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Simple Operation CNC Plasma Cutting Machine 2060 With 0-8000mm/Min Cutting Speed



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Product Details:	
Place of Origin:	Jinan, China (Mainland)
Brand Name:	JINAN QUALITY CNC
Certification:	CE CO
Model Number:	QCP2060
Payment & Shipping Terms:	
Minimum Order Quantity:	1 set
Price:	5700USD --6800USD
Packaging Details:	Package size: 2280mm*6800mm*1700mm 2000KG standard export plywood box
Payment Terms:	Western Union, L/C, T/T
Supply Ability:	100 SETS per one month

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Detailed Product Description

Name:	Desk Plasma Cutting Machine 2060	Control System:	Starfire SF-2012AH-QG
THC:	Start Microstep AHA-L1	Motor & Driver:	Japanese Servo Yaskawa 400w
Rail:	Hiwin NO 20 Square Linear Rails	Cutting Speed:	0-8000mm/min
Travelling Speed:	0-10000mm/min	Application:	Iron Sheet, Aluminium / Copper Sheet,galvanized Sheet,stainless Steel Plates,carben Steel Plates,wild Steel
High Light:	cnc plasma cutting table, computerized plasma cutting table		

Cnc Desk Plasma Cutting Machine 2060 For Cutting Metals With HuaYuan

Descriptions of Cnc Desk Plasma Cutting Machine 2060 For Cutting Metals With HuaYuan

QCP Plasma CNC cutting or CNC flame cutting machine is a new type of thermal cutting equipment. It works by using a plasma arc (with compressed air) or a high-temperature high-speed flame (with oxygen + acetylene or propane) as a heat source to partially melt and cut metal simultaneously, then blow away the molten metal with a high-speed air stream so as to form a narrow slit. The machines not only have high cutting speed, narrow slit, flat cut, small heat affected zone, low deformation of the processing metal, simple operation, but also with remarkable energy saving and material saving effect.

1. QCP plasma cutting machines adopt high-quality cast steel to build gantry to make sure of rigidity and light weight structure,so the machines can move more stable ,more smoothly and more precisely with less movement inertia, also prolong the lifespan of the motors greatly.

2. X and Y axis adopt Taiwan-imported Hiwin linear square rail and siding blocks,and Y axis is driven by dual-big-torque motors , which make the machines moving more smoothly and precisely.

3. Professional STARFIRE 2300 controller system as standard configuration:
- 1). STARFIRE system is designed to cut metals with plasma and torch 2 kinds of cutting-mode;
 - 2). High reliability as well as good resistance to plasma disturbance, lightning and surge;
 - 3). Applied torch/plasma cutting technology, able to perform corner speed control and height control automatically;
 - 4). Kerf compensation, reasonability check and simulating operating;
 - 5). Breakpoint restoration, automatic power-back recovery and automatic breakpoint memory if electrical powering break;
 - 6). Random section and piercing point selection;
 - 7). Extended piercing for thick plate and bridging feature for thin plate;
 - 8). Optional piercing position feature in mode of RETURN, SECTION(return,section) and RESBREK(breakpoint restoration), very convenient for user control;
 - 9). Ready for transitional cutting operation at any moment;
 - 10). Special short line machining feature based on smooth travel, extensively applicable to metal blanking as well as advertisement and ironwork fabrication, etc;
 - 11). 24-type-part patterns in LIBRARY including the common machining parts , extensible and customizable and with auto-nesting function;
 - 12). Compatible with many professional nesting softwares such as IBE(Germany), FASTCAM, etc;
 - 13). Interface language can support English,Russian,Spanish,French,Czech,Japanese and Slovankian,also it can be customized to other language;
 - 14). 10" colour-screen with dynamic graphic display, 8-times zoom, free point automatic tracking;
 - 15). Using U disk read,edit ,operate the file and upgrading the controlling-software easily.

4. Professional THC can adjust plasma-cutting torch up and down automatically to keep fixed distance with the metal plate ,so the plasma torch can cut unflat metal plate safely and quickly.The working way of THC is based on the characteristics of constant current of plasma power generator and checking the arc voltage of plasma power generator to control the torch height momentarily.

5. Plasma torch can cut the 0.1-30mm metal sheet with plasma power generator. (The exact cutting thickness depends on plasma power generator, please see the Cutting Thickness in the following.)
Flame torch can cut the 5-200mm metal sheet (cutting speed 0--1000mm/min) with oxygen + Propane or acetylene. (There is no plasma power generator for flame cutting.) Flame cutting torch is for optional.



Applications of Cnc Desk Plasma Cutting Machine 2060 For Cutting Metals With HuaYuan

QCP plasma cutting machines are widely used to cut iron sheet, aluminium / brass / copper / titanium / nickel sheet, galvanized sheet, stainless steel plates, carbon steel plates, mild steel, alloy steel and almost all metal plate and pipes (needs rotary device for pipes-cutting) with fast working speed, high precision and low cost.

Machine technical parameters of Cnc Desk Plasma Cutting Machine 2060 For Cutting Metals With HuaYuan

I. Basic Configuration Technical Parameters			
Machine package dimension & weight	2280mm×6800mm×1700mm 2000KG		
Effective cutting size	2000mm×6000mm		
Plasma cutting torch	1 set (flame torch as for optional)		
Plasma cutting thickness	according to plasma generator		
The cutting torch height	≤170mm		
Cutting speed	0-8000mm/min depends on metal thickness, arc set on THC, current set on plasma generator)		
Travelling speed	0-10000mm/min		
II. Critical Parts List			
Name	brand & specifications	set	
Plasma machine frame	heavy duty frame with 4.5mm thickness	1	
Controlling system	Starfire SF-2300AH-QG (10 inch display screen)	1	
Arc Voltage Plasma Torch Height Controller	Start Microstep AHA-L1	1	
Motor & driver	Japanese servo yaskawa 400w	3	
Rail	Taiwan Hiwin NO 20 square linear rails	4	
Rack	Longitudinal 7 precision rack		
Switches & contactors	Schneider		
High strength bearing	Japanese NSK		
Anti-collision device	JINAN QUALITY CNC	1	
Independent control cabinet	JINAN QUALITY CNC	1	
Automatic programming and nesting software	Australian FastCAM software	1	
Warranty time	3 years (replace parts during warranty for no human reasons)		
III. Machine Frame			
1. The gantry adopts the German messel technology and the machine frame with eliminating structure of torsional moment. The gantry is a cast-steel structure, so that it will not be deformed in long-term use.			
2. The mechanical transmission system all USES the precision rolling bearing and the processing precision is the national standard 7 class precision gear and the rack meshing.			
3. The automatic compensation gap device is added in the transverse and longitudinal gear transmission structure, so that the transmission structure can accurately execute the instructions from the numerical control system.			
4. Active end beam: longitudinal track adopts linear slide rail to make it run smoothly in two tracks.			
5. All parts and components of the machines are treated with blackening, electroplating and other surface treatments.			
6. The whole machine is sprayed primer after sandblasting, surface paint using orange paint, the color of red and black.			
IV. Mechanical Accuracy			
Linear positioning accuracy	±0.1mm/10m	Linear repetition accuracy	±0.4mm/10m
Cutting torch stroke accuracy	≤100mm	Cutting speed accuracy	±5% speed set
Cutting torch automatic lifting precision	±0.5mm		
Side length error (four sides)	0.5mm	Diagonal deviation	0.5mm
Return to origin deviation	0.3mm	Intersection point deviation	0.5mm
Diagonal straightness	0.5mm	2-direction Line deviation	0.2mm
Positioning accuracy of the whole machine	0.1mm		
V. Work Environment			
Input voltage	220/380V±10% 50Hz±1% plasma generator: 380V±10%; control cabinet: 220V±10%		
Input power	5000W		
Ambient temperature	0 to 40 °C	Relative humidity	95% (non-condensation)

Machine Parts of Cnc Desk Plasma Cutting Machine 2060 For Cutting Metals With HuaYuan



Cutting thickness of Cnc Desk Plasma Cutting Machine 2060 For Cutting Metals With HuaYuan

Chinese HuaYuan Brand	
Hua Yuan 63A	< 5mm

Hua Yuan100A	<carben steel 12mm,stainless steel 6mm
HuaYuan120A	<carben steel 18mm,stainless steel 10mm
HuaYuan160A	<carben steel 25mm,stainless steel 15mm
HuaYuan200A	<carben steel / aluminium 30mm,stainless steel 20mm
USA Hypertherm Brand	
Hypertherm45A	<carben steel 8 mm,stainless steel 5mm
Hypertherm65A	<carben steel 12mm,stainless steel 8mm
Hypertherm85A	<carben steel 16mm,stainless steel 12mm
Hypertherm105A	<carben steel 20mm,stainless steel 14mm
Hypertherm125A	<carben steel 25mm,stainless steel 16mm
Hypertherm 200A	<carben steel 32mm,stainless steel 22mm

Our service of Cnc Desk Plasma Cutting Machine 2060 For Cutting Metals With HuaYuan

1. The company who initially provide 3 years warranty in the world;
2. 24-hour full after sales service;
3. All finished machines we delivered are 100% strictly tested by our QC department and engineering department and sending working zamples together with machines;
4. OEM Service Customized and OEM orders are welcome due to our abundant experiences. All the OEM services are free.
5. Standard Package List as below:

QCP 2060 plasma cutting machine	1 SET
Plasma generator according to your need	1 SET
Nozzles and electrodes	Hypertherm: 2 sets (HuaYuan :10 sets)
Smoke-ventilator	1 SET
Foot-pads	6 SETS
Australian FastCAM software with dongle	1 SET
Proximity limit (as spare part)	1 PIC
Allen wrenches	1 SET
U DISK (operating manual and videos)	1 PIC
Cutting zample	1 PIC (as your requirements)

About us

Q1: How about warranty?

A1: 36-months quality guaranty, the machine with main parts(excluding the consumables) shall be changed free of charge when if any problem during the warranty period.After 36-months warranty, we ll offer all the parts with the agent price.

We offer lifetime technical supports, afterservice person in charge :Skype / whatsapp/ Wechat/ Tel: +8613176441785 Carol zhu.

Q2: What's the delivery time?

A2: 10-15 working days to delivery port.

Q3: What's the usually delivery terms?

A3: FOB, CIF, DDP, Exworks will be OK.

Q4: What's the MOQ?

A4: 1 set.

Q5: What's the delivery port?

A5: Usually Qingdao port, also we can deliver machines to Shanghai port and Guangzhou.

Q6: What's the packing?

A6: Iron Pallet and export- standard Plywood cases .

Q7: Can I change the motor to my local voltage and frequency, Is there any extra charge?

A7: Yes, we can supply motor ,all parts and components with your local frequency and voltage, such as 220V/380V/410V/415V/440V, and 50HZ/60HZ with no-profit charge.

Q8: Can you place OEM orders?

A8: Yes,OEM orders are acceptable. We can manufacture machines according to your requirement with your design,logo,color,materials or brand information.





Q9:Where is your factory located? How can I visit there?


A9:Our factory is located in JiNan City, Shandong Province, China, about 2 hours from Beijing, 3.5 hours from Shanghai and 10 hours from Guangzhou by high-speed train.

Tag: [cnc plasma cutting table](#), [plasma metal cutting machine](#), [computerized plasma cutting table](#)

Contact Details

JINAN QUALITY CNC MACHINERY & EQUIPMENT CO.,LTD
Contact Person: **Miss. Carol Zhu**
Tel: **0086 131 7644 1785**



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Send your inquiry to our good quality Simple Operation CNC Plasma Cutting Machine 2060 With 0-8000mm/Min Cutting Speed products.

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Cnc Plasma Metal Cutting Machine 1325 With High Cutting Speed CE Approved

HuaYuan 63A Cnc Plasma Cutting Machine 1325 For Cutting Thin Metals

Professional CNC Plasma Cutting Machine , Computerized Plasma Cutting Table

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