



## **TECH SPECS**

### **WEIGHT & DIMENSIONS**

Engraving Area: 24" x 16" (610mm x 406mm)

Machine Dimensions: 56" x 31.5" x 36.5"  
(1420mm x 800mm x 843mm)

Weight: 260 lbs (110 kg)

Z-Table Range: 6.5"

### **LASER**

Laser Classification: Class 3R

Laser Type: Sealed CO2 Laser Tube

Laser Power: 90W

Focus Lens: 2.5"

### **POWER**

Power Supply: AC 110V native (220V option available)

Gross Power: < 1000W

### **SYSTEM**

Operation Modes: Precision Raster, Vector or Combined Modes

Motion Control: High-Speed Stepper Motors

Operating Temperature: 0C - 45C

### **CONTROL SOFTWARE**

Software: RetinaEngrave v3.0

Compatibility: PC, Mac & Linux

Apple® Mac® OS® X v10.9 or later (Mavericks)

Microsoft® Windows® 10

Microsoft® Windows® 8.1

Browser Compatibility: Google Chrome (recommended), Safari, Firefox, Edge, & Internet Explorer

Min Screen Resolution: 1024 x 768 Pixels

Ability to Connect Through Network (Ethernet or Wireless) without Internet Connection

Wireless Connection Frequency: 2.4 GHz

### **MATERIAL CAPABILITIES**

¼" Wood (Cut/Engrave)

¼" Acrylic (Cut/Engrave)

Fabric (Cut/Engrave)

Cardboard (Cut/Engrave)

Paper (Cut/Engrave)

Natural Leather (Cut/Engrave)

Stone (Engrave only)

Glass (Engrave only)

Rubber (Cut/Engrave)

### **MACHINE FEATURES**

LCD Touchscreen

Knife Edge Table

Autofocus Sensor

Front and Back Pass-Through Doors (24" x 3")

Motorized Z-table Control

Keyed Access Panels

Emergency E-Stop

## **INCLUDED EQUIPMENT**

90W Laser Tube

Radiator Water Chiller

2.5" Focus Lens

Industrial Exhaust Fan

Air Assist Air Pump

## **OPTIONAL ACCESSORIES**

Rotaries: Chuck Rotary; Friction Rotary