

PT 100 CNC SYSTEM

Portable, easy to set complete CNC Plasma cutting system



High quality cutting

The digital controller can control the motion of two axis, which is apt to the application of plasma cutting. This system is very light and handy. It provides menu or illustration for all the operations for the convenience of users. All key switches design with human consideration, and they are very convenient and comfortable. Provide a front USB interface, and facilitate the import or export documents. And it chooses high speed DSP and ARM as its core to assure the cutting process to be more stable. Such as LCD graphic display, file operations, system configuration are east to understand.

THE PT 100 CNC SYSTEM INCLUDES:

- X - Y Rails and vertical motorized slide
- CNC 1 consolle equipped with industrial PC
- P-Tronic 100A plasma Cut power source
- PTM 100 Automatic appl. 100A plasma cut torch
- Set of connection cable
- CNC software

CHARACTERISTICS OF SYSTEM

- No arc HF ignition
- Long life plasma cut spares
- High quality cutting and exelent travel speed
- Adjustable cutting current $20 \div 100A$ (100A ED 60%)
- 5.7 inches 320*240 dots LCD
- English menu
- 45 categories different graphics (including grid pattern), chip part and hole part are alternative
- Support the EIA code (G code) and various FastCAM software
- Self-diagnostic function, to diagnose the key state and all the IO state, facilitate inspection and debug
- Provide a front USB interface for the transfer of code and system upgrade
- Import and export documents by a single or all files
- Parameters backup and online upgrade
- Including various types of processing parameters to meet the needs of different processes
- Plasma arc feedback, positioning feedback, automatically shut down the arc when at the corner
- Movement can be real-time acceleration, deceleration
- Dynamic/static illustration of the process, graphics zoom in / out, dynamically tracking cut-off point under zooming state
- DSP as core to give high speed and accurate control, stability and low noise
- Starting speed and acceleration can be set by your convenience

TECHNICAL DATA

Three Phase	Fuse	ED	Input Power	Max no load voltage	Current range	Protection Class	Dimension	Weight	Cutting Area	Vertical Control Motorized	Precision
400V	T25A	60%	23KVA	310V	20 ÷ 100	IP215	340X570X610	<ul style="list-style-type: none"> •70Kg without power source •110Kg with power source 	2000X1200 mm	0 ÷ 1500mm	0,42 mm