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: 0°C - 45°C

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
Auto-focus 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