sleevedia. nm	Ф52	D60	65	65	75	φ100	φ100
Quill traverse nm	90	100	120	140	140	250	250
Quilltape	MT4	MT4	MT4	MT5	MT5	MT6	MT6
Cutting tool shape size mm	6×16	16×16	20×20	25×25	25×25	32×32	40×40
Machine dimension(LxW×H) nm	1600×1100×1650	1750×1150×1650	2500×1500×1650	2500×1500×1650	2500×1500×1690	3300/3800/4300×2000×2000	4750/5500/8500×1920×1800
Net.weight (about) kg	950	1200	1550	1800	2150	3900/4500/5400	6000/8500/13500