

RODIN RD 1390

Laser cutting and engraving machine



Free Delivery
Free delivery at
proper time



Low Maintenance
Low maintenance cost
Free extended AMC



Customer Support
Online services
support

Application

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Laser cutting and engraving machine



Applicable industry

Signage, Interior and exterior works, Clothing, Footwear, Home textiles, Embroidery, Leather, Luggage, Outdoors, Sports, Car seat. Gift items.



Applicable Materials

Acrylic, MDF, Foam board, Wood, Granite, Soft metal, Genuine leather, Artificial leather, Soft leather, Decorative leather, Packaging leather, All kind of cloths, Pure cotton, Real silk. All kinds of Textile Materials, or Non-Woven Material.



Typical Case

Clothing, Footwear, Luggage, Wild camp, Car seat cut, Cut, such as the Car chair affixed Cloth embroidery, Special-shaped trademarks, Airbags, such as Laser cutting, Garment leather carve patterns or designs on woodwork hollow out.

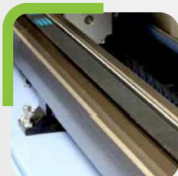
Overview of components



CO2 Laser Tube



LCD Control Panel



Transmission System



Laser Head



Working table Blades or Honey comb

Fast curvilinear cutting function: It can cut via any curve fast continuous cutting, the laser heads moving in beautiful are just evoke your imagination of top grade racing car. To fully support design software, such as CAD, CORELDRAW, PHOTOSHOP friendly man-machine interface, live close to the industry needs.

Multi-document function: SC series equipment can store as many as 256 working documents, in the case of without the computer, the user can select files in the engraving machine, the mass production of 256 different products. All-optical isolation system with high speed differential input and output circuit design, long distance transmission signal without distortion, strong anti-jamming capability, system has realized the No.12 working state output, state iB-way input, to dock with the user production site easily.

Large-format laser cutting incision smooth fine, meet the blanking, machining the whole piece of cloth.

Stable light path design, match industrial water-cooled machine, ensure the large-format, cutting the position work surface laser power output is consistent, fast and efficient, stable machining quality.

Automatic feeding and discharging, save time, improve work efficiency, it can customize according to customer's demand level.

Feeding system adopts special words with mesa, pedrail automatic feeding device, convenient processing objects move freely on the surface of the cutting machine. The machine used in Acrylic, MDF, Foam board, Wood, Granite, Soft metal, Genuine leather, Artificial leather, Soft leather, Decorative leather, Packaging leather, All kind of cloths, Pure cotton, Real silk. All kinds of Textile Materials, or Non-Woven Material.

Specifications

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Model	: RD 1390
Processing Area	: 1300mm * 900mm
Laser Power	: 60W/80W/100W/150W
Laser Type	: Sealed Co2 glass laser tube
Cooling Mode	: Water Cooling and Protection System
Resetting Positioning Accuracy	: $\pm 0.01\text{mm}$
Compatible Software	: CorelDraw AutoCAD Photoshop
Engraving Speed	: 1-800mm/s
Cutting Speed	: 1-600mm/s
Resolution Ratio	: $\leq 0.0125\text{mm}$
Position System	: Red dot
Interface	: USB
Minimum Shaping Character	: letter 0.5mm, chinese 0.5mm
Support Graphic Format	: DST, PLT, BMP, DXF
Gross Power	: 1000W
Driving Mode	: DC0.8A 24V stepper motor
Working Voltage	: AC 110 - 220V $\pm 10\%$, 50-60Hz or depend on customer
Operating Temperature	: 0-45°C
Operating Humidity	: 5-95%
Driving System	: stepper or servo