

SCOUT-3

Plasma and flame portable gantry machine Scout 3



Standard configuration



Cutting function:
Air plasma cutting,
flame cutting



Cutting Size:
1500*3000mm,
2000*3000mm,
2000*6000mm.



Running speed:
1-6,000 mm/min

TABLE PLASMA CUTTING MACHINE INSTRUCTION .

SCOUT-3 CNC plasma/flame cutting system can cut any flat shape parts composed of straight lines and arcs. The graphic is static and dynamic, easy to learn, can be programmed directly on the machine, or can be drawn on a computer or attached by using a ready-made CAD file. The gifted software is directly converted into a G code program file and is automatically cut by copying it to the operating system through a USB flash drive. TABLE gantry type double-sided drive structure, exquisite system structure, high degree of automation, simple operation, convenient maintenance, high reliability, easy cutting from sheet metal to large thickness steel plate, the product is widely used in metal sheet cutting in various manufacturing fields. The cutting process can cut carbon steel, stainless steel, alloy steel, aluminum, and other non-ferrous metal sheets.

Multiple choices

We have professional CNC instructors to help you analyze and sort out your cutting needs, and provide you with the most reasonable solution!

• Cutting mode

STANDARD FEATURES:

Plasma cutting mode + flame cutting mode.
(Plasma mode with arc voltage control THC,
Flame mode with electric lifting function)



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BASIC CONFIGURATION INFORMATION

Main parts	Unit	Quantity	Instruction
Host	1	1	SCOUT-3
Working area	mm	1	2000*3000 2000*6000
CNC Controller	set	1	F2100
Driver	pc	3	Rack
Motor	pc	3	Leadshine motor
Reducer	pc	3	Taiwan
Lifter	set	1	
Plasma power	set		According to Power source
THC	set	1	FANGLING
Wire	set	1	
Cutting model		2	Plasma cutting mode/ Flame cutting mode
Software	Set	1	Fastcam pro or Fastcam mini

Notice: According to the different size of the cutting machine, the supporting system software version is different, as follows:

1500*3000mm: Fastcam Pro Mini

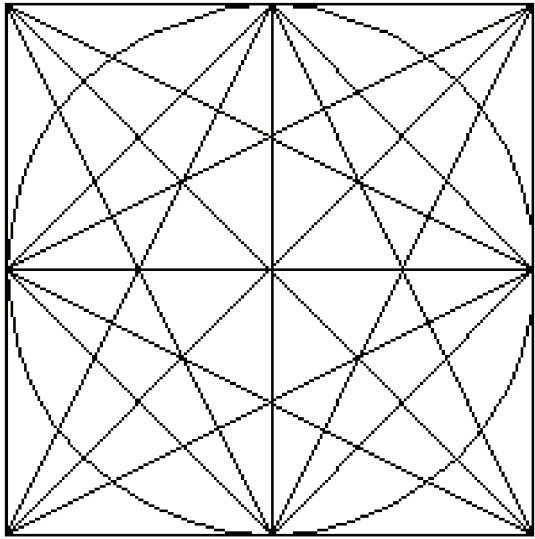
2000*3000mm/2000*6000mm:Fastcam Pro



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TECHNICAL PARAMETERS

Lifter range	120mm
Working speed	0-6000mm/min
Machine integration accuracy (based on the right composite image) side length (four sides) 1000*1000 line speed 500-800mm/min	

EQUIPMENT WORKING ENVIRONMENT REQUIREMENTS.

Ambient temperature	0°C– 50°C
Relative humidity	<90% non-condensing
Surroundings	Ventilation. No major impact
voltage	220v
Power frequency	50HZ/60Hz
Compressed air source pressure	0.8MPa
Oxygen pressure	0.8MPa
Gas pressure	0.1MPa



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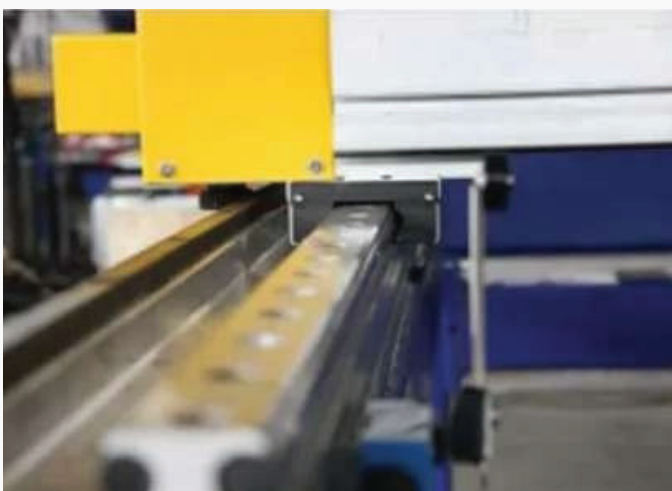
1. Full Chinese/English menu system, one-click switching between Chinese and English.
 2. | 45 common graphics libraries (including grid graphics), with the option to set the tile size and hole size.
 3. | graphic scale, rotation, mirroring.
 4. Graphics can be matrix arranged, interactively arranged, stacked
- | The original size of the workpiece and the size of the slit are displayed simultaneously, which is intuitive and convenient.
 - | Graphic steel plate correction, any steel plate edge can be used as a correction edge
 - | Supports 3 modes of oxygen gas, plasma and demonstration.
 - | Support edge cutting, reduce warm-up time for thicker steel plates.
 - | Accelerate and decelerate in real time during exercise.
 - | According to the thickness of the steel plate, it can automatically limit the speed at the corner to effectively prevent overburning.
 - | Manually select the starting line or select the punching point.
 - | Dynamic/static processing graphic display, graphic enlargement/reduction, dynamic tracking cutting point under magnification.
 - | DSP high-speed, high-precision interpolation control, high-speed operation, stable operation, low noise.
 - | Arbitrarily set the starting speed and lifting speed time.
 - | With power-off, breakpoint protection and memory function.
 - | "Offset cutting" function can avoid the waste of the board due to incorrect calculation of the nesting.



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PRODUCT DETAILS



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Shipping Package

We are well aware of the importance of transportation safety to customer experience. Therefore, we carefully protect the logistics packaging to ensure maximum transportation safety.



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