Richpeace Dual Galvanometer Laser Cutting Machine

RPLC-NM-S-2-1000×500-B-DM-MC300-NA-3P380

Features

1. During the cutting process, the cutting material moves at a constant speed without interruption on the working platform.
2. With laser cutting and engraving function.
3. Single, double and triple galvanometer mirror system can be chosen, the more galvo mirror used, the higher cutting efficiency.
4. Modular with detachable design, easy for transportation.
5. Extremely high cutting accuracy. Max. tolerance is less than 0.1mm.
6. Adopt light weight galvo mirror, the laser beam moves accurately at a high speed cutting, and it can achieve 10G acceleration.
7. With up and down exhaust function, have stronger power to remove the cutting smoke.
8. Equipped with Automatic Feeding device, ensure smoothing and stable delivery of cutting material.

Application

Airbag, denim, garment, and other soft material.

Parameters

Max. Cutting Area	2000 × Y Direction is unlimited (Other size can be customized)
Machine Dimension	6400mm × 4350mm × 2150mm(L × W × H)
Max. Speed	3000mm/s
Cooling Method	Water Cooling
Laser Wave Length	10.64 μm
Supported File Format	PLT/DXF
Laser Type	Metallic RF Tube
Laser Power	300W(500W/1000W/2000W/3000W is optional)
Single Galvo Mirror Cutting Size	500mm × 500mm (1000mm×1000mm is optional)
Quantity	Dual galvanometer (Optional: single or triple)
Voltage Supply	3-phase 380V/50Hz
Accuracy	± 0.1mm
Repeat Positioning Accuracy	± 0.1mm

Configuration

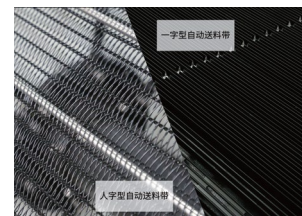Three sets 2.2kW high pressure centrifugal fan, perfect smoke exhaust effect

Metallic RF Tube, higher speed and longer lifetime, with perfect cutting quality

(Auto Feeding device)Automatic fabric spreading, Auto Cutting, release fabric first then feeding, ensure that the fabric is not deformed

Dynamic focusing Galvo mirror, better focusing point, bigger cutting area, faster cutting speed

304 stainless steel mesh belt with two types of specification

Intelligent cooling system, with over temperature alarm, flow protection, water level protection and other safety warning functions, to ensure the machine can run smoothly in high temperature and humidity environment

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