

Affordable Table CNC Plasma Cutting Machine

The Affordable Table CNC Plasma Cutting Machine cuts your intricate digital designs faster and more accurately than any other metalworking power tool. Create projects with the strongest, most durable materials in the world. From auto parts, to real structural components, to weather-resistant art and signage.



1. Product Introduction

5×10 welded frame plasma table. Feast your eyes on it! The best-selling SUNNA Affordable Table CNC Plasma Cutting Machine is by far the highest total production product! Take back every inch of space invested in SUNNA Affordable Table CNC Plasma Cutting Machine with enough cutting envelopes to cut automated repetitive tasks and become the leading producer near town shop. Provides faster, cleaner cuts with a precise motion system and a sturdy, heavy-duty build. Our product line includes select components and supports a long list of great features, excellent longevity support, all at reasonable prices.



Sunna High Speed 4x8 Affordable Table CNC Plasma Cutting Machine with Automatic Torch height controller, which is mainly used for all metal sheets cutting in homeshop, small business or industrial manufacturing. All machines in this series are equipped with the latest technology and work extremely reliably.

2. Product Parameter (Specification)

No.	Technical specification of Affordable Table CNC Plasma Cutting Machine		
1	Model	SN-1325P	SN-1530P
2	Power source	AC 220/380±10%VAC 50/60Hz	
3	Cutting mode	Plasma	
4	Effective cutting range(mm)	1300*2500mm	1500*3000
5	Input Voltage	220V, 50HZ	
6	Cutting speed(mm/min)	0-8000mm/min	
7	Cutting thickness(Flame)(mm)	6-160 (O2/C3H8 or C2H2)	
8	Move precision	±0.2mm/m	
9	Torch	Flame, electric height adjustment(±60mm)	
10	Processing thickness(mm)	0.5-30mm	
11	Cutting system	Starfire control system	
12	Height control	THC (Torch Height Controller function)	
13	Cutting thickness	According to the power supply(4-200mm)	
14	Cutting gas	Air	
15	Gas pressure	0.4-0.8Mpa for normal plasma power	
16	Servo motor	Stepper Motor and driver /Servo (Optional)	
17	X, Y axis	High Quality Rack & Pinion and Taiwan linear rail	
18	Power	40A/45A/60A/63A/65A/85A/100A/120A/160A/200A	
19	Voltage	220V/380V	
20	Processing Materials	Iron, steel aluminum sheets, galvanized sheets, Titanium plates	

3. Affordable Table CNC Plasma Cutting Machine Main Feature

- 1--Welded lathe bed of thick-wall profiled steel, more solid and stable.
- 2--Reasonable lathe table design, 10 mm thickness steel plates fixed on lathe table covered by cast sheath with spikes. Steel plates will not be damaged even under raging flame. The level difference of whole double-deck platform remains in 0-1.5mm.
- 3--High quality stepper motor and high accuracy rack transmission. Low noise, stable and accurate coordinate movement
- 4--DSP offline hand controller; Software Type3 and Ucam with auto material saving function.
- 5--Standard configuration: high accuracy plasma generator, which can cut through 30mm metal plate.
- 6--Breakpoint restoration, automatic power-back recovery and automatic breakpoint memory,
- 7--Special short line machining feature based on smooth travel, extensively applicable to metal blanking as well as advertisement
- 8--Advanced material inclined discharging design. All finished work pieces and fragments slide into tunnel for safe and convenient collection.

4. Affordable Table CNC Plasma Cutting Machine Main Parts Introduction



Torch Height Controller

Sunna is for controlling position of the torch relative to the material being cut. The torch height control uses arc voltage to maintain a consistent distance from the plate while the torch is cutting.



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Starfire Plasma Control System

Applied torch plasma cutting technology, able to perform corner speed control and height control automatically.



Liner guide

Taiwan Hiwin linear guide and transmission to make sure the high accuracy



Fastcam Software

Some Standard patterns included and Auto Nesting to save more materials



High Quality Domestic HUAYUAN Plasma Source

High efficiency plasma generator result high precision and efficient cutting performance.



Electrode and Nozzel

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We suggested to buy extra sets of electrode and nozzle as spare parts(The price is \$5/set, includes 1pc nozzle and 1pc electrode, You can buy extra 20~30sets as a standby)

5. Applicable Industry and Materials

Affordable Table CNC Plasma Cutting Machine can cut steel, stainless steel, brass, bronze, copper, expanded metal etc. It can be used in the industry of armored vehicles, automotive fabrication, construction, decorative fencing, job shops, manufacturing, sign shops, metal fabrication etc.



6. Package and Delivery for Plasma Cutting Machine

SUNNA INTL has been cooperating with several big transport agents and shipping companies for long terms, and all machines are packed with standard plywood case for export, it can be transported to you safety as soon as possible.



International Shipping Term

All the CNC machines can be shipped worldwide by sea, by air or by international express logistics via DHL, FEDEX, UPS. You are welcome to get a free quotation by filling up the form with name, email, detailed address, product and requirements, we will shortly contact you with the full information including the most suitable delivery method (fast, secure, discreet) and freight.

CNC Plasma Cutting Machine After Sales Service:

1--SUNNA INTL is a company that focuses on research and manufacture of modular CNC machines. We have very rich experience and strong machine tool research and development capability. We are very willing to offer you customized highly-efficient equipment as long as you have a certain amount of needs.

2--We will supply cnc plasma cutters with training videos and user's manuals in English for installing, operation, maintenance and trouble-shooting, and shall give technical guide by e-mail, whatsapp, wechat, telegram, teamviewer, telephone and so on, when you meet some problems of installation, using or adjusting.

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3--You can come to our factory for training. SUNNA will offer professional guide. Direct and effective face-to-face training. Here we have assembled equipments, all sorts of tools and testing facility,we will also provide accommodation during training period.

Training Time: 1-10 working days.

4--For the out of warranty machine which needs to replacement parts, we will charge according to the parts quotation. If you have any questions, please email us for consultation.

SUNNA supports OEM, custom design any appearance you want, minimum order quantity is one, and we are looking for agents worldwide. We pride ourselves on offering a different experience.