NEW !

RAPTORTECH®

Desktop CO2 Laser Engraving Machine
RTL 7/ RTL 9

Equipment Advantages

● Our latest RTL7 /RTL 9 professional benchtop model takes it one step further with the added safety of a fully interlocked case and keyed ignition, thus transforming the RTL into a Class 1 laser, the highest safety rating possible. The new design preserves the best features from the previous generation, such as the Clean Pack Design and cutting edge high speeds, while adding some finishing touches, like a fire resistant tempered glass lid, gas shocks and rubber seals.

● Great emphasis was placed on improving the cutting capabilities and the various components required to do so. For example, the entire work table has been overhauled and replaced with a motor-ized blade table that is fitted with a downdraft exhaust system. The exhaust fan and air assist pump have also been upgraded to help with improving airflow and increasing cutting efficiency. Equipped with a built-in fan cooled water chiller, the RTL7/ RTL 9 is ready to be fitted with a mid power laser tube for those users that value cutting capacity just as much as they do engraving.

DSP

All in one;
Chiller, Fume extractor, Blower

Clean pack design,
protect linear guide rail from dust,
reduce maintenance frequency

Top and Bottom Mobile Tray,
Ball screw Stepper Motor

Auto focus adjustment

5G accelerated Speed,
engraving speed
up to 1.2 meter/Second
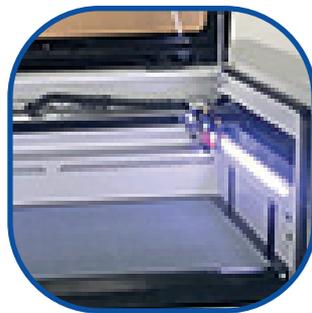
LED lighting
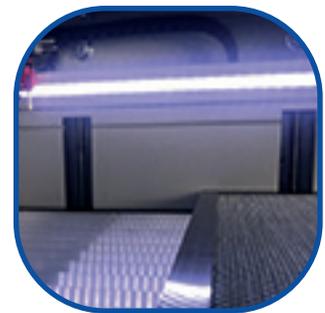
Double worktop

Cutting Samples
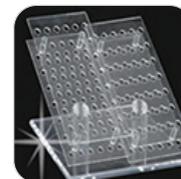
Technical Parameters

Machine Model	RTL 7	RTL 9
Workspace	450*700 mm	600*900 mm
Machine Dimensions	1106*883*543 mm	1306*1037*555 mm
Wattage Options	60W /80W	60W /80W /100W
Machine Weight	157 kg	205 kg
Driving System	High Speed Digital Stepper Motors	
Total Height Clearance	162mm	
Engraving Speed	0-1200mm/sec	
Minimum Engraving Character	1.0mm*1.0mm	
Max Engraving Precision	4000DPI	
Precision	<=0.01	
Cutting Speed	0-680mm/sec	
Cutting thickness	0-20mm depend on different material	
Z-Axis Travel	150mm_Adjustable	
Max.Acceleration	5G	
Laser power control	1-100% adjustable from software	
Blower	330W Built-In Exhaust Fan	
Air assist	105W Built-In Air Pump	
Cooling	Fan Cooled (3000) Water Chiller	
Cooling Method	Water cooling for glass tube & RF50W, Air cooling for RF30W	
Power supply	AC 220V+10% - 50Hz/60Hz	
Supported Graphics Format	DSP/PLT/BMP/DXF/AI/DWG etc...	
Software Compatible	CorelDraw/Photoshop/AutoCAD/All kinds of Embroidery Software	
Add-ons	Auto Focus Sensor, WiFi, Rotary Device, Stand, Fume Extractor, Wireless Remote	

Options

Table

Wifi
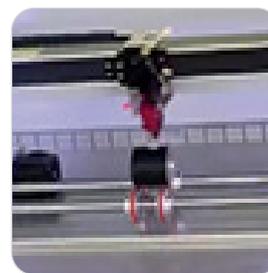
Rotary

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Machine image for reference only, subject to real product.