



Description

B-series heavy gantry plasma flame cutting machine uses plate tenon and mortise welding gantry, with bilateral servo drive. The end beam uses an externally mounted roller structure, which is stable in movement and easy to adjust. It can achieve high-precision cutting with high-precision reducer and rack. The machine uses industrial CNC system, such as Hypertherm, Beckhoff, Fangling. It is an ideal model for large and medium-sized enterprises to cut steel plates with high accuracy and stability.

Features

1. The whole machine adopts the welded steel plate welded structure. The beam is cut by laser cutting and then welded together. The upper and lower sides of the beam are bent by 90 degrees with the steel plate, which can reduce the deformation and increase the rigidity.
2. The beam hanging plate is welded with 20mm steel plate, and the whole surface is processed by gantry planer to reduce the deformation of the whole surface and improve the precision.
3. After the whole machine is welded, firstly, the aging treatment is performed after stress aging, followed by the surface rust removal treatment. After the primer is applied, the surface is painted.

Parameter

| Model | MS-3B | MS-4B | MS-6B | MS-8B |
|----------------------|---|----------|-----------|-----------|
| Rail size | 3.2×8M | 4.2×10M | 6.2×12M | 8.2×16M |
| Cutting range(X/Y) | 2.3×6.5M | 3.3×8.5M | 5.3×10.5M | 7.3×14.5M |
| Y axis rail | 24kg/m (37kg/m optional) | | | |
| Input voltage | Single phase AC220V | | | |
| Input power | About 2000W | | | |
| Running speed | 0-10000mm/min | | | |
| Cutting type | Flame + plasma cutting | | | |
| Operating accuracy | 0.2mm/m | | | |
| Cutting thickness | Flame: 5-200mm, Plasma: optional | | | |
| Customizable items | Cutting range, 37kg rail, Helical gear and rack drive | | | |
| Plasma source option | LGK200 / LGK300 / LGK400 / CUT XD / FLG | | | |