

WEIFANG AOKAI CNC EQUIPMENT CO.,LTD.

PROFESSIONAL MANUFACTURER

QUALIFIED R&D AND AFTER-SALE TEAM

CONSIDERATE SOFTWARE



Version : 1.0

COMPANY BRIEFINGS

Weifang Aokai CNC equipment Co., Ltd. is a modern CNC manufacturing enterprise integrating the R & D, manufacturing and sales of advertising equipment. It is the earliest professional manufacturer of bending machine in China. Through years of development, the company has a number of strong technical research and development team. According to the market demand, the company also introduces the advanced experience and technology of South Korea and the United States and has developed all kinds of bending machines suitable for domestic and foreign markets. The products are sold to more than 100 countries. The company provides one-stop supporting services such as installation, training, maintenance and repair.



Letter bending machine

AOK-L160



Model No.	AOK-L160
Applier material	Flat aluminum, Edged aluminum profile
Material thickness	0.4-1.2mm
Material width	30mm -160mm
Feeding	Auto feeding, 8 rolls in 4 groups
Slotting	Auto slotting, slotting angle 45° - 135°
Bending	Auto bending, mini angle R5
Control system	ADTECH
Precision	0.05mm
Speed	60mm/s(It takes only 48 seconds to finish a letter "S" of 30CM)
Input file format	DXF, PLT, AI
Motor	Stepper (feeding slotting and bending motors all 750W)
Working .Power	1000W
Voltage	1PH
Dimension	2900*700*1400mm
Weight	220kgs

Letter bending machine AOK-L130H / AOK-L180H



Model No.	AOK-L130H	AOK-L180H
Applier material	Flat aluminum, Edged aluminum profile, Foam aluminum	
Material thickness	0.4-1.2mm	0.4-1.5mm
Material width	30mm -130mm	30mm-180mm
Feeding	Auto feeding, 8 rolls in 4 groups	
Slotting	Auto slotting, slotting angle 45° - 135°	
Bending	Auto bending, mini bending radius 5mm	
Control system	ADTECH	
Precision	0.05mm	
Speed	60mm/s(It takes only 48 seconds to finish a letter "S" of 30CM)	
Input file format	DXF, PLT, AI	
Motor	Stepper*6(feeding slotting and bending motors all 8nm)	AC Servo 750w * 2+ reducer *2Stepper *4
.Working Power	1000W	1200W
Voltage	1PH	
Dimension	2520*800*1450mm	2520*800*1500mm
Weight	240kgs	300kgs

Letter bending machine AOK-S130



Model No.	AOK-S130	AOK-S200
Applier material	Flat aluminum, Edged aluminum, Aluminum profile, Stainless steel, Galvanized sheet, Iron sheet	
Material thickness	0.3-1.2mm	0.3-1.4mm
Material width	30mm -130mm	30mm -200mm
Feeding	Auto feeding, 8 rolls in 4 groups	
Slotting	Auto slotting, slotting angle 45°- 135°	
Bending	Auto bending, mini bending radius 3.5mm	
Control system	LETTRO	
Precision	0.05mm	
Speed	60mm/s	
Input file format	DXF, PLT, AI	
Motor	AC Servo*2 + Reducer*1 Stepper *3	AC Servo*3 + Reducer*1 Stepper *2
Reducer	1:16	
Align	Auto	
Power	Total 2500W Working less 1500w	Total 3000W Working less 2000w
Voltage	1PH AC220V 50/60HZ	
Working Pressure	0.6-0.8mpa	
Dimension	2500*747*1494mm	2500*747*1564mm
Weight	500kgs	600KG

Letter bending machine

AOK-S130H



Model No.	AOK-S130H
Applier material	Flat aluminum, Edged aluminum profile, Aluminum profile, Stainless steel, Galvanized sheet, Iron sheet
Material thickness	0.4-1.5mm
Material width	30mm -130mm
Feeding	Auto feeding, 8 rolls in 4 groups
Slotting	Auto slotting, slotting angle 45° - 135°
Bending	Auto bending, mini bending radius 3.5mm
Control system	LETTRO
Precision	0.05mm
Speed	60mm/s
Input file format	DXF, PLT, AI
Motor	Servo*3 + reducer *1Stepper *5
Power	Total power 3500W , Working power 2000W
Voltage	1PH
Dimension	2700*747*1494mm
Weight	500kgs

UV Curing machine

AOK-G2516



Model	AOK-G2516
Machine Size	2500x1600mm
Forming Size	2020X1405mm
Lamp set	13sets
Lamp power	80W/pc
Heating device	2PCS
Fans	34PCS
Temperature Control	Auto
Curing Time	30-90mins
Power	2800w
Voltage	1PH 220V 50/60HZ
Dimension	2500x1660x1280mm
Weight	600kgs

Laser welding machine

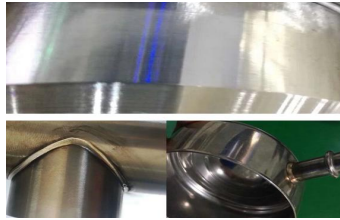
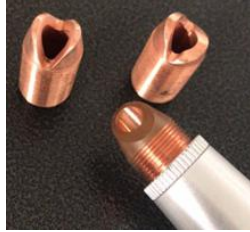
AOK-W350 / AOK-W350H



Model / Without gun	AOK-350
Model / With gun	AOK-350H
Working Table Size	2200X1700mm
Max laser power	350W
Laser wave length	1064nm
Monopulse Max power	110J
Laser welding depth	0.1-3mm
Pulse width	0.1-20ms
Laser welding frequency	1-100Hz
Laser spot size adjusting range	0.2-5.0mm
Whole power consumption	≤7.5KW
Power need	220V±10%/50Hz/40A
Sight positioning	CCD synchronism high definition camera
Laser device vertical travel	≥200mm
Laser device horizontal direction	200-800mm
Dimension	3200*1700*
Packing size	1.75*1.24*1.35mm 2.9m³)
Weight	320kgs

handheld laser welding machine

AOK-WH1500



Tech Spec

Item	500W	1000W	1500W
Fiber length	10M/15M		
Power	220V 50/60HZ		
Welding Depth (mm)			
S.S.	1.5	2.0	3.0
Carbon Steel	1.5	1.5	3.0
Aluminum Alloy	1.0	1.5	2.5
Life	100,000 hours		

Machine advantages:

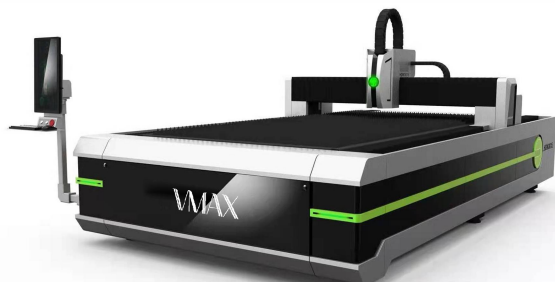
1. Welding line/joint even and beautiful. No deformation, no welding scar. No need of polishing after welding. It greatly save time and cost;
2. Speed 2-10 times faster than traditional welding machine;
3. Ten Times energy efficiency, electro-optic conversion efficiency > 30%;
4. Weld deeply and thinly;
5. Perfectly weld super-thin plate. Reach better effect which argon or other welder can never catch up with;
6. Small and flexible size. With high-qualified chiller. Better for outdoor welding.
7. With considerate safety design. Avoid Safety accident caused by improper operation;

Options for machine:

1. Power: 500w; 1000w; 1500w; 2000w (above 2000w, recommend auto-welding);
2. Machine body: one-piece body; several-piece body (below 1500w, recommend one-piece; above 2000w, recommend several-piece body)
3. welding gun: regular gun; wobble gun. (regular welding, thin plate welding, small welding line, recommend regular welding gun; irregular plate, bigger welding line, recommend wobble welding gun);
4. welding nozzle: internal nozzle (fillet welding); external nozzle (positive angle welding); flat nozzle. Each machine with three nozzle.

FIBER LASER CUTTING MACHINE

AOK-F3015



Item	Spec.	
1	Table size (L*W)	1500mmX3000mm
2	X Route	1500mm
3	Y Route	3000mm
4	Z Route	100mm
5	X/Y Position Accuracy	±0.04mm/m
6	X/Y Re-position Accuracy	±0.03mm
7	X/Y Backlash	0.015mm
8	Acceleration	0.8G
9	X/Y SR	50m/min
10	Lathe Weight	2000KG
11	Max Load	1000KG
12	Machine spec.	3000mm*5000mm*1630
13	General Power IP	IP54
14	cooling	Water

Item	Part	Brand	Spec	Qty	Origin
1	Laser Source	MAX	1500W	1SET	Shenzhen
2	Fiber cutting head	EM Power	220	1SET	Shanghai
3	Optical Lens	 OPHIR A Newview Company	F1	1SET	Israel
4	CNC system	Friendless 1000C		1SET	Shanghai
5	Automatic oil injection	M Richell		1SET	Nanjing
6	Servo motor and driver	FUJI	400W	4SETS	Japan
7	XY Planetary reducer	 SHIMPO A Nidec Group Company	V	3SETS	Japan
8	Helical gear rack	YYC	M2-6	3SETS	Taiwan
9	Linear Railway	 HIWIN Motion Control and System Technology	HGH	3SETS	Taiwan
10	Low-V Electronics	 Schneider Electric Delixi Electric	A9	1SET	France
11	Water chiller	Hanli	1500W	1SET	Wuhan
12	Proportional Valve	SMC		1SET	

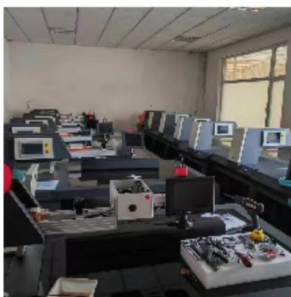
Samples



Patent



Factory



Clients

