



Metal CNC Flame Plasma Cutter 59"x118" (1500mmx3000mm)

Item Code: PLA-LP-1530



FOB Price: **\$24,468/set**

Price: **\$20,999/set**

You Save: **\$3469.00(14%)**

Mini Order: 1 set

Shipping Weight: ★★☆☆☆

Average Rating: 6253.3lb (2842.4kg)

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Overview

Application:

It is mainly used to cut kinds of metallic materials such as armor plate, aluminum, iron and copper, and so on. If the format of your metal materials is within 51" x 71" (1300 x 1800mm), you can choose this machine.

Products Highlights:

- . The unit adopts casting framework axis adopts gear wheel and rack moving, XZ axis adopts precise ball bearing rail moving, imported high precision slide way, thus the working speed and precision is guaranteed well
- . Adopting electrical current adjustable plasma power supply to regulate the current according to the thicknesses of different material, thus coarse of the material is avoided.
- . Professional non-touching THERMADYNE plasma head imported from USA, It can cut kinds of metallic materials within 0-10mm thickness.
- . More advanced DSP digit-control system, handle operation and large liquid crystal display brings more convenient operation, simpler maintenance and much more human nature.
- . Unique intelligent calculation holly develops the potential of the engine and leads to high speed processing, the synchronization of curves and straight lines, smoother curves and race speed at 472" (12000mm)/min.
- . Simple up-grading makes the machine has best capability always.
- . Large internal memory capacity of 128M, 30 programs available simultaneously and out-putting randomly.
- . Connecting via USB enables instantaneous data system Window 98/NT/2000/XP.
- . More compatible with series of CAD/CAM software like Type3, Artcam, Castmate, proe, UG, Artcut, etc.

About CNC Plasma Cutter:

Plasma cutting is a process that is used to cut steel and other metals (or sometimes other materials) using a plasma torch. In this process, an inert gas (in some units, compressed air) is blown at high speed out of a nozzle, at the same time an electrical arc is formed through that gas from the nozzle to the surface being cut, turning some of that gas to plasma. The plasma is sufficiently hot to melt the metal being cut and moves sufficiently fast to blow molten metal away from the cut. Plasma can also be used for plasma arc welding and other applications.

Plasma cutting is a vital process for any metal fabrication shop. Unlike oxy-fuel, plasma can cut stainless steel, aluminum, and brass, as well as mild steel.

CNC operation, using your PC to create shapes and control a cutting table can produce complex cuts smoother than a bandsaw in

1/20th of the time or less.

Warranty and After-sale Service:

The warranty is valid for 1 year from 'the goods' arrival at Destination Port.

If need, we can send our engineer to give you 3 days training, maintenance or other technical support for free, buyer shall afford the traveling cost, lodging and accommodation of our engineer. But extra fee will be charge if the service time exceed 3 days.

If there is standard part breaks with quality problem within warranty, buyer send seller the broken part, we will send a new part to buyer soon and guide buyer how to change it as has been taught in training.

User-friendly English manual for machine using and maintaining.

Samples:



Details

Driver	Stepper
Cutting Thickness	0.5" (12mm)
Max. Cutting Speed	472" (12000mm)/min
Max. Cutting Area	59"x118"x3.5" (1500x3000x90mm)
Manner of Receiving Data	USB interface or U disk

Specifications

Parameters of Plasma power-Standard Value

Travel of Engraving	59"x118"x3.5" (1500x3000x90mm)
Maximum Speed	12000mm(472")/min
Manner of Receiving Data	USB interface or U disk
Capacity of Memory	128M
Format of Instructions	G code,HPGL
Power Supply	AC220/50HZ
Electric Power	800W
Driving System	Stepper
Weight	700kg
Plasma Power Supplier Parameters	
Functional Index	Standard Value
Input Power	3?380V±20%/50Hz
Rated Input Current	60A
Rated Input Current	12KVA
Rated Cutting Power	60A
Rated Cutting Voltage	90V
Rated Adj Range	15-60A

Rated Duty Cycle	60%, 40degree
Dimensions (LxWxH)	18.9"x9.8"x17.7" (480x250x450mm)
Rating of Insulation	F
Weight	88.2lb (40kg)
Machine Dimension	116"x65"x57" (3350x1650x1450mm)
Machine Weight	1278.7lb (580kg)
Package	Fumigation free package
Packing Size	150"x87"x67" (3800x2200x1700mm)
Gross Weight	1653.5lb (750kg)



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