Applicable Materials:

wood, bamboo, jade, marble, organic glass, crystal, plastic, garments, paper, leather, rubber, ceramic,glass and other nonmetal materials.

Applicable industries:

 advertisement, arts and crafts, leather, toys, garments, model, building upholstery, computerized embroidery and clipping, packaging and paper industry.

Laser machine parameter:

Model	RD-1390
Engraving Area	1300x900MM(X 1300 Y900)
Machine size	1800x1400x1000mm
Cutting Speed	0-18000mm/min
Engraving Speed	0-64000mm/min(stepless speed regulating)
Laser Tube Power	**80w/120w/150w optiona**
Natural Life Of Laser	3-9 month for different power
Laser wave length	10.6um
Resolution Ratio	0.025mm
Minimum Shaping	Chinese character 2mm/letter 1mm
Resetting Positioning	±0.01mm
Voltage	Ac220v±10%,50HZ/60HZ
Operating	0°C-45°C
Operating Humidity	5%-95%
Graphic Format Supported	BMP,HPGL(PLT),DXF,G-CODE,DST,AutoCAD, CoralDraw, CAD CAM, AI, Photoshop
Software Supported Lens	CoralDraw, AutoCAD,Photoshop. Ilustrator etc
Lens	imported reflect lens(3pcs)+focus lens(1pcs)

Guide Rail	high quality tanwan hiwin guiderail
Driver Type	leadshine stepmotor
Cutting Table	aluminium slot or honey comb
Cooling System	3000 or 5200 chiller (Industrial Chiller)
Software	Ruida control system 8.0.23
Operate System	Win98/Win2000/WinXP/Win 7/Vista
Interface	LCS screen with USB interface
Max Cutting Thickness	≤30mm
Pass Through Doors	Allow to cut extremely long materials
Packing	Polywood case for export standard
Assistant Equipment	Exhaust-fan, air pump, industry chiller
Produce time	7days
CBM/GW	4.5M3/4000KG

Laser machine feature as below:

1.Heavy machine body and protect rust.

2.Lens and mirrors(Znse materials lens, Mo materials mirrors, easy to clean)

4.yongli or reci brand laser tube(Good beam mode, 8000~10000 hours lifetime.)

5..Mirror mount(Easily re-adjusting mirror mounts)

6.High quality high power co2 laser power supply

7. High speed leadshine Step motor&driver (Working steadily and with high move accuracy)

8.High quality import guide rails(Keep the engraving/cutting precise and very durable.

9. High quality durable belt

10. DSP System LCD panel

Set speed, power, and more directly from the LCD panel.

11.RUIDA controller systems 8.0.23 version

12.High quality industry water chiller.when the water pump not working protect laser tube.

Laser Machine Fuction:

1>: supporting offline work. There is USB interface on the panel,so it support U disk,very convenient. uses USB port and USB flash disk to transmit data, improving working speed and efficiency greatly.

2>: With the function of restoring from power off,continuation on break point.

3>: Emergency stop(Turn off the machine immediately when there is an accident)

4>: two kinds of worktable as choice : Aluminum knife table for hard material like wood,acrylic, helping small cutted pieces fall off; and honeycomb worktable for soft material like leather, cloth,to keep the material as flat as possible,ensuring cutting effect. If you work on both hard and soft material,we can make the table with double use.

5>: Material length can unlimited extend .

6>: Open protection function: the equipment is high sensitivity of the protection system, when equipment clamshell didn't close, laser machine automatically stop working, and effectively protect the safety of operation

7>: Color layer setting(Change the working speeds and power by using color settings.)

8>: Support design software, Photoshop, AutoCAD and other direct output

Optional accessories:

 1) Motorized up and down worktable(used to engrave thick materials). Control the table up/down from LCD panel (Z axis)directly

 2) Rotary (for engraving round items).

3) Red dot will help position the laser,protecting operator.
4)Work table for honeycomb and Aluminum knife table option.
5)Small power chiller and big power chiller option

Standard accessories:
1) 1× Air pump for Air Assist (for blowing off debris as the laser engrave or cut)
2) 1× Exhaust fans with Tube ducts (install inside machine)
3) 1× Water pump/Industrial chiller
4) 1× USB Cable (connecting PC and laser)
5) 1× DVD (including software, user manual, guiding videos etc)
6) 2× Power cables
7) 1× Tool box

Warranty&After-sales Service:
1. Warranty for 1 year for the whole machine(excluded consumable parts).
2. Response within 24 hour by email or calls.
3. User-friendly English manual and CD for machine usage and operation.