

Features

- The system has a highly reliable design, and has the ability to resist plasma interference.
- Suitable flame/plasma cutting process, during plasma cutting, the corner speed control and height controller control can be programmed
- Kerf width compensation function provided.
- Breakpoint recovery, automatic power-off recovery function, automatic memory of breakpoints
- Rewind, segment selection, optional punch position and other functions, which greatly enhances user options.
- Contains 50 kinds of graphics parts library, including commonly used basic parts.
- Fully compatible with mainstream nesting software such as FASTCAM, MOST 2D & Star CAM.
- Dynamic graphic display, 1 to 8 times graphic magnification, automatic tracking of moving points.

Height Controller

The machine uses Arc voltage height controller for plasma which uses precision slides for faster movement

Other Features

Towline is used for all the pipes and cables. Limit Switches are used for safety.

Technical Specifications

CNC Controller

ARM Based processor
 10 inch LCD display
 16/14 Optically isolated I/O
 2 Axis control
 Possible to achieve high speed of gantry.
 4 GB program storage capacity,
 Size: 410×310×119 (mm)

Height Controller

Adjustable initial height
 Arc ON delay function
 Test mode to test initial height
 Pilot Arc test mode to check the power source

Customer Scope

- Cutting Table to be fabricated by the purchaser & drawing for the same will be given by us.
- Power supply: 220 VAC + 5% 50-60 Hz, provide 5 KW voltage stabilizer;
- Gas supply: Oxygen, acetylene or propane, oxygen > 99.3% purity, acetylene or propane > 95% purity; along with suitable regulators
- Compressed air with Air Dryer in case of plasma cutting system
- Provide less than 4 ohms safely ground.
- Input supply point and required cable
- Earth cable in case of plasma.

