



# ANSHU ENTERPRISES





## **CNC ROUTER SPARE PARTS**



DUST COLLECTOR DOUBE BAG



SPINDLE WATER COOLED



SPINDLE AIR COOLED



STEPPER MOTOR



STEP DRIVER



TIMING PULLY 20 TEETH



COLLET & TOOLS



MOTOR



CHAIN



DSP CONTROLLER



HELICAL RACK 1.25 MODULE



STEP DRIVER



LM BLOCKS



HELICALGEAR BOX STEPPER MOTOR

## **LASER SPARE PARTS**



Co2 LASER TUBE



Co2 LASER TUBE (RED)



MIRROR



LENS



STEPPER MOTOR



CHILLER



RD CONTROLER



CCD RD CONTROLER



**CABLE CHAIN** 





HONYCOMB TABLE



AIR COMPRESSOR



LASER HEAD



AIR BLOWER



LASER RF



3 FACE YAKO DRIVE UVW



**BJJCZ MAINBOARD** 



**ROTORY SET** 



**RAYCUS LASER** SOURCE



MAX LASER



DM 1530 Fiber Laser Cutting Machine



### **FEATURES**

### 1. HIGH PRECISION MACHINE WORKTABLE

The Deviation of worktable levelness is with  $\pm$  0.01mm. So the worktable will be hard to be out of shape during a longer period working

Brand Assurance

### 2. HIGH CUTTING ACCELERATION AND PRECISION

Max cutting acceleration for this machine can be to 1.5G, which can ensure the machine cuts corner or turning points very smoothly, higher cutting precision and speed.

### 3. INTELLIGENT DUST & PARTICLES EXTRACTION SYSTEM

It help to extract the dust and metal particles to protect the laser equipment. This Design can concentrate the extraction power onto the only one working cell to increase the extraction capacity.

### 4. SOLID MACHINE BODY

Heat treatment to strengthen the intensity and stiffness of base. Its structure matches industrial machine tool standard with high accuracy and rigidity, and machine mechanical steel has been completely removed during the welding of process of welding and machining

#### **TECHNICAL PARAMETERS** Model DM-1530 Accelerated Speed 1,5G Working Area 1500x3000mm Positioning Accuracy ±0.01mm/m Laser cutting control system CypCut 2000 The Best Running Speed 0-20m/min **Laser Cutting Head** RAYTOOLS Head Auto focus BM110 The Max Running Speed 60m/min **Laser Device** Raycus/Max Max Cutting Speed 50m/min (up to material thickness, machine power) Servo Motor Taiwan DELTA Servo Motor **Cooling Way** Water Cooling 1.5Plor 1000W 2P for 1500W (Double Temperature Dual Control) Driver Delta Water tank Stainless Steel Galvanized sheet/Carbon steel Aluminum and others metal Applicable material Italy Motovario Reducer **Transmission** Taiwan SHAC guide rail China The whole machine power 1000W-16KW **Computer With** Lance Lance Leadrack/Taiwan YYC gear and rack Wifi function available Original laser Software Proportional valve USA II-VI Water chiller, Exhaust Blower, Protective mirror Standard accessory

Power supply

aluminum brass 02-carbon steel (cutting with gas is better than cutting with air compressor, but use air compressor, the cost will be lower)

## **SAMPLES**

Solenoid valve

Gas



Japan SMC

N2-stainless steel or less than 2mm carbon steel



380V/50HZ



DM 1325 Co2 Laser Cutting Engraving Machine



## **FEATURES**

- 1. Using triangular structure on the bed's side, and with beam up and down in the middle which is stable and prevents deformation, ensuring that any corner off the machine evenly stressed, no deform for many years, guaranteed high accuracy.
- 2. Bed and X-axis beam with 6mm steel, machine's body is 1.5mm steel, wont be deform, maintain high precision for long time.
- 3. Rack and gears are precisely ground, wear-resistant and high-precision.
- 4. Helical gear reducer is 81 I when other use 31 TT reducer, much better quality and high precision.
- 5. Smoke exhaust system can move with head for better exhausting result.

TECHNICAL PARAMETERS				
Model DM-1325 Master Laser		Control Software	Rdworks V8	
Working Area	1300x2500mm/2000x3000mm	Working Table	BLade	
Laser Tube Brand	Reci/EFR	Cutting Speed	0-600mm/s	
Laser Power	80w/100w/130w	Engraving Speed	0-1200mm/s	
Cutting Head	Single/Dual/Four Optional	Reposition Accuracy	0.01mm	
Cooling System	Water Cooling	Minimum Letter Size	English 1mm	
Stepper Driver Motor Brand	Yako-AS3-10BAI	Supported Format	BMP, HPGL (PLT), DXF, G-code, DTS, AI	
Control System Brand	RDC6445G	Power Supply	Single Phase AC 220V 50HZ	

### **Body Structure**

**Ours Machine Body Photo** 



Other Machine Body Photo

- 1. Raw material Steel Pipe 6mm VS 3mm
- 2. Triangular stronger supporting frame on sides and/increased stronger supporting beam on top and bottom, VS others Simple and regular frame.
- 3 No heating deformation even working many years

### **Hardware Set**

Quality Parts Extend Machine Using Life



High quality hardware set, casting parts+Brass pully (Not Aluminum)

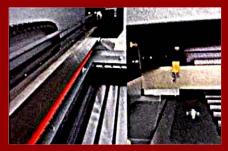
### **Auto Smoke Exhaust System**



- 1. Smoke exhaust system will work with laser head together, wherever head working it will work in same area, so 100% smoke will be exhausted in time with higher efficiency:
- VS regular machine exhaust system is only installed on fixed position. So collecting efficiency will be lower too much;

### Rail System

Top quality aluminum and more thick rail system ensure moving stability during high speed or hard working process





### **Servo Motor Driver System**

Yako Servo system ensure more powerful cutting capability and more higher precision finish

- 1. VS step motor system
- Step system sometimes lose engraving steps when working. But servo never, Because Step motor torsion value become lower when RPM value going higher, But servo can maintain same torsion value always (lower torsion value will directly make machine lose working steps) Then precision value come down;
- 3. Servo system working voice more quiet and reaction speed more fast



CUT ENGRAVE CORK MDF RUBBER LEATHER **FABRIC** ACRYLIC ROWMARK PAPER

ENGRAVE GRANITE CERAMIC MARBLE WOOD **GLASS** COATED

© ABS POLYSTYRENE

# LASER CUTTING & ENGRAVING



AAK 1410 Blue/White 1400x1000mm 100W 130W



AAK 1410 Grey/White 1400x1000mm 150W 100W / 130W Same Model Available AAK 9060: 500x600 80W/100W



DM 1325 Black/White 1300x2500mm 130W 150W



DM 1325 White/Blue 1300x2500mm 130W | 150W Wide Range to Sult Your Needs

**High Quality Cutting & Engraving Copper Pulleys** 

**Easy-to-Use Control Panel** 

**Programmable Origin** 

Latest 3" generation QO, Laser Tube

**Electronic Sensors for Helght Adjustment** 

**Pass Through Doors** 

Internal LED Light

·Creative LASER

# MACHINES



#### **Honeycomb**

loneycomb aluminium grid is used for cutting thinner or softer materials which need additional support whilst cutting. The honeycomb table also minimizes beam reflection and aids with the ventilation to ensure a longer lifespan of the lens.



#### LaserWorks v8

LaserWorks is a powerful program that allows you to perform laser cutting engraving operations. It supports drawing points, lines, polyline, ellipse/circle, rectangular/square, Bezier curve, text, and for CAD models such as DXF, Al and PLT.



#### **Cooling Unit**

CO2 Laser tubes produce heat when operational. The cooling unit ensures that the tube stays within optimal temperature while in operation. This ensures a constant and safe laser output from your CO2 tube.



#### **Rotary Attachment**

The rotary attachment opens up a world of new possibilities with your laser machine. Enabling you to cut or engrave on round objects is made possible with the laser machine. The rotary attachments enables you to engrave on glasses, bottles etc.



### Air Extraction System

The air extraction system removes smoke and toxic fumes which may be produced when using the laser machine. This is to prevent the operator from inhaling any of these



### **Air-Assist Compressor**

The rotary attachment opens up a world of new possibilities with your laser machine. Enabling you to cut or engrave on round objects is made possible with the laser machine. The rotary attachments enables you to engrave on glasses, bottles etc.





















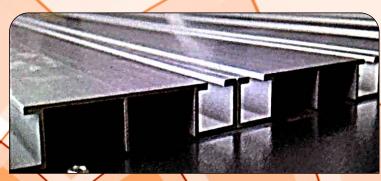
Widely used in 3D carved plates with wave patterns. cabinet door, craft wooden door, non-painting wooden door, screen, craft windows, computer desk and panel furniture auxiliary processing, etc. Can engrave brass, aluminum, ACP Board, MDF, Wood, Corian, iron, plastic board, PVC, acrylic, etc.

#### **TECHNICAL PARAMETERS** DM-1325A CNC WOOD ROUTER **Platform** Model T-Slot 3mm Aluminum 1300x2500mmx300 **Working Area** X,Y, Z Guide Rall China TOP brand X.Z. 20mm Y- 25mm 3.2KW/3.5KW/4.5KW/5.5KW/6KW Rack **Spindle Power** One/Two/Three No. of Spindles **Inverter Brand** BEST (Option: FULING) **Control System** NC (Option: DSP) **Max Engraving Speed** 6000-24000rmp Moto 4508/4500 stepper motor or Hybrid servo **Maxing Moving Speed** 10000mm/min Yako 2608/2811 stepper driver Driver Or Hybnd servo **Tool Diameter** φ3.175, φ4, φ6, φ12 **Dust collector** Optional **Engraving Instruction** HPGL, G code **Working Voltage** AC220V/50HZ (AC can use 380V)

## **DETAILES**



Machine body is using 6mm steel, move stably even put heavy material on it, no shake



3mm alurinum table, make machine stronger and more stable



Machine with thicker sheet metal, stronger and more stable



The machine adopts 1.5M rack and 25mm guide rail, more stable operation



The head with a dust cover to protect the spindle from dust and debris, smooth running and long life



Machine installed indicator light, it will show machine working condition clearly, more convenient for using.

### **DETAILES**





# ANSHU ENTERPRISES



- Y axis with double motor drives ensured stable and smooth movement.
- → High precision rack gear transition ensures fast speed and high accuracy.
- → Welded structure by thick profiled steel, ensures minimum distortion, excellent rigidity and powerful strength.
- → Adopted spare parts of high quality to slow the fault rate.
- → Equipped with powerful spindle motor to make sure a powerful cutting and steady movement.
- → Electrical protection device provided, the machine can save the original cutting or engraving work after outage.

### **APPLICATIONS**

Widely used in 3D carved plates with wave patterns. cabinet door, craft wooden door, nonpainting wooden door, Screen, craft windows, computer desk and panel furniture auxiliary processing, etc.

Can cut and engrave brass, aluminum, ACP, plastic board, MDF, acrylic, etc.



#### **Water Cooled Spindles**

water cooled spindles are perfecr for smaller machines that can be used in private garages at home, due to the low noise. it keeps cool even when runing at lower RPM. it somes with a water pump for the machine.



#### **Air Cooled Spindles**

Air cooled spindles for CNC machines are great for manufacturing and industrial use. The higher power rating maes it perfect for continuous cutting of wood and other harder materials whilst still keeping the ability to cut softer plastics etc.



#### RichAuto A11S Handset

RichAuto A11s DSP handset is a powerful controller for CNC machines that is compatible with any software package that produces g-code. Easy to use and reliable. It automatically saves the interval if a power outage occurs.



**NC STUDIO CARD** 



**VACUUM BRUSH** 



**DUST COLLECTOR** 



**COUPLING Z AXIS** 

TECHNICAL PARAMETERS				
Model	DM-1325A	Hiwin square Linear Rail		
Working Area	1300 x 2500 x 300mm	Platform T-Slat	X,Y,Z Guide Rail: Hiwin Square Liner Rail	
Maxing Moving Speed	laxing Moving Speed 10000mm/min Cross Beams		Steel	
Reposition Accuracy	<0.05mm/300mm	Machine Size	3000 x 2100 x1900mm	
Max Engraving Speed	6000-18000 rpm	Tool Diameter	φ3.175, φ4, φ6, φ12	
Spindle Power	3.5 kw air cooled	Feeding Height	300mm	
Driver	Yako 2811MA	Engraving Instruction	HPGL, G code	
Motor	CW-450C-150mm	Working Voltage	AC 380V Three Phase	









- → Y axis with double motor drives ensured stable and smooth movement.
- → High precision rack gear transition ensures fast speed and high accuracy.
- → Welded structure by thick profiled steel, ensures minimum distortion, excellent rigidity and powerful strength.
- → Adopted spare parts of high quality to slow the fault rate.
- → Equipped with powerful spindle motor to make sure a powerful cutting and steady movement.
- → Electrical protection device provided, the machine can save the original cutting or engraving work after outage.

### **APPLICATIONS**

Widely used in 3D carved plates with wave patterns. cabinet door, craft wooden door, nonpainting wooden door, Screen, craft windows, computer desk and panel furniture auxiliary processing, etc.

Can cut and engrave brass, aluminum, ACP, plastic board, MDF, acrylic, etc.



#### Water Cooled Spindles

water cooled spindles are perfecr for smaller machines that can be used in private garages at home, due to the low noise. it keeps cool even when runing at lower RPM. it somes with a water pump for the machine.



#### **Air Cooled Spindles**

Air cooled spindles for CNC machines are great for manufacturing and industrial use. The higher power rating maes it perfect for continuous cutting of wood and other harder materials whilst still keeping the ability to cut softer plastics etc.



#### RichAuto A11S Handset

RichAuto A11s DSP handset is a powerful controller for CNC machines that is compatible with any software package that produces g-code. Easy to use and reliable. It automatically saves the interval if a power outage occurs.



**NC STUDIO CARD** 



**VACUUM BRUSH** 



**DUST COLLECTOR** 



**COUPLING Z AXIS** 

TECHNICAL PARAMETERS				
Model	DM-1325A	X,Y, Z Guide Rall	Hiwin square Linear Rail	
Working Area 1300 x 2500 x 300mm Platform T-Slat X,Y,Z Guide Rail: Hiwin Sq		X,Y,Z Guide Rail: Hiwin Square Liner Rail		
Maxing Moving Speed	10000mm/min	Cross Beams	Steel	
Reposition Accuracy	<0.05mm/300mm	Machine Size	3000 x 2100 x1900mm	
Max Engraving Speed	6000-18000 rpm	Tool Diameter	φ3.175, φ4, φ6, φ12	
Spindle Power	pindle Power 3.5 kw air cooled Feeding Height 300mm		300mm	
Driver         Yako 2811MA         Engraving Instruction         HPGL, G code		HPGL, G code		
Motor	CW-450C-150mm	Working Voltage	AC 380V Three Phase	









- → Y axis with double motor drives ensured stable and smooth movement.
- → High precision rack gear transition ensures fast speed and high accuracy.
- → Welded structure by thick profiled steel, ensures minimum distortion, excellent rigidity and powerful strength.
- → Adopted spare parts of high quality to slow the fault rate.
- → Equipped with powerful spindle motor to make sure a powerful cutting and steady movement.
- → Electrical protection device provided, the machine can save the original cutting or engraving work after outage.

### **APPLICATIONS**

Widely used in 3D carved plates with wave patterns. cabinet door, craft wooden door, nonpainting wooden door, Screen, craft windows, computer desk and panel furniture auxiliary processing, etc.

Can cut and engrave brass, aluminum, ACP, plastic board, MDF, acrylic, etc.



#### **Water Cooled Spindles**

water cooled spindles are perfecr for smaller machines that can be used in private garages at home, due to the low noise. it keeps cool even when runing at lower RPM. it somes with a water pump for the machine.



#### **Air Cooled Spindles**

Air cooled spindles for CNC machines are great for manufacturing and industrial use. The higher power rating maes it perfect for continuous cutting of wood and other harder materials whilst still keeping the ability to cut softer plastics etc.



#### **RichAuto A11S Handset**

RichAuto A11s DSP handset is a powerful controller for CNC machines that is compatible with any software package that produces g-code. Easy to use and reliable. It automatically saves the interval if a power outage occurs.



**NC STUDIO CARD** 



**VACUUM BRUSH** 



**DUST COLLECTOR** 



**COUPLING Z AXIS** 

TECHNICAL PARAMETERS			
Model DM-1325A Working Volta		Working Voltage	AC 220V Single Phase
Working Area	1300 x 2500 x 300mm	Platform	Aluminum T-Solt
Maxing Moving Speed	10000mm/min	Cross Beams	Steel
Reposition Accuracy	<0.05mm/300mm	Machine Size	3000 x 2100 x1900mm
Max Engraving Speed	6000-18000 rpm	Tool Diameter	φ3.175, φ4, φ6, φ12
Spindle Power	3.5 kw air cooled	Feeding Height	300mm
Motor	tor CW Stepper Motor Engraving Instruc		HPGL, G code
x,y,z Guide Rail	Hiwin square Liner Rail	Drive	AC 380V Three Phase







# **CNC ROUTERS**



### **DM 1325S**

1.3m x 2.5m | 5.5kw Water Cool Spindle Heavy Table



### **DM 1325S**

1.3m x 2.5m | 5.5kw Water Cool Spindle Heavy Table



### **DM 1325A HYBRID**

1.3m x 2.5m | 3.2kw Water Cooled Spindle Aluminium Table



### DM 1325A HYBRID

1.3m x 2.5m | 3.2kw Water Cooled Spindle Aluminium Table Wide Range to Sult Your Needs

High Quality Cutting & Machining

One button Origin

Automatic Oll Pump\*

RichAuto A11s control system

Reinforced Steel Frame

**Efficient Stepper Motors** 

**High Quality Spindles** 

High Grade Aluminium Tables

Vacuum Tables\*



### Materials That Can Be Cut

ABS PVC WOOD BRASS

ALUMINIUM

HIGH DENSITY FOAM



### Water Cooled Spindles.

Water cooled spindles are perfect for smaller machines that can be used in private garages at home, due to the low noise. It keeps cool even when running at lower RPM. It comes with a water pump for the machine



### Air Cooled Spindles

Air cooled spindles for CNC macines are great for manufactring and Industrial use. The higher power rating makes it perfect for continuous cutting of wood and other harder materials whilst still keeping the ability to cut softer plastics etc.



#### Richauto A11s Handset

RichAuto A11s DSP handset is a powerful controller for CNC machines. that is compatible with software package that produces g-code. Easy to use and reliable. It automatically saves, the interval if a power outage occurs.

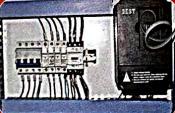


#### **Automatic Oil Pump**

The automatic oil pump takes away the need for you to manually lubricate the CNC router. The pump automatically lubricates the running gears and rails of the machine to ensure maximu efficiency and stapper maters last longer.



**VACUUM BRUSH** 



**BEST MOTHER BOARD** 



**DUST COLLECTOR** 



**COUPLING Z AXIS** 

















### DOUBLE BLADE ALTERNATING BENDING SYSTEM

According to the graphics changes inside and outside the arc, automatically switches the corresposding bending blade blade- reverse automatically back home, to avoid the bending- blade to interrupt corner finished, it is good at forming a small arc and a small angle. Bend part control adopts servo motor, adjusting by a linear, rigidity and torque of servo motor, bending radian and speed can be well controlled, and to ensure consistency with the duplicate files produced and effectively avoid the generation of surface marks. It can be a perfect match with laser, plasma machines, engraving machines.

#### ANGLE GRINDER SLOTTING DEVICE

No need to manually adjust the depth of the slot, the closed-loop system consists of OMRON photoelectric sensors with high sensitivity software components for real-time monitoring and compensated slotting part to ensure that each tank are kept at the same depth. The new structural design to correct the position of the sensor, to avoid sparks and dust due to dirty sensor when cutting slices generated, resulting in reduced light sensitivity or failure. With very thin stainless steel special cutting blade, it can control low cost



#### **ROLLER CONTINUOUS FEEDING DEVICE**

Rapid and sensitive, sustained response, shorten feeding time. Passive feed roller can be adjusted by pressure settings, and can be outstanding performance for different thickness of the material, to eliminate the material indentation due to excessive pressure. Relying length encoder and closed-loop control system eliminates material slippage. The file matching accuracy ± 0.1mm.

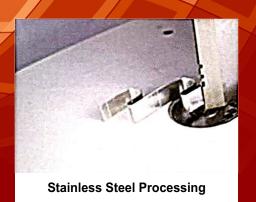


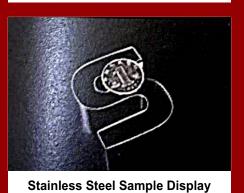


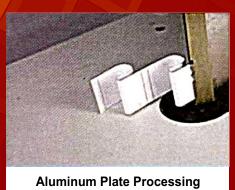
### THE INDUSTRY UNIQUE SOFTWARE SYSTEM

Software system developed by th Softwae Engineering Tianjin yuan, based in years of Industry experince and customer feedback, and continuously improve the software itself handling and human-computer interaction. Built-in closed loop detection and conventional plates data compensates the length and angle according to different materials elasticity and ductility, easily cope with daily processing. From the user's point of view, it will be a easy to use, easy to understand, user-friendly software delivered to you.

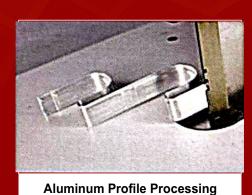
#### TECHNICAL PARAMETERS Roller- continuous device Precision ±0.1mm Feeding system DXF, PLT Slotting system Grinding wheel slotting File format Double blade alternating Bending system Machine size L1250xW680XH1430MM bending system Stainless steel galvanized plate, aluminum Suitable material Power AC220V 50hz 2.0kw Air Material height 0.6m3/Min Material thickness Stainless steel 1mm aluminum≤1.2mm Weight 400kgs Stainless steel, galvanized plate Aluminum R6 Mini bending angle

















1500W Fiber Handle **Laser Welding Machine** 

### **FEATURES**

- ➤ The electro-optic conversion efficiency is high.
- > Anti-high-reaction ability.
- ➤ Thin plate welding is efficient.
- ➤ Thick plate deep melting without splash.

- ➤ The output fiber length can be customized.
- ➤ Water cooling is more stable.
- ➤ Maintenance-free operation.
- ➤ Wide modulation frequency range.

### PRODUCT DESCRIPTION

Laser welding a high efficient precision welding method which is in the use of high energy density laser beam as a heat source. Laser welding is one of the important aspects of laser processing technology. Laser radiates and heats the workpiece surface, The surface heat diffuses to the inside through heat conduction, Then the laser makes the workpiece melting and form the specific welding pool by controlling the laser pulse width, energy, peak power and repetition frequency. Due to its unique advantages, It has been successfully applied to the precise welding for micro parts and small parts. Laser welding is fusing welding technology, laser welder puts laser beam as the energy source, and make it impact on the weldment joints to realize welding.



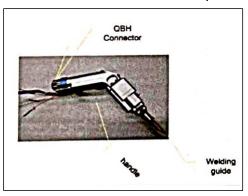
### **TECHNICAL PARAMETERS**

Laser source	Raycus	Handle	Aluminum hand-held, light and easy to Master
Laser power	1500W	Weave length	1080nm±5
Laser incidence	Coaxial	Power stability	±1.5%
Laser Wavelength	1080	Laser repetition frequency	50-50,000Hz
Collimated focal length	50mm	Beam quality	m²≤1.3
Focusing focal length	100mm	Red light indicates output power	0.1-1mW
Operating Voltage	AC 220V 50Hz	Fuber Core Diameter	25μm
Cross Power	≤5000W	Output cable length	10m
Gas Source	0.2Mpa (Nitrogen)	Operating Mode	continuously
Cooling Style	Water cooling	Interface Type	QBH

### **PRODUCT DETAILES**

The custom welding head is designed with the body engineering design method, fully considering the comfort of the customer for long-term use, and has the protective measures of the butt welding material to prevent the customer from accidentally injuring others, It is easy to install with drawer type protective lens, and it is convenient for customers to carry out maintenance. At the same time, nozzles with different angles can be configured to meet the needs of customers to weld different products.











### Three Parts: Cooling System + Power Case + Marble Table

### INTRODUCTION

It is mainly used for making metal letters, it is usually used with channel letter bending machine and laser cutting machine (plasma cutting machine).

- 1. Suitable materials: stainless steel, steel plate, iron plate, galvanized sheet, aluminum etc.
- 2. It can weld small and complex letters, it also can weld big letters max 2meters.
- 3. It is easy to operate and fast to weld letters.
- 4. No black point on the surface of letters.
- 5. No noise and no pollution

### **ADVANTAGES**

- 1. Marble table is smooth, heavy and stable, which is difficult to scratch letter surface.
- 2. Light path is dust proof to protect lens.
- 3. The specification of crystal bar is 7\*145mm.
  4. 1P water cooling system, it adopts Panasonic compressor. 20L volume, it is 304 s.s water tank.

TECHNICAL PARAMETERS			
Model	Laser Welding Machine 300W	Laser spot size adjusting range	0.2 <b>-</b> 4.0mm
Max laser power	300W/500w	Whole power consumption	≤7KW
Laser wave length	1064 nm	Power need	AC 380V
Mono Pulse Max power	110J	Standard configuration working table	800*1000mm load 200Kg
Laser welding depth	0.1-1.2mm	Sight positioning	CCD definition camera
Pulse width	0.1-20ms	Laser device vertical travel	≥200mm
laser welding frequency	1-45Hz	Laser device horizontal direction	200-800mm
Wooden case	1.85(L)*0.9(W)*1.35(H)=2.23CBM	Gross weight	320KG



# **SAMPLES**







### **APPLICATIONS**

electrical appliance, telecommunication product, car and motorcar spare part, instrument and meters, plastic case, aviation and aerospace, military product, hardwareitting and accessory, facility, measuring implement, cutting tool, sanitary appliance, stationery, medicament, food and beverage, make-up, medicine packaging, medical instrument, clock and jewelry, light-through key board, solar PV, and craft, etc.

Widely suitable for various metals, alloy, metallic oxide materials and some non-metallic materials (silicon wafer, ceramics, plastic, rubber, epoxy resin, ABS, printing ink, plating, spraying, and coating film, etc.









### **FEATURES**

- ➤ Fiber lase: igh-speed scanning galvo mirror: English operation system.
- > Strong software functions, convenient Control Panel, set and deal separately.
- ➤ Professional control software is compatible with AutoCAD, CorelDraw and Photoshop, etc.
- ▶ It could achieve the auto arrangement and amendment of letter, symbol, pattern,
- ➤ figure, image, bar code, 2D code, serial number, and auto increasing, etc. It supports PLT, PCX, AI, DXF, BMP, JPG format pictures. It is also available by
- ➤ using TIF, SHX character code.

### **TECHNICAL PARAMETERS**

Model	DM-F20
Laser Wavelength	1064nm
Laser Power	20W-30W-50W Raycus/Max
Marking Area	110 x 110mm (Standard)   200 x 200mm   300 x 300mm
Laser Device	Raycus high standard
Marking Depth	0.05-1.2mm
M2/Beam quality M2: <1.2	Min. Line Width: 0.01mm (0.0004")
Min. Letter: 0.2mm (0.008")	Marking line speed: (Adjustable depending on material)
Power supply: 220V/50Hz/1kVA	Cooling Method: Air cooling
Warranty: one year	Lead Time: 7-10 days





### CO2 LASER NON METAL MARKING MACHINE



/	TECHNICAL P	ARAMETERS
/	Model	DM-C30
	Max. Laser Power	30W
	Laser Wavelengh	10.64um
	Laser Repetitive Frequency	≤20KHz
/	Marking Depth	≤3mm
	Marking Scope	130x130mm
4	Linear Speed	≤7000mm/s
	Min. Linear Width	0.10mm
1	Consumed Power	1.2KW
	Repeat Accuracy	0.002mm
	Engraving Wire-Speed	0.01-0.5mm (According to the material & Decision)
7	Min. Character	0.40mm
	Repetitive Accuracy	±0.01mm
	Electricity Source	220V/50Hz/8A
	Location Precision	0.002mm
	Cooling System	Air Cool

### INTRODUCTION

devices, high stability laser generator, full automatic control system. The machine system working with high precision and fast speed, very stable performance, can work continuously for a long time and can be applied directly in large quantities of online processing lines.

Nonmetal materials such as bamboo, Plexiglass, acrylic, cloth, leather, wollens, rubber, paper. This series of machine is suitable to advertisement decoration, art gift, garment, leather, fabric, toy, computerized and clipping, electron element, cutting of template, packing and printing, paper product and other speediness processing industries.

### **ADVANTAGES**

- ➤ Adopted top brand CO2 laser, its beam is of superior quality, stable light and low failure rate.
- ➤ Coordinated with the excellent servo motor, the high-speed scanning galvanometer is of high marking speed and precision.
- ➤ The industrial control computer has strong capacity of resisting disturbance, assuring the stable work during the long period of industrial environment.
- ➤ With powerful and friendly controller and software, easy operation, raise the working efficiency.
- ➤ With reasonable and whole structure design, better stability and higher reliability.



### **FEATURES**

- ➤ Red light preview, clear marking position
- ➤ Davi metal laser generator, useful life 20,000 hours
- ➤ High speed galvo scanner, fast speed, high precision, stable function
- > Full set imported optic lenses, low consumption, good focus performance
- ➤ Automatic number jump and counting function

	Model	DM-C30	DM-C50	DM-C100
	Max. Laser Power	30W	50W	100W
	Laser Wavelengh	10.64um	10.64um	10.64um
	Laser Repetitive Frequency	≤20KHz	≤20KHz	≤20KHz
	Marking Depth	≤3mm	≤5mm	≤8mm
	Marking Scope	130x130mm	260x400mm	260x400mm
	Linear Speed	≤7000mm/s	≤7000mm/s	≤7000mm/s
	Min. Character	0.40mm	0.40mm	0.40mm
Ĺ	Min. Linear Width	0.10mm	0.15mm	0.15mm
	Repetitive Accuracy	±0.01mm	±0.01mm	±0.01mm
	Optical parts	Imported laser parts	Imported laser parts	Imported laser parts
	Consumed Power	01.2KW	2KW	4KW
	Electricity Source	220V/50Hz/8A	220V/50Hz/11A	220V/50Hz/20A

### **SAMPLE**



















### **ANSHU ENTERPRISES**

### **CNC ROUTER:**

Atc Router

### LASER MACHINE:

Fiber Cutting, Fiber Marking, CCD Laser, Co<sup>2</sup> Cutting, Co<sup>2</sup> Marking, Mix Laser, Bending Machine, Welding Machine, Tracking Cutting Plotter, Lamination Machine

### CNC AND LASER COMPONENTS:

Driver, Motor, RD Controller, CCD Camera, Co2 Tube, Raycus Source, Power Suply Lence, Chiller, Air Compressor, Honey Comb Bed Mirror, Air Blower, NC Card Spindle, DSP, Dust Collector, Collet & Bit



Khasra No.571, Plot.no.98 A - Block Rajeev Nagar Village, Bhalswa Dairy, Delhi, 110042 Phone No > 7827673113, 7011662771