

1500 Laser CNC drilling and milling machine



Equipment Features and Applications:

1. Utilizes an advanced industrial CNC system with a user-friendly human-machine interface, ensuring easy and convenient operation.
2. Suitable for milling and drilling various metal alloy profiles, industrial profiles, composite profiles, hard profiles, and other alloy profiles.
3. Utilizes imported high-precision linear motion pairs, ball screws, rack and pinion gears, and servo motors to ensure smooth operation and high positioning and machining accuracy.
4. Utilizes a high-quality fiber laser cutting head, ensuring stable machining, stable rotation, low noise, high cutting accuracy, and high efficiency.
5. Features a program save function for quick and easy use.

Technical Parameters:

Tilting Angle: 90° inward/outward, 180° horizontal

Effective machining range: 150*150

Machine travel range: X-axis travel: 1500; Y-axis travel: 320; Z-axis travel: 300

X/Y rapid traverse speed: 6000-7000 m/min

Control system: Qinglan or Red Sea intelligent industrial computer

Laser Specifications

Name: Fiber Laser Cutting Head

Model: LC318
Brand: Ospur
Name: Laser Generator
Model: MFSC1500X (G6.1)
Brand: Chuangxin
Connector Type: QBH
Applicable Wavelength: 1080 ± 10 nm
Cutting Power: 1.5 kW
Focal Length: 150 mm
Collimation Length: 100 mm
Nozzle Model: Various Models and Specifications
Focus Adjustment Range: -7 m to +6 m
Centering Adjustment Range: ± 1.5 mm
Assist Air Pressure: ≤ 3 MPa



