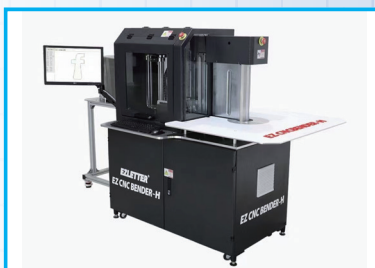


EZLETTER

CNC Router– Ezbender – Fiber Laser



ABOUT US



Guangzhou EZLETTER Co., Ltd. was established in 2006 and is one of the first companies in China to develop, produce and sell automatic channel letter bending machines. Since its establishment, EZLETTER has always adhered to innovation, perfect quality and better service. EZLETTER is known for its equipment's high precision, high speed and high stability.



After nearly 20 years of development, we have full series machines for the advertising industry including channel letter bending machines, CNC router and CNC fiber laser cutting machines. Our strong and powerful CNC ROUTER and CNC fiber machines are also used in some other industries, such as aluminum, wood and metal machining.



Since 2007, our products have been exported to Europe and North of America such as Germany, Canada and the United States, and now more than 40 countries' customers are using our equipments. Many machines that have been in service for over a decade can still function normally. We take pride in the stable quality, continuous innovation, improvement, and dedicated service of our machines.



In the year of 2021, Guangzhou EZLETTER Co., Ltd. Invested to build Guangdong EZCNC Co., LTD. In Guangdong Foshan. It's a new factory more than 4000 square meters which mainly produce all the Precise CNC Machines which were developed and designed by EZLETTER.



Welcome friends and customers from all over the world. We will try our best to provide "professional, serious, responsible and friendly" service and differentiated value.



Patent Certificate



Registered Trademark



CE Certificate



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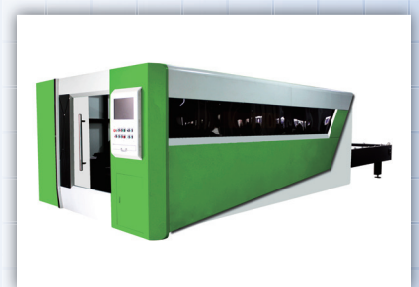
Channelletter Solutions:

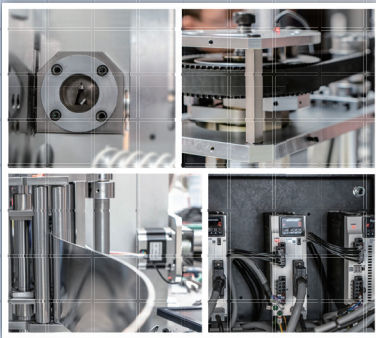


CNC ROUTER Solutions:



FIBER LASER Solutions:

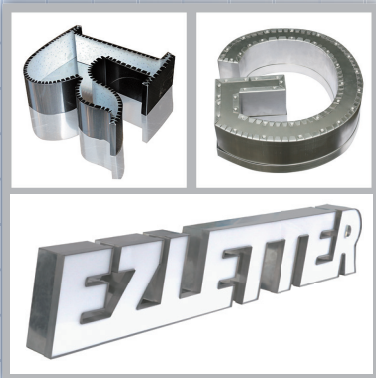




Equipment Details



Notching and Flanging



Perfect Samples

EzBender-Classic is a bending machine with fast speed, high precision, strong and powerful functions for channelletters. It can work with Aluminum, Galvanized steel and Stainless steel etc. All the functions of auto feeding, slotting, notching, flanging and bending can be selected freely in the software according to the different materials. This machine is the most important equipment to make the channelletters.



■ **Friendly software**

Ezletter developed its own software for the channelletter making. It can accept all kinds of DXF file such as created by illustrator, Casmate, Type3, Artcam, Flexisign, Enrouter, Coreldraw, etc.

■ **Hydraulic station**

Hydraulic station provides power for notching and flanging. It's very powerful and fast. The cutting surface is very smooth without any burrs

■ **Industry servo motors**

Industry servo motors control bending and slotting functions with high speed and high precision.

Specification

Package size	2030(L)x1030(W)x1820(H) mm
Physical layout	3700(L)x1200(W)x1500(H) mm
Gross weight: 850kg	Net weight: 800kg

Material Specification

Height: 20-180mm	Thickness: 0.4-2.0mm
Material	Al, Stainless steel, Galvanized steel

Bender Capability

Max Bending Angle: 120°	Width of flange: 6-14mm
Min radius for circle: R10	Min radius for half circle: R6

Power

Power AC	3P AC 380V/220V,50 or 60Hz, 15A
Compress Air	90psi (6bar) at 1cfm

EzBender-X was designed especially for bending the Aluminum profiles and trim caps. With upgraded software and hardware, it can do with SS, Aluminum, Galvanized steel and all kinds of Al profiles now. EzBender-X can provide perfect solutions for different materials and different signs. It's your best choice for making different types of LED signs with different materials.



Aluminum Profiles



Perfect Samples



Perfect Samples

■ **Super Channelletters (Aluminum profiles)**

Disk blade working in Front

■ **McCafe signs (Aluminum profiles)**

Disk blade working both front and back

■ **Normal Aluminum profiles signs**

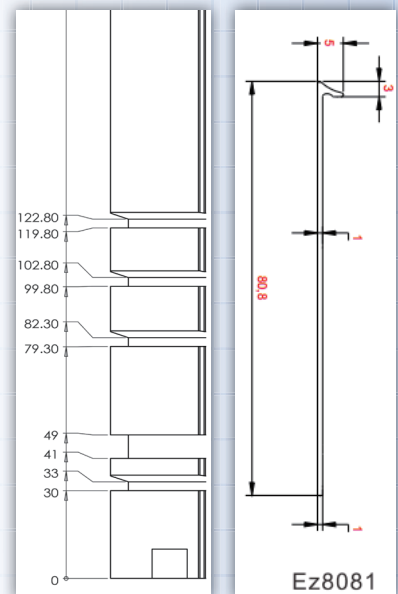
Disk blade working in front, Straight blade working at the back

■ **Flat material SS, GS and Al.**

Straight blade working at the back

Specification

Package size	1600(L)x1080(W)x1920(H) mm
Physical layout	4900(L)x1000(W)x1500(H) mm
Gross weight: 700kg	Net weight: 600kg
Aluminum Profiles	
Height: 25-100mm	Thickness: 0.4-1.5mm
Stainless steel, Aluminum, Galvanized steel etc, Flat Material	
Height: 25-100mm	Thickness: 0.4-1.0mm
Bender Capability	
Max Bending Angle: 120°	Min radius for circle: R10
Min radius for half circle: R6	
Power	
Power AC	SP AC 220V, 50 or 60HZ, 10A
Compress Air	90psi (6bar) at 1cfm

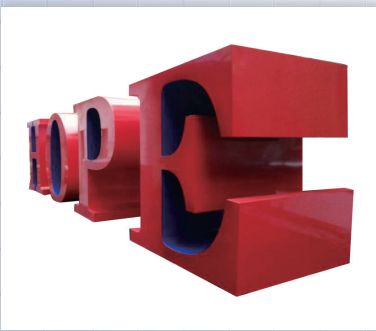
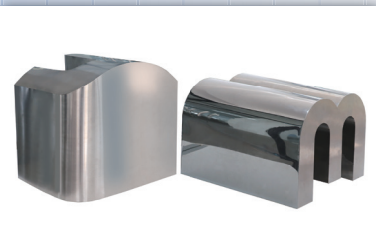




Equipment Details



Beveled Surface Letters



Perfect Samples

EzBender-H is a heavier bending machine based on Ez-Bender C. It can do with thickness max. 2.5mm and height max. 400mm material. It's very professional for making outdoor large signs. With EZLETTER special software, it can do beveled and curved or any special surface letters very easily.



- **3 times power Servo motors**
- **Higher and thicker material**
Height Max: 400mm Thickness max: 2.5mm
Height Max: 600mm for option
- **Special software for Beveled and Curved surface letters**

Specification

Package size	1580(L)x1040(W)x1860(H) mm
Physical layout	4900(L)x1000(W)x1580(H) mm
Gross weight: 700kg	Net weight: 600kg

Material Specification

Height: 20-400mm	Thickness: 0.4-2.5mm
Material	Al, Stainless Steel, Galvanized Steel

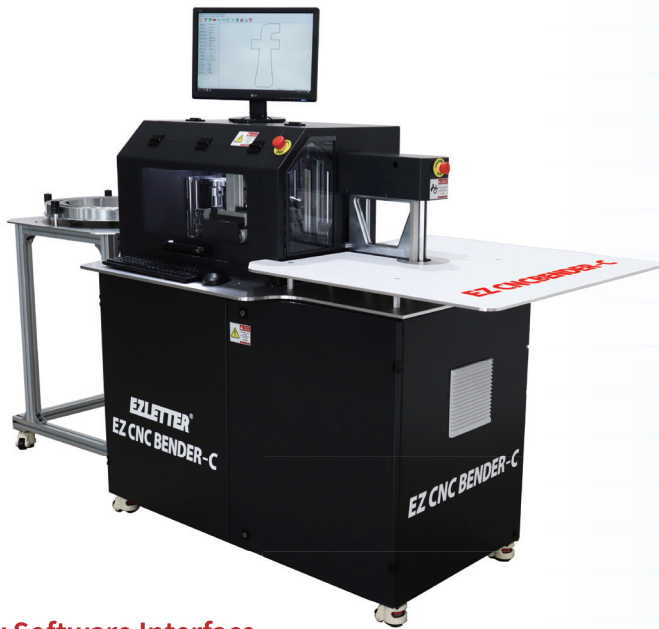
Bender Capability

Max Bending Angle: 120°	Min radius for circle: R10
Min radius for half circle: R6	

Power

Power	3P AC 220V, 50 or 60 HZ, 10 A
Compress Air	90psi (6bar) at 1cfm

EzBender-C is a simple bending machine without flange and notch function. It only has slotting and bending functions for Channelletters. It has the same software as EzBender-H which has the function of Beveled and Curved surface letters. It's the best choice for SS channelletters.



■ Friendly Software Interface

Can accept all kinds of DXF files, such as created by illustrator, Casmate, Type3, Artcam, Flexisign, Enrouter, Coreldraw ,etc.

■ Servo system for Bending and slotting functions

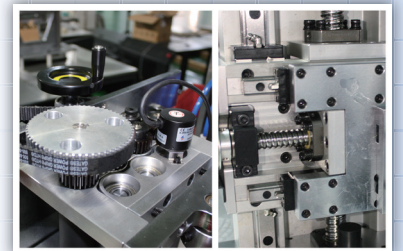
With high speed and High precision

■ Special software for Beveled and Curved surface letters

■ Adjustable Depth and times for V-slotting

Specification

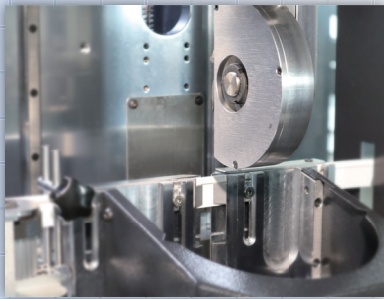
Package size	1600(L)x1000(W)x1700(H) mm
Physical layout	3000(L)x1000(W)x1500(H) mm
Gross weight: 600kg	Net weight: 500kg
Material Specification	
Height: 25-150mm	Thickness: 0.4-1.5mm
Material	Al, Stainless Steel, Galvanized Steel
Bender Capability	
Max Bending Angle: 120°	Min radius for circle: R10
Min radius for half circle: R6	
Power	
Power	SP AC 220V, 50 or 60 HZ, 10 A
Compress Air	90psi (6bar) at 1cfm



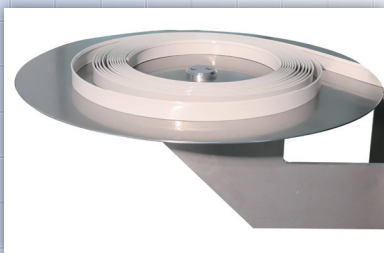
Equipment Details



Slant Surface Letter



Details



Material Rack



Trim Caps



Perfect Samples

EzTrimmer is a machine specially to do slotting for the Trim cap. It's more simple than EzBender-X and the cost is much lower. For the customers who only make trim cap and will not do Aluminum profiles, it is a very economical choice. EzTrimmer is always used along with the EzBender-Classic to make the surface cover of the channel letters.



- Disk blade can work both front and back sides.
- Specializing in v-slot for trim cap.
- Automatically v-slot for all outside corners.
- Make v-slot inside corners automatic.
- Lengths and distances are measured with exacting precision.
- V-Cut (disk blade): Any angle from 45° to 120° on edge.
- Make V-slot at the cut position.

Specification

Package size	1100(L) x 1000(W) x 1600mm(H)
Physical layout	1500(L) x 850(W) x 1530mm(H)
Gross weight: 280kg	Net weight: 200kg
Material Specification	
Height: 20mm/26mm/50mm	Thickness: 1.0mm
Material	Trim cap
Power	
Power	SP AC 220V/110V, 50 or 60 HZ, 15 A
Compress Air	90psi (6bar) at 1cfm

EzClincher is particularly designed for fastening the channelletters returns and backs. It presses two layers of Aluminum material together without any rivet. EzClincher will greatly reduce your time and cost on fastening the back board and the channelletter returns. With the Gas-liquid booster cylinder, EzClincher is very powerful and stably.



Specification

Structure	C cast steel
Features	Gas liquid booster cylinder
Stroke	Max:70mm / working:20mm
Depth of throat	700mm
Processing capacity	Max : 2mm(two layers) Aluminum
Processing speed	40 times/min
Air Pressure requirements	5-7(bar)
Work table size	700mm x 800mm
Work table height	Adjustment by handle
Depth of workpiece	0 ~ 300mm
Control mode	Foot Pedal
Weight	750 KG



Dies



Details



Sample



Samples

EZLASER WELDING MACHINE

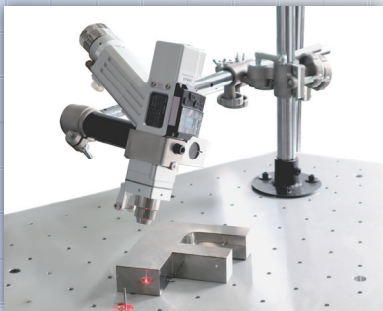
-FLW SERIES



Fiber Laser Source



Hand-held Welding Gun with QBH Connector



Welding Bracket

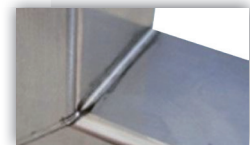


Wire Feeder



Rust Cleaning

EZ Fiber Laser Welding Machine adopts advanced fiber laser technology and hand-held laser welding gun. It's easy to operate, the welding is very firm and fast. It can weld wide range of materials such as the Stainless steel, Carbon steel, Aluminum and Copper etc.



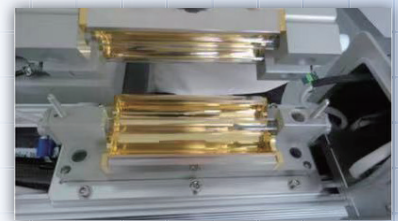
Specification

Model	FLW-1000/1500/2000	
Laser Power	1000W	1500W/2000W
Humidity : No condensation	Temperature:15-35°	
Power	SP AC 8kw 220V±5%, 50Hz/60Hz	3P AC 9kw 380V±5%,50Hz/60Hz
Fiber Wire Length	10M/ Standard 10M	
Aiming Positioning	Red Light Indicator + Fixture	
Control Model	TTL Leve/GUI	
Cooling System	Integrated Thermostat	
Welding Speed :0~120mm/s	Laser Wavelength : 1070nm±5%	
Welding Thickness	0.5-2.0mm	0.5-5.0mm
Weight : 350kg	Size(LxWxH):1400x820x1360mm	
Welding Gap : ≤0.2mm	Consumables : Protective Lens,nozzels	

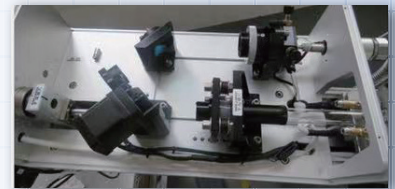
EzLaser Welding Machine is a fast welding machine specially designed for welding channelletter returns to channelletter face or back precisely. It's very good for welding SS, Galvanized steel.



Hand-held Laser Welding Gun



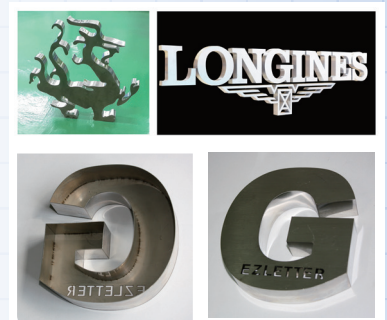
Upper and lower Cavity



U-loop for fiber coupling

Specification

Model	LW220	LW600
Max Laser Power	300W	500W
Laser Wave Length	1064nm	1064nm
Welding Depth	0.1-1.2mm	0.1-2.0mm
Pulse Width	0.3-20ms	0.3-20ms
Power	9KW/220V	12KW/380V
Work Table Size	800x1600mm	800x1600mm
Locate Mode	CCD+ guiding pin	CCD+ guiding pin
Chiller	Constant temperature	Constant temperature
Weight	600KG	750 KG



Samples



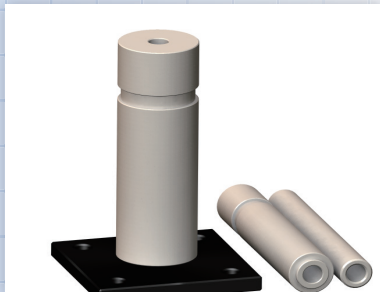
EzNotcher



Ez Auto Flanger



Pneumatic Clamping Bender



Mini Rounder

EzNotcher

EzNotcher is especial for channel letter's notching. Input the design or letter in DXF into the machine, Eznotcher will notch automatically and accurately.

Ez Auto Flanger

Ez Auto Flanger eliminates any restriction on channel letter return lengths imposed by brake size. minimizing labor and manufacturing cost. Advantages:Easier set up; Easy use; Smaller Footprint conserves space; Used on a bench top or with stand; No special power requirements, uses standard household power.



Specification

Material Specification

Width: 60mm-180mm Al THK : 0.4mm-1.2mm

Output

Noth size: 30° and 105° Notch sides : One side

Notch depth 4mm-16mm

Power requirements

Voltage: AC 110V/220V Frequency: 50/60HZ

Air Pressure: 0.8MPa Air : 0.1m3/min

Physical layout

ITEM	AUTO FLANGER	CNC NOTCHER
Height	310mm	1600mm
Width	440mm	800mm
Length	1200mm	2200mm
Weight	52kg	200kg

Package Size

ITEM	AUTO FLANGER	CNC NOTCHER	BENDER&ROUNDER
Height	470mm	1480mm	350mm
Width	580mm	830mm	400mm
Length	1340mm	1030mm	500mm
Weight	95kg	287kg	30kg

EzSander is a new machine to make the surface of the channelletter material more rough so that it will be easier to be painted. It has the dust collect system, auto feeding system, and auto Coiling system. The control system can accurately control the length and time of sanding, and automatically stop the machine after the work is completed.



Equipment Details



Ezletter Controller



Material Receiving Rack



Dust Collector

- The Sander wheel can be replaced easily.
- Variable Material Width and Thickness
- Controllable wear thickness of Sander wheels
- Feed material automatic.
- Receiving material automatic.
- Equipped with a cutting device, easy cutting.

Specification

Package size	1500(L)x1000(W)x1600(H) mm
	Host: 750(L)x720(W)x1340(H)mm
Physical layout	Material feeding rack: 700(L)x495(W)x250(H)mm
	Material receiving rack: 1135(L)x1135(W)x1135(H)mm
Gross weight: 300kg	Net weight: 250kg

Material Specification

Width: 30-200mm	Thickness: 0.4-3mm
Material	Aluminum coil, Stainsteel coil, Copper coil

Power

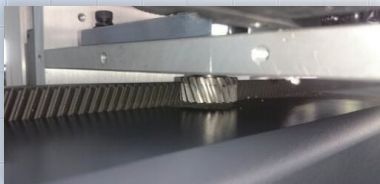
Power	SP/2P AC 220V, 50 or 60 HZ, 15 A
Compress Air	90psi (6bar) at 1cfm

EZCNC ROUTER

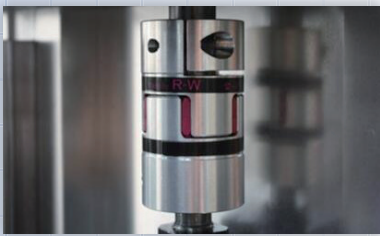
—MW SERIES T-Slot



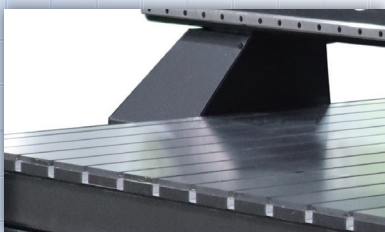
Ezletter Controller



Helical Rack and Pinion



R+W Coupling



T-Slot Table



Perfect Samples

EZCNC Router-MW series with T-slot table is the beginner level equipment for the advertising and woodworking industries. It's economical model for the starting on the business or small workshop. And it's with the full functions of cutting, engraving for wood, PVC board, acrylic and some soft metal such Aluminum and copper. With the EZCNC keypad controller it's is easy to be operated. Designed and Produced by EZLETTER, it's with stable quality. **Single phase 220V and 380V 3 phase power can be selected.**

X-Axis Dual Motor Driven

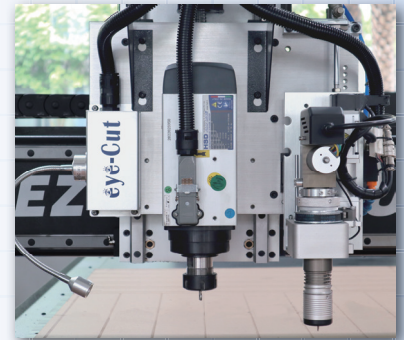


Specification

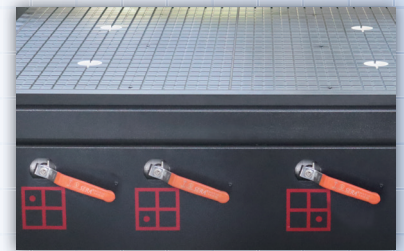
Model	MW1325	MW1530	MW2030	MW2040
Size(mxm)	1.27x2.54	1.5x3.0	2.0x3.0	2.0x4.0
X-dual motor			√	
Driver System	step/Hybrid/Servo			
Axis	4			
Z clearance	150mm			
T-Slot table	√	√	√	√
Spindle power(KW)	HSD3.0/HSD4.5/HSD6.0			
Spindle speed	18000/24000rpm			
Collect	ER25/ER32			
Auto surface			√	
Gantry Axis			√	
Speed(X,Y Axis)	35m/min			
Speed(Z Axis)	20m/min			
Cooling Mist			√	
Weight(Ton)	1.5	2.0	2.5	3.0

EZCNC Router-MW series with Vacuum table is the upgraded version based on the T-slot table. For large format cutting and engraving, it will save many times of clamping workpiece with vacuum table. It will improve the efficiency greatly. Machine vision eye-cut system and Osc. Knife can be installed in to this machine. It will be very helpful to cut soft materials such as foam, carpet and carton card etc. With the eye-cut system it can cut the outline of the shape of the graph on the PVC board painted by the UV flatbed printing.

X-Axis Dual Motor Driven



Eye-cut+ Spindle +Osc.Knife

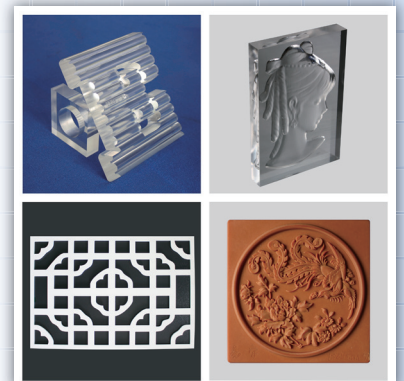


Vacuum Table



Specification

Model	MW1325	MW1530	MW2030	MW2040
Size(mxm)	1.27x2.54	1.5x3.0	2.0x3.0	2.0x4.0
X-dual motor			√	
Driver System		step/Hybrid/Servo		
Axis		4		
Z clearance		150mm		
Vacuum table	4	4	6	6
Spindle power(KW)		HSD3.0/HSD4.5/HSD6.0		
Spindle speed		18000/24000rpm		
Collect		ER25/ER32		
Auto surface			√	
Gantry Axis			√	
Speed(X,Y Axis)		35m/min		
Speed(Z Axis)		20m/min		
Cooling Mist			√	
Weight(Ton)	1.5	2.0	2.5	3.0



Perfect Samples

EZCNC ROUTER

—MW SERIES L-ATC



Ezletter Controller



Linear Auto Tool Changer



Helical Rack and Pinion



Perfect Samples



Perfect Samples

EZCNC Router-MW series with Linear tool changer is a higher end CNC router with helical rack and pinion. With the linear tool changer for 6 tools at the tail of the machine, it can do one work with 6 different tools. With more powerful spindle and servo system, the precision and speed has been improved and it can be used to cut the Aluminum, Acrylic and wood etc.

X-Axis Dual Motor Driven

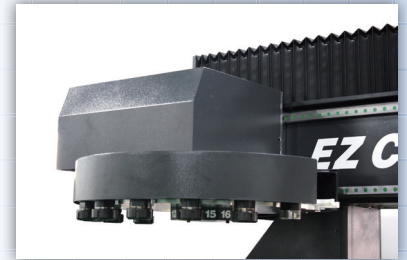


Specification

Model	MW1325	MW1530	MW2030	MW2040
Size(mxm)	1.27x2.54	1.5x3.0	2.0x3.0	2.0x4.0
X-dual motor			√	
Driver System	Leisai Servo / YASKAWA Servo			
Axis	4			
Z clearance	150mm			
Vacuum zone	4	4	6	6
Spindle power(KW)	HSD9.0ATC			
Spindle speed	24000rpm			
Auto surface	√			
Gantry Axis	√			
Speed(X,Y Axis)	35m/min			
Speed(Z Axis)	20m/min			
Cooling Mist	√			
Weight(Ton)	2.0	2.5	3.0	3.5

EZCNC Router-MW series R-ATC is with Rotary tool changer for 8 tools on the heavier gantry. It can change tools much faster than Linear tool changer. With many advanced technologies, it's a highest end CNC router with helical rack and pinion.

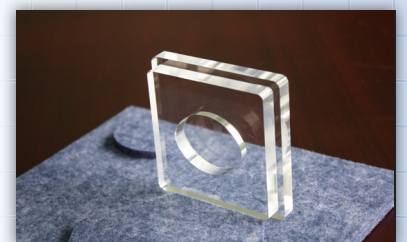
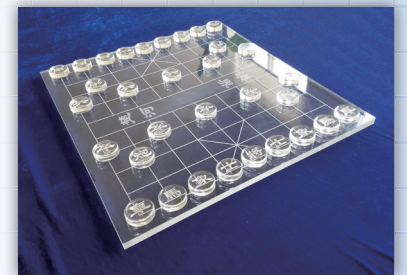
X-Axis Dual Motor Driven



Rotary Auto Tool Changer



HSD Spindle



Perfect Samples

Specification

Model	MW1325	MW1530	MW2030	MW2040
Size(mxm)	1.27x2.54	1.5x3.0	2.0x3.0	2.0x4.0
X-dual motor			√	
Driver System	Leisai Servo / YASKAWA Servo			
Axes	4			
Z clearance	200mm			
Vacuum zone	4	4	6	6
Spindle power(KW)	HSD9.0ATC/HSD13.2ATC			
Spindle speed	24000rpm			
Auto surface			√	
Gantry Axis			√	
Speed(X,Y Axis)	35m/min			
Speed(Z Axis)	20m/min			
Cooling Mist			√	
Weight(Ton)	2.2	2.7	3.2	3.7

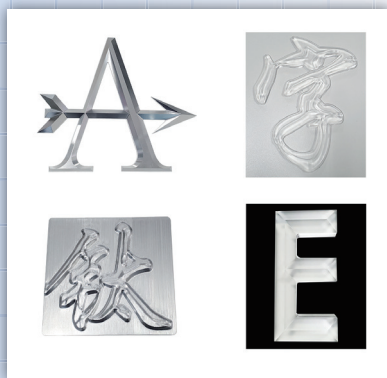
EZCNC ROUTER —MT SERIES



Ezletter Controller



Dual Ballscrew With Driven Nut



Perfect Samples



Perfect Samples

EZCNC Router-MT series is with EZLETTER exclusive design of dual ballscrew. It has a higher precision than normal CNC router with rack and pinion. And with special design of inclined gantry, the machine has good rigidity, So it can cut aluminum sheet easily. And it has the characteristics of low investment, no space occupation, and low noise. It's suitable for processing small 3D signages.

Dual BallScrew

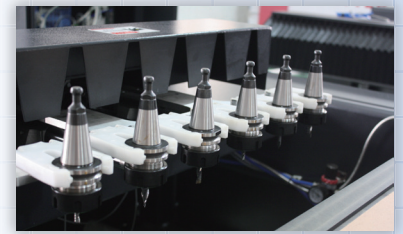


Specification

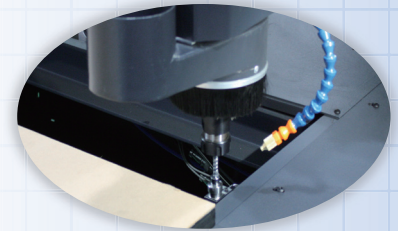
Model	MT660	MT670	MT960	MT970	MT1260	MT1270
Size(mmxmm)	600x600	600x700	900x600	900x700	1200x600	1200x700
X-dual ballscrew				√		
Hybird Servo				√		
Axis				4		
Z clearance				100mm		
Fixed board method				2 zones Vacuum table / T slot table		
Spindle power(KW)				1.5		
Spindle speed				24000rpm		
Collect				ER11		
Auto surface				√		
Gantry Axis				√		
Speed(X,Y Axis)				15m/min		
Speed(Z Axis)				9m/min		
Weight(Kg)	480	500	560	580	620	650

EZCNC Router-MD series can machine the Acrylic Crafts and Aluminum/ copper parts. With the high precision, high speed and perfect cutting quality, the cutting surface is very clear and smoothly. And it also be used for machining graphite plate for solar energy etc. With the eye-cut system it can be re-positioned very fast and accurate after the workpiece has been flipped over.

Dual BallScrew with Driven Nut



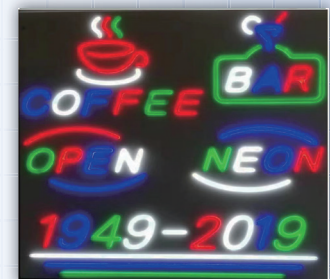
Linear Auto Tool Changer



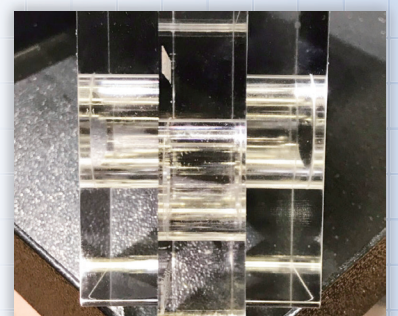
Automatic Tool Sensor



Mini Letters



Neon Letters



Perfect Samples

Specification

Model	MD1325 ATC
Size(mxm)	1.3x2.5
X-dual ballscrew	√
Servo	√
Axis	4
Z clearance	150mm
Vacuum zone	4
Spindle power(KW)	HSD9ATC/Water cooling5.0ATC
Spindle speed	24000rpm
Collect	ISO30 ER32 /BT30
Auto surface	√
Gantry Axis	√
Speed(X,Y Axis)	30m/min
Speed(Z Axis)	15m/min
Weight(Ton)	2.0

EZCNC ROUTER

—MG SERIES



Ezletter Controller



Perfect Samples

EZCNC Router-MG series is the upgraded version based on the MD series. It's with thicker dual ballscrew with driven nut, stronger basement and more powerful servo motors etc. It's a much more powerful and more advanced CNC router. It's very good CNC ROUTER for Aluminium machining industry and high end advertising production industry. With Dual Ballscrew with Driven Nut, the precision is much better than rack and pinion. It can be used for precision Aluminum parts machining.

Dual BallScrew with Driven Nut



Specification

Model	MG1325	MG1530	MG2030
Size(mxm)	1.3x2.5	1.5x3.0	2.0x3.0
X-dual ballscrew		√	
Servo		√	
Axes		4	
Z clearance		200mm	
Vacuum zone	4	4	6
Spindle power(KW)		HSD9.6ATC	
Spindle speed		24000rpm	
Collect		ISO30 ER32	
Auto surface		√	
Gantry Axis		√	
Speed(X,Y Axis)		30m/min	
Speed(Z Axis)		15m/min	
Weight(Ton)	2.2	2.7	3.2

EZCNC Router-GR series is a classic, perfect and professional CNC router with the innovation design of dual ballscrew with driven nut. It's with the servo rotary auto tool changer and can be installed mechanical spindle. With high precision and stable quality, It's normally used in the Aluminum machining industry, packaging equipment, medical equipment etc. production industry. Can provide different configuration according to the customers' requirements.

Dual BallScrew with Driven Nut



Specification

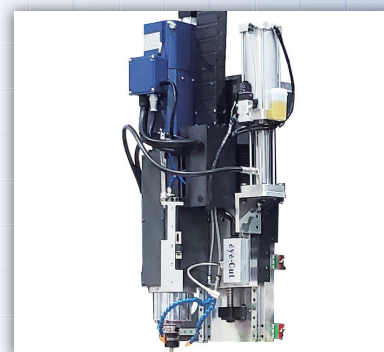
Model	GR1325	GR1530	GR2030	GR2040	GR2550
Size(m*m)	1.27x2.54	1.5x3.0	2.0x3.0	2.0x4.0	2.5x5.0
X-dual ballscrew			√		
Servo			√		
Axes			4		
Z clearance			200mm		
Vacuum zone	4	4	6	6	6
Spindle power(KW)			HSD9ATC/HSD13.2ATC		
Spindle speed			24000rpm		
Collect			ISO30 ER32 /HSK F63 ER40		
Auto surface			√		
Gantry Axis			√		
Speed(X,Y Axis)			30m/min		
Speed(Z Axis)			15m/min		
Weight(Ton)	2.5	3.0	3.5	4.0	4.5



Rotary Auto Tool Changer



R+W Coupling



Mechanical Spindle



Perfect Samples

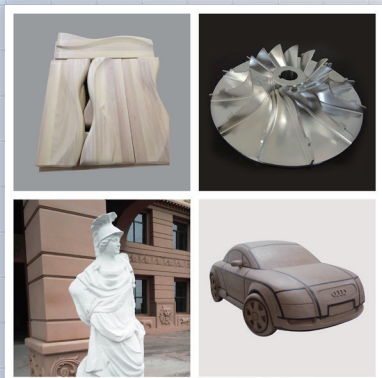
EZCNC ROUTER —GR 5 AXIS SERIES



Single Arm



Single Arm



Perfect Samples

EZCNC Router-GR 5axis series is with dual ballscrew with driven nut. It's with servo rotary auto tool changer for 16 tools. It can work with nonmetal and soft metals machining industry. It's normally used for the parts of the air bus, yacht etc. machining.

Dual ballscrew with Driven Nut



Specification

Model	5AXIS1325	5AXIS1530	5AXIS2030
Controller	OSAI OPENkey ML2 / SYNTEC 200MA-5		
Z clearance	700mm		
Two Axis Head	HSD HS300		
A-Axis	Normal: +100/- 40°		
C-Axis	Normal: +/-220°		
Spindle Power	ES368-8.7KW(Liquid Cool)		
Spindle Speed	20000rpm		
Tool Holder	HSK63F		
Auto Tool Changer	16 Holders Servo Disc ATC		
X-Axis Speed	48 m/min		
Y-Axis Speed	48 m/min		
Z-Axis Speed	30 m/min		
Repeating Position	0.03mm		
Voltage	3 Phase 380V/30A		
Air Pressure	10Bar		
Weight	5000KG	6000KG	7500KG

EZCNC Router-GR 5axis series is with high speed, high precision and high stability. We can provide corresponding reasonable configurations and solutions based on the specific needs of customers.



Osai Controller with RTCP

Dual ballscrew with Driven Nut



Double Arms Head



Perfect Samples

Specification

Model	5AXIS2030
Controller	OSAI OPENkey ML2 with RTCP
X-Axis Stroke: 3000mm	Y-Axis Stroke: 2000mm
Z-Axis Stroke: 700mm	Two Axis Head: HSD HS655
A-Axis: Normal: +/- 120°	C-Axis: Normal: +/- 245°
Spindle Speed	24000rpm
Spindle Power	ESS 779-12kw(Liquid Cool)
Tool Holder	HSK63F
Auto Tool Changer	8/16 Holders Servo Disc ATC
X-Axis Speed	48 m/min
Y-Axis Speed	48 m/min
Z-Axis Speed	30 m/min
Repeating Position)	0.03mm
Voltage	3 Phase 380V/30A
Size: 5000(L)x3800(W)x3500(H)	Area: 8000(L)x5000(W)
Air Pressure: 7Bar	Weight: 7500KG

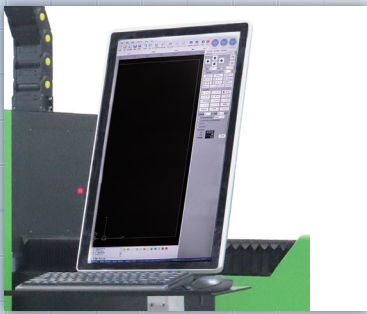
Options

Model	Kind	Power
HS300+ES368	SA	8.7KW
HS675+ES789	SA	18KW
HS655+ES779	DA	12KW
HS655+ES789	DA	18KW

Powermill, Mastercam
AlphaCam, Hypermill

EZCNC FIBER LASER

—GE SERIES



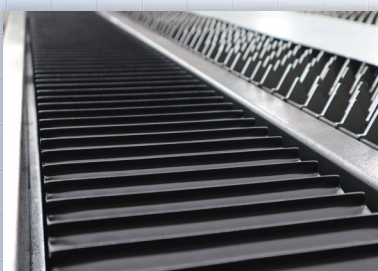
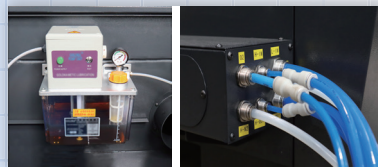
Control System

EZCNC Fiber Laser cutting machine uses the fiber laser source as the power and controlled by CNC system. With helical rack and pinion, servo system, EZCNC fiber laser cutting machine has perfect cutting quality, fast cutting speed, lower cutting cost. GE series is an economical design for the metal cutting. With lowest investment and get the best equipment for the metal sheet cutting.

X-Axis Dual Motor Driven



Raycus Fiber Laser Source



Specification

Model	GE1530
Size(mmXmm)	1500x3000
Laser type	Fiber laser
Laser Cutting Head	WSX Auto focus
Wave Length	1070nm
Controller system	Au3Tech/CypCut
Helical rack and pinion	Yes
Servo System	Leisai servo system /YASKAWA
Max Speed	30m/min
Z clearance	100mm
Auto-tracking	Au3Tech/BCS100
Smoke Exhaust Zone	2 zones
Cooling System	Industrial Cooling System
Positioning Accuracy	0.03mm
Weight	2.3T

Ez Fiber Laser was combined innovative dual ballscrew with driven nut and the latest technology. With heavy duty design, it could provide perfect cutting quality, fast cutting speed, lower cutting cost and lower maintenance cost. If your requirements on the precision is very high, you can consider this GL series.

Dual BallScrew with Driven Nut



Fiber Lase Source	1500W	2000W	3000W	6000W
SS	4mm	5mm	6mm	10mm
Al	3mm	4mm	6mm	10mm
Carbon	12mm	14mm	16mm	20mm

Specification

Model	GL1325	GL1530	GL2030
Size(mm*mm)	1270x2540	1500x3000	2000x3000
Laser Cutting Head		WSX	
Wave Length		1070nm	
Controller		CypCut	
X-dual ballscrew		Yes	
Servo System		YASKAWA	
Max Speed		30m/min	
Z clearance		100mm	
Auto-tracking		BCS100	
Smoke Exhaust Zone		2 zones	
Cooling System		Industrial Cooling System	
Positioning Accuracy		0.03mm	
Weight (Ton)	2.3T	2.8T	3.5T



Adaptive Height Controller



Fiber Laser Cutting Head



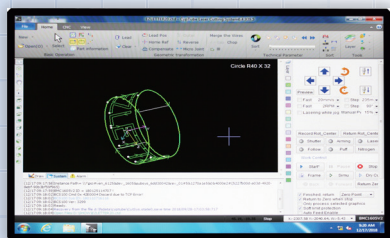
Cypcut Control System



Proportional Valve

EZCNC FIBER LASER

-GL SERIES - T



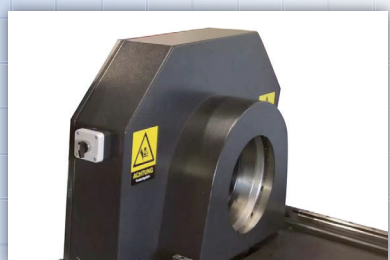
Control System

Ez Fiber Laser was combined innovative dual ballscrew with driven nut and the latest technology. It could provide perfect cutting quality, fast cutting speed, lower cutting cost and lower maintenance cost. It's your perfect choice !

Dual BallScrew with Driven Nut



Dual Ballscrew with Driven Nut



Chuck

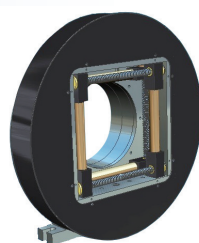


Pneumatic Chuck

Model	Diameter(mm)
EZP50	0-50
EZP100	0-100
EZP160	0-160
EZP220	0-220
EZP350	0-350



Perfect Sample



Electrical Chuck

Model	Diameter(mm)
EZE-160	10-160
EZE-210	10-210
EZE-220	10-220
EZE-350	10-350

The Ez Exchange Table Fiber Laser, was adopted the Swedish rack and pinion, Japan YASKAWA double servo drivers, Germany Alfa reducer. The precision will be great. The efficiency of auto exchangeable is high, the speed is fast. The running speed is 100 m/min without loading and the acceleration could reach 1.2G. There is IPG high power laser with the machine, it is a perfect product in metal cutting industry.



GW Fiber Laser Source

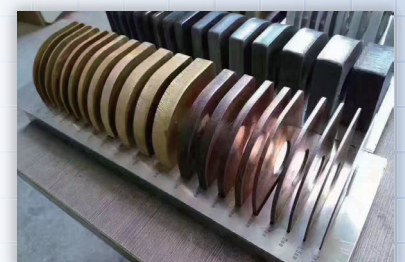


Industrial Cooling System



Specification

Model	GL1325-APC	GL1530-APC
Size(mm ²)	1270x2540	1500x3000
Laser Cutting Head	WSX-NC-30/60	
Fiber Source	3-8KW	
Wave Length	1070nm	
Controller	CypCut-CYP4000	
X-dual ballscrew	Yes	
Servo System	YASKAWA	
Max Speed	100m/min	
Z clearance	100mm	
Auto-tracking	BCS100	
Smoke Exhaust Zone	2 zones	
Cooling System	Industrial Cooling System	
Positioning Accuracy	0.03mm	
Weight (Ton)	4T	
Machine Size	L:8735.50	L:9195.50
	W:3028.50	W:3258.50
	H:2134.60	H:2134.60
Power AC	380V/7KW	380V/9KW



Perfect Sample

EZCNC RF LASER

-RF SERIES



Perfect Sample

Machining Parameters

Material	Thickness(mm)	Speed (mm/s)
Acrylic	11	38
	14	27
	18	20
	24	14
	45	5
Wooden planks	25	30
Knife template	18	45 (cut off)
	18	11 (0.7seam width)
Particle board	12	38
	16	25
	18	20
Density board to board	9	45
	12	28
Carbon steel	2	31
	3	17
Stainless steel	1	66
	1.5	50

Process Parameters

NO.	Material	Cutting layer(mm)	Weld thickness(mm)	focal distance
1	10mm Acrylic	1	95%-99% 20mm/s 0.1MPa	4
2	15mm Acrylic	1	95%-99% 12mm/s 0.1MPa	3.5
3	20mm Acrylic	1	95%-99% 7mm/s 0.1MPa	3
4	25mm Acrylic	1	95%-99% 5mm/s 0.1MPa	3
5	9.5mm Thick plywood	1	95%-99% 45mm/s 0.2MPa	5
6	11mm Thick plywood	1	95%-99% 30mm/s 0.2MPa	5
7	14mm Thick plywood	1	95%-99% 11mm/s 0.2MPa	4
8	9mm Thick wooden	1	95%-99% 20mm/s 0.2MPa	4
9	10mm Thick wooden	1	95%-99% 15mm/s 0.2MPa	3.5
10	3mm Thick density board to board	1	95%-99% 100mm/s 0.2MPa	5
11	3mm Thick density board to board	2	95%-99% 30mm/s 0.2MPa	4
12	12mm Thick density board to board	1	95%-99% 18mm/s 0.2MPa	4

EZletter RF Laser Cutting Machine is the perfect combination of RF laser technology and innovation Dual Ballscrew with Driven Nut. With the latest generation of laser engraving / cutting control system adopted, The System features great hardware stability and better resistance to high voltage and static electricity. Large-capacity file storage, communication with PC or USB. This machine adopts the latest RF pulse laser generator, perfect cutting effect without blackening mark. This Machine is purposely for cutting thick acrylic with perfect effect. Besides, It can cut wood and bamboo , cloth, leather, composite materials etc., The carbon steel and stainless steel also can cut. It is your optimum choice for the advertising crafts industry, advertising decoration industry etc.!



Specification

Model	RF1313	RF1325
Table Size	1270 x 1270mm	1270 x 2540mm
Table Zone	1	2
Z Clearance	100mm	
Resetting Positioning accuracy	±0.05mm	
Laser Power	150W/300W/500W/700W Option	
Gross Power	Less than or equal to 9KW	
Power Supply	AC 380V 50HZ/60HZ	
Cooling Method	Water cooling	
Transmission	X-Dual Ballscrew With Driven Nut	
(Max Speed)	25m/min	
Installation Size	2200 x 2100 x 1300mm	3850 x 2100 x 1300mm
Net Weight	1.2Ton	1.8Ton

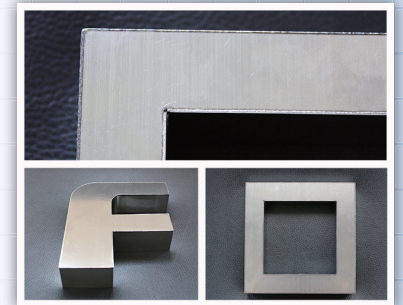
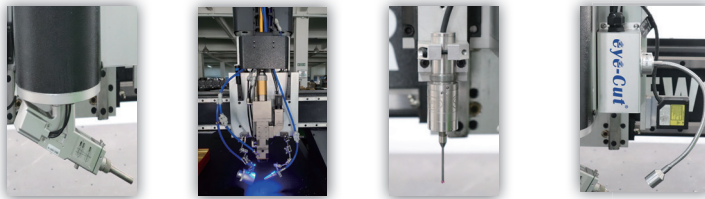
Ez Fiber Laser was combined innovative dual ballscrew with driven nut and the latest technology. It could provide perfect cutting quality, fast cutting speed, lower cutting cost and lower maintenance cost. It's your perfect choice !



GW Fiber Laser Source



Welding Head



Perfect Samples

Specification

Model	FW1212	
Physical Parameters		
Table Size	1200 x 1200mm	
Table Zone	9	
Z Clearance	200mm	
Welding Speed	1m/min	
Max Speed	15m/min	
Welding Thickness	0.5-2mm	0.5-5mm
Welding Gap	≤0.2mm	
Installation Size	2600 x 2800x 1700mm	
Laser source parameters		
Laser Power	1000W	1500W/2000W
Laser Wavelength	1070nm±5%	
Laser Welded Joint		
(Visual Localization)	Two points confirm the position with Visual	
(Focal Length)	150mm	

Advantages

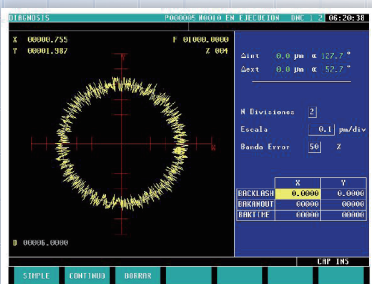
1. Vision Positioning: Using Machine Vision to detect the position deviation and rotation angle through the two corner points of the graphic, and then accurately landing on the weld line.
2. Welding according to the designated vector graph, welding parameters can be adjusted.
3. And the letters are not deformed.
4. Every welding point will accurately falls on the weld because of Machine Vision Positioning Function.
5. Auto focus function makes firepower more concentrated.
6. No manual alignment required. Therefore, the interference problem of manual welding is not easy to occur.
7. Much safer, more efficient.



Ezletter keypad



Ezletter Controller



Ezletter developed EzletterController with its own intellectual property right. We can provide customizable products and services. All the functions are integrated in the graphical keypad. The 30 buttons can implement about one hundred functions. EzletterController is a double CPU control system. One is the normal CPU connect the memory and DOM. Win-XPE can work on this CPU. The other one is DSP (digital signal processor) which mainly deal with the digital signal from the machine. The DSP double the resolution from 500 pulses to 1000 pulses per 1mm. And the resolution can arrive at 1 μ m.

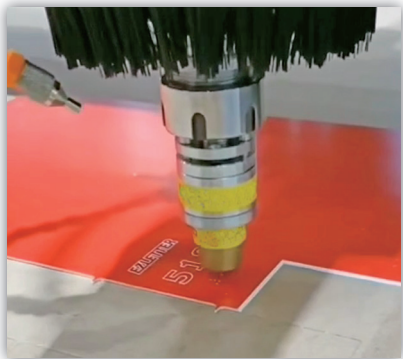
- USB, DNC, network DNC, 2G hard drive integration
- High strength casting aluminum shell with good EMC
- 9 layers backups and recovery system
- one key return to factory settings
- High Stability, High Precision and High Speed
- Electronic saw function: Line, rectangle and circle
- G Code inspection before machining
- Online real-time speed, spindle speed adjustment
- Max Depth, speed and rate Protection
- Multi home and auto surface
- Forward looking function
- Approximate restart
- Easy to operate

Dual BallScrew with Driven Nut

Dual Ballscrew with Driven Nut means that the nut is rotated and driven, and the screw is stationary. It is different from other screw rotation drive designs, and this technology avoids a series of problems caused by the vibration of the screw in the screw rotation drive. Because the screw is very long, the rotating movement can easily cause vibration, and the nut vibrates and shakes very little under high-speed rotation. Generally, the speed of the screw reaches 1000rpm, and the vibration is already very severe, and the speed of our machine tool nut rotation drive is already 1000rpm, and it is quite stable. The specific advantage of Dual Ballscrew with Driven Nut is to reduce vibration.

In our design there are two ballscrew nuts working on one axis. It can help the uprightness of the gantry and avoid the slant. So it can ensure the precision of Z axis and the diagonal precision.

The precision of Dual ballscrew with Driven Nut is better than that of rack and pinions. The Max table length of the machine with ballscrew which we can do is 4 meters.



EZCNC Device for Braille

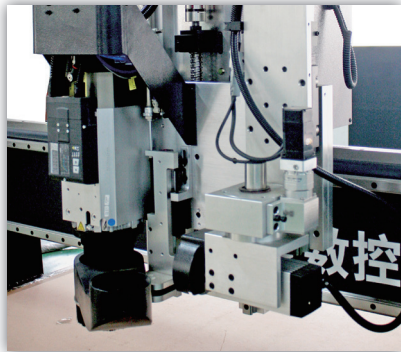


Perfect Samples

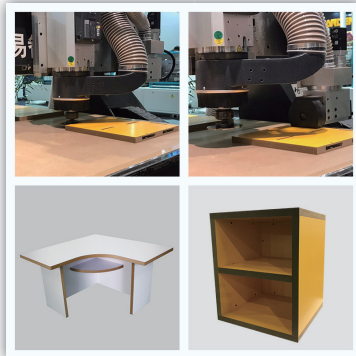


CCD-HUB: GIGE NET WIRE
 P C-HUB: GIGE NET WIRE
 ArtCam, Coredraw, DXF,PIM
 Individuation PLC Program

Eye-cut system



Milling System for 5 Sides



Perfect Samples



Eye-cut Samples



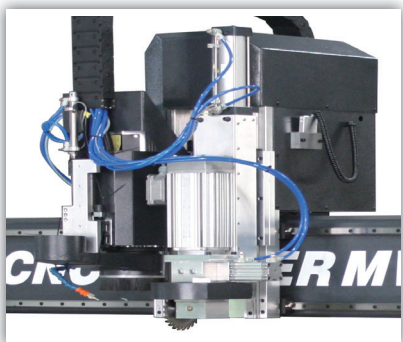
Flat-panel and 3D Workpieces



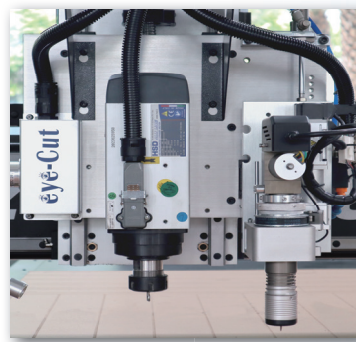
Perfect Samples



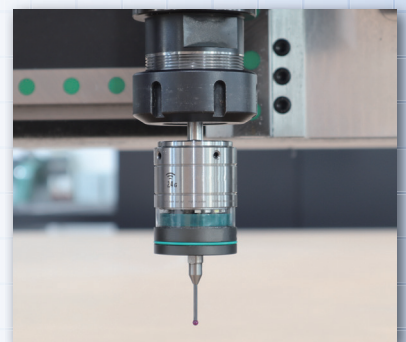
Eye-cut Samples



Spindle and Saw



Eye-cut+ Spindle +Osc.Knife

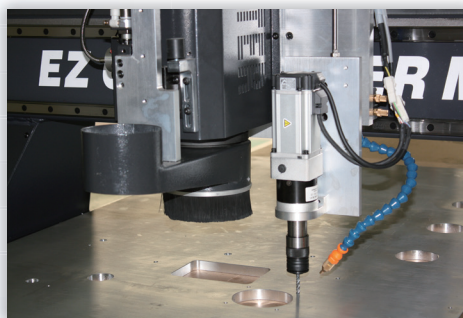


Probe

OPTIONS



Drilling and Tapping
By spindle



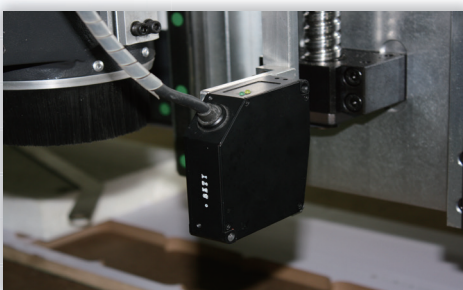
Servo Tapping Unit
Torque Protect M3-M12



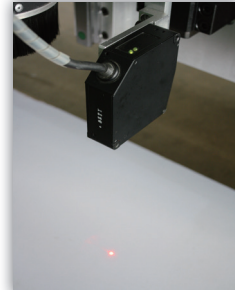
Servo Tapping Unit
Torque Protect M3-M12



Dust Tracker
Dust hood will go up and down according to the cutting depth, to provide the cleanest cutting.



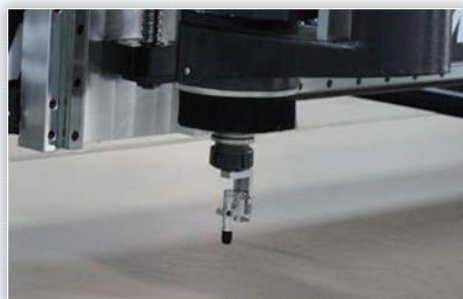
Laser Tracker
Keep the cutting depth always same even the flatness of surface of the material isn't good.



Laser Calibrator
Setting Zero surface automatically by laser



With Kiss Knife Without Kiss Knife



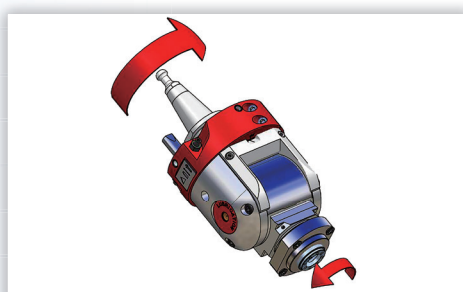
Kiss knife
For soft material cutting



Oscillating Knife
For soft material cutting



A Axis



Aggregate Head + C Axis



Mechanical Spindle



Dust Collector



Vacuum Pump



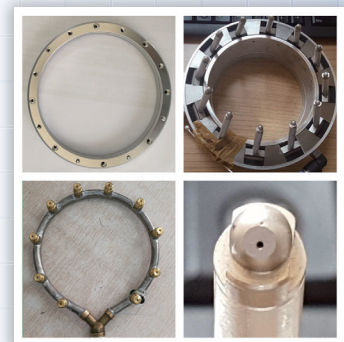
Air compressor



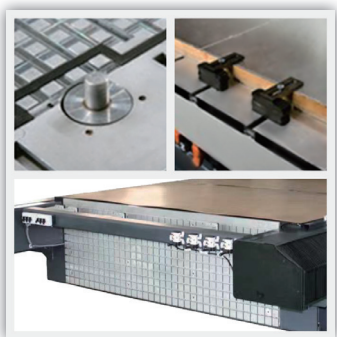
Mister Spray System



Auto Lubricator



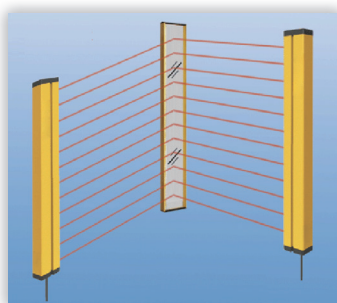
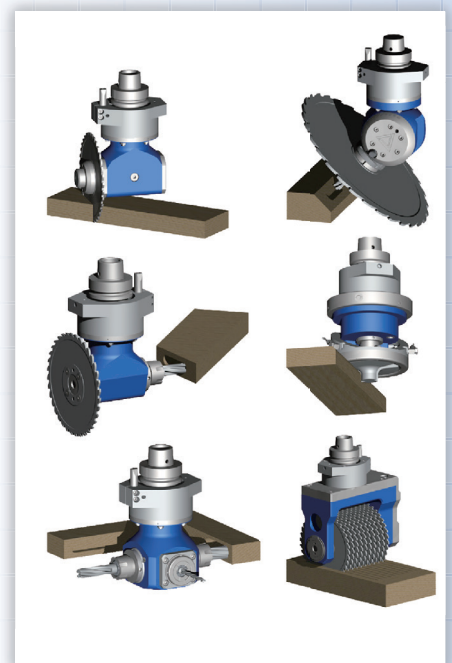
Blowing System



Pop-up Pins and Clamp System



Vacuum Suction Cup

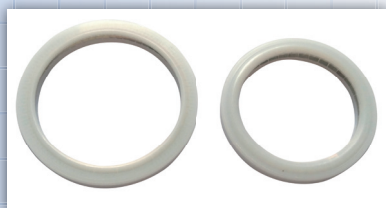


Photoelectricity Protector



3D Laser Scan System

SPARE PARTS



Seal Rings



Protective Lens



Ceramic Ring



Collimator Lens

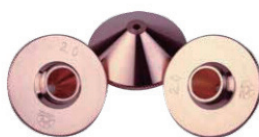


Focus Lens

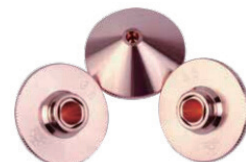
ITEM	Picture	Replacement Period
Lock		
Gland		
Seal Rings		3 Months
O-ring		6 Months
O-ring		
Protective lens drawer Group		
Focal Lens Group		
Collimator Lens Group		
Focal Lens		
Collimator Lens Group		
Ceramic Part		6-12 Months
Nozzle		
Protective lens		2-3 Months
Cable		Need to be replaced if there is damage to its cover
Synchronous belt for GL1325/1530/2030		
Linear Bearings		
Filter element for chiller		3 Months

Spare Parts

WPCT-S

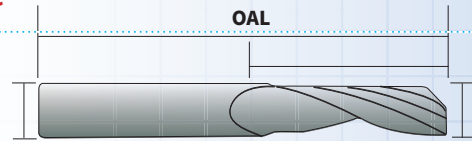


WPCT-D



单层 Single	∅D	D ₁	D ₂	H	H ₁				
WPCT-D-08	0.8	M11*0.75	28	15	3.5				
WPCT-D-10	1.0								
WPCT-D-15	1.5								
WPCT-D-20	2.0								
WPCT-D-25	2.5								
WPCT-D-30	3.0								
WPCT-D-35	3.5								
WPCT-D-40	4.0								
双层 Double	∅D					D ₁	D ₂	H	H ₁
WPCT-S-08	0.8					M11*0.75	28	15	3.5
WPCT-S-10	1.0								
WPCT-S-12	1.2								
WPCT-S-15	1.5								
WPCT-S-20	2.0								
WPCT-S-25	2.5								
WPCT-S-30	3.0								
WPCT-S-35	3.5								
WPCT-S-40	4.0								
WPCT-S-45	4.5								
WPCT-S-50	5.0								
WPCT-S-55	5.5								
WPCT-S-60	6.0								

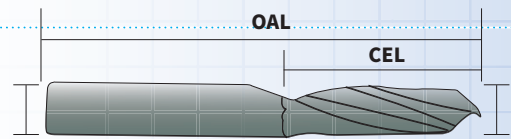
Single Edge-Solid Carbide &Upcut Spiral 0 Flute



Usage Acrylic,Al,Copper,PVC,etc

PART NO.	SHK DIA	CEL	CED	OAL	PRICE(RMB)
EZ-310/317	3/3.175mm	5/10/12/15/17/22mm	3/3.175mm	38mm	18
EZ-412/417	4mm	12/17mm	4mm	50mm	27
EZ-512	5mm	12mm	5mm	50mm	50
EZ-612/617/622	6mm	12/17/22/25/32mm	6mm	50mm	50
EZ-823/32/42/55	8mm	25/32//42/55mm	8mm	60~90mm	120
EZ-1012/30/42/52	10mm	12/30/42/52mm	10mm	60~90mm	180/190/240/250

Single Edge-Solid Carbide &Upcut Spiral 0 Flute



Usage Al,Copper, PVC,etc

PART NO.	SHK DIA	CEL	CED	OAL	PRICE(RMB)
EZ-TC310/317	3/3.175mm	10/12mm	3/3.175mm	38mm	28
EZ-TC412/417	4mm	12/17mm	4mm	50mm	37
EZ-TC512	6mm	12mm	5mm	50mm	60
EZ-TC612/617/622	6mm	12/17/22mm	6mm	50mm	60
EZ-TC825	8mm	25mm	8mm	60mm	135

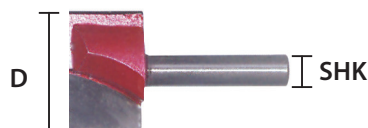
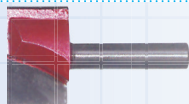
Single Edge-Solid Carbide &downcut Spiral 0 Flute



Usage Cystosepiment,Plastics,PVC,Softeood,etc

PART NO.	SHK DIA	CEL	CED	OAL	PRICE(RMB)
EZ-XQ3175	3.175mm	6mm	3.175mm	38mm	18
EZ-XQ412/417	4mm	12/17mm	4mm	50mm	27
EZ-XQ622	6mm	22mm	6mm	50mm	50

Cleaning Bottom Tools



Usage Acrylic,PVC,MDF,Solid wood

PART NO.	SHK DIA	D	PRICE(RMB) MORE THAN 10 PICECS
ZE-QD622	6mm	22mm	30

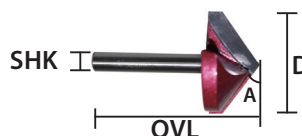
Cleaning Bottom Tools



Usage Acrylic,PVC,MDF,Solid wood

PART NO.	SHK DIA	D	H	PRICE(RMB) MORE THAN 10 PICECS
EZ-QDYD12722	12.7mm	22.2mm	13mm	65
EZ-QDYD12750	12.7mm	50.8mm	15mm	98

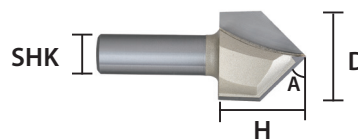
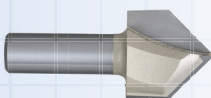
3D Carving Tools



Usage Acrylic,PVC,MDF

PART NO.	SHK DIA	A	D	OVL	PRICE(RMB) MORE THAN 10 PICECS
EZ-V62260/90/120/150	6mm	60/90/120/150°	22mm	50mm	35
EZ-V63260/90/120/150	6mm	60/90/120/150°	32mm	50mm	40

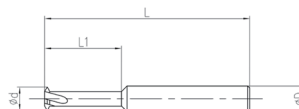
V-Tools



Usage Acrylic,PVC,MDF

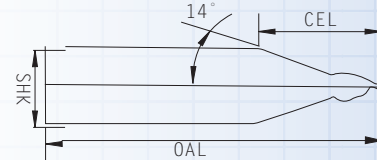
PART NO.	SHK DIA	A	D	H	PRICE(RMB) MORE THAN 10 PICECS
EZ-V1272290	12.7mm	90°	22mm	22mm	70
EZ-V1273890	12.7mm	90°	38.1mm	25mm	125
EZ-V1274490	12.7mm	90°	44.5mm	30mm	132

Thread Milling Tool



PART NO.	Pitch(mm)	CED(mm)	SHK DIA(mm)	PRICE(RMB)
EZLW-4X0.7	0.7	3.15	4mm	55
EZLW-6X1.0	1.0	4.5	6mm	90

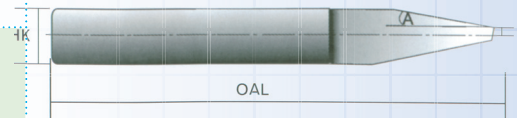
Double-Edged Spiral Cone-Shaped—Tools For Mini And Bevel Edge Letters



Usage Acrylic,PVC,etc

PART NO.	SHK DIA	CEL	TAR	Nose	OAL	PRICE(RMB)
EZ-122228	12mm	22mm	28°	1.0mm	55mm	150
EZ-142628	14mm	26mm	28°	1.5mm	65mm	260

Single Edge-Solid Carbide & Engraving Tools

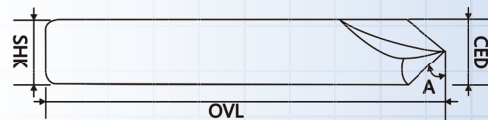


Usage Acrylic,Nylon, ABS,Acetal,PET,HDPE,PE,UHMW, Poly,Carbonates,Polypropylene,Wood,Alumimum,Solid, Surface,Al,Copper,Fe

PART NO.	SHK DIA	A	Nose	OAL	PRICE(RMB)
EZ-6 30/45/60/90 02	6mm	30/45/60/90°	0.2mm	40mm	30

⚙️ Special nose of tool upon request

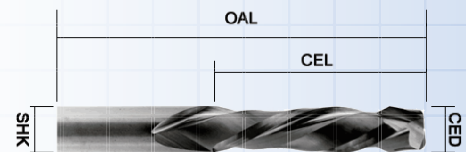
Two Sprial Cutter with Angle



Usage LCD,Acrylic,MDF,Wood,Copper,Al,etc

PART NO.	Nose	CED	A	SHK DIA	OVL	PRICE(RMB)
EZ2D-63002	0.2mm	6mm	30°	6mm	50mm	45
EZ2D-64502	0.2mm	6mm	45°	6mm	50mm	45
EZ2D-66002	0.2mm	6mm	60°	6mm	50mm	45
EZ2D-69002	0.2mm	6mm	90°	6mm	50mm	45
EZ2D-129002	0.2mm	12mm	90°	12mm	50mm	160

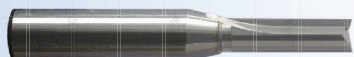
Single Edge-Solid Carbide & Compression Spiral



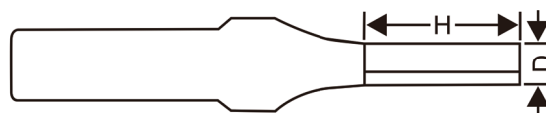
Usage MDF,Hardwoods,Plywood,Double sides Laminates,Wood Composites

PART NO.	SHK DIA	CEL	CED	OAL	PRICE(RMB)
ZE-FH6*22/28/32	6mm	22/28/32mm	6mm	65mm	50/60
ZE-FH8*25/32	8mm	25/32mm	8mm	75mm	85/95
ZE-FH10*32	10mm	32mm	10mm	80mm	140

Wood Tools

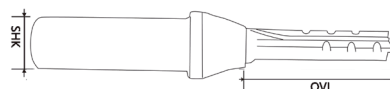
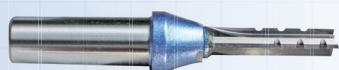


Usage Solid wood, MDF, Plywood



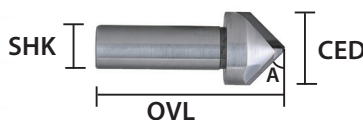
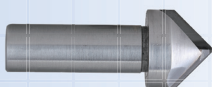
PART NO.	SHK DIA	D(mm)	H(mm)	PRICE(RMB)
EZTCT412	1/2*4mm*12mm	4.00	12	25
EZTCT422	1/2*4mm*22mm	4.00	22	38
EZTCT615	1/2*6mm*15mm	6.00	15	35
EZTCT622	1/2*6mm*22mm	6.00	22	45
EZTCT628	1/2*6mm*28mm	6.00	28	55
EZTCT820	1/2*8mm*20mm	8.00	20	70
EZTCT828	1/2*8mm*28mm	8.00	28	90
EZTCT832	1/2*8mm*32mm	8.00	32	95

Three Flute-Solid High Speed Chipbreaker Tools



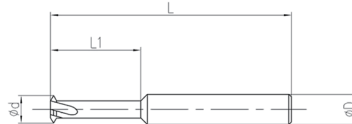
PART NO.	SHK	CED	OVL	PRICE(RMB)
EZBX3622	1/2*6*22mm	6mm	22mm	55
EZBX3626	1/2*6*26mm	6mm	26mm	60
EZBX3630	1/2*6*30mm	6mm	30mm	70
EZBX3822	1/2*8*22mm	8mm	22mm	85
EZBX3826	1/2*8*26mm	8mm	26mm	95
EZBX3830	1/2*8*30mm	8mm	30mm	105
EZBX3838	1/2*8*38mm	8mm	38mm	125
EZBX31027	1/2*10*27mm	10mm	27mm	160
EZBX31230	1/2*12*30mm	12mm	30mm	230

PCD Diamond cutter



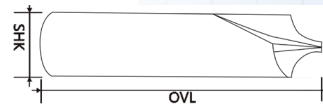
PART NO.	H(mm)	A	D(mm)	OVL	PRICE(RMB)
EZ2FPCD-1260	15	60°	12	50	800
EZ2FPCD-1290	15	90°	12	50	800
EZ2FPCD-12120	15	120°	12	50	800

PCD Diamond cutter



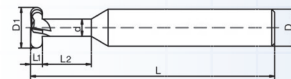
PART NO.	SHK DIA	CEL	CED	Flute	OVL	PRICE(RMB)
EZPCD-812	8mm	12mm	8mm	2	70	800
EZPCD-1012	10mm	12mm	10mm	2	70	800
EZPCD-12612	6mm	12mm	12mm	2	60	850
EZPCD-12817	8mm	17mm	12mm	2	60	1100
EZPCD-12820	8mm	20mm	12mm	2	80	1300
EZPCD-1212	12mm	12mm	12mm	2	70	800

Circular Tool



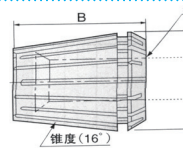
PART NO.	SHK	R	D	OVL	Flute	PRICE(RMB)
EZNR-12XR5	12mm	R5mm	2mm	50mm	2F	160
EZNR-14XR6	14mm	R6mm	2mm	60mm	2F	220
EZNR-16XR7	16mm	R7mm	2mm	70mm	2F	280

Wolfram Steel T-shaped Tool



PART NO.	D1(mm)	D(mm)	L(mm)	d(mm)	L1 (mm)	L2(mm)	PRICE(RMB)
EZWT-816	8	8	50	3.9	1.6	12	80
EZWT-830	8	8	50	3.9	3	12	80

ER Collect



PART NO.	D(mm)	A(mm)	B(mm)	PRICE(RMB) MORE THAN 10 PICECS
ER20	2 ~ 3	21	31	40 UP/60 SYIC
ER25	2~16	26	35	40 UP/80 SYIC
ER32	3~20	33	40	40 UP/80 SYIC
ER40	4~26	41	46	150

ER Clamping Nut



		PART NO.	D	L	SPANNER	PRICE(RMB)
ER NUT	M	EZ-ER20M	28mm	19.0mm	20M	90
		EZ-ER25M	35mm	20.0mm	25M	170
	UM	EZ-ER25UM	42mm	20.0mm	25UM	170
		EZ-ER32UM	50mm	22.5mm	32UM	270

ER Collect Chuck

TAPER	PART NO.	LENGTH	Suitable Collect	Suitable Spanner
BT30	-ER 25-75	75mm	ER25	ER25UM
ISO30	-ER 32-51	51mm	ER32	ER32UM
HSK F63	-ER 40-76.5	76.5mm	ER40	ER40UM

EZCNC SOLUTIONS

Dual Ballscrew with Driven Nut

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