

# Santini

LASER ENGRAVER MACHINE

Vega 1600

## High Precision Co2 Laser Engraving Machine



Energy Saving 20%...Intelligent Ventilation Design after finished work, which self automatic power-off to, reduce unnecessary energy loss.

Increase Efficiency 30%...high Speed Rail can make cutting speed and laser energy to the greater degree of matching, and empty travel speed can reach 90000mm/Min in the cutting process, very effective in reducing your working hours.

Reduce Maintenance 80%..Very effective dust design, which can prevent the 99% of the dust adhesion to the air surface. Let your guide avoid pollution and to achieve the purpose of maintenance free, for this special design, no need to clean guide, very convenient.



**Suitable for  
cutting work**

1. we use special Dustproof linear Model to do laser machine motion structure, Axial travel speed can reach 1800m/s.
2. Double work table (lifting type exhaust honeycomb work table and fixed blade work table), our lifting table adopted high precision ball screw transmission, the lifting work table load carrying capacity can reach 50kg, very strong, work table error within 1mm, and lifting work table can be completed by different materials of thickness precision focus though software.
3. Up and down exhaust design.
4. Auto-Focusing Function.

5. Four - axis linkage rotary engraving function.
6. Large format visual working window. Led lighting for work area.
7. Closed laser working environment.
8. At the same time, direct offer 220V or 110V with signal and without signal of power socket. It can easily choose to reduce the noise and energy consumption for Blower and Air pump.
9. Front and back through materials design.
10. Aeon Laser Machine body adopted three layer design, convenience through the different wide doorway.
11. High Quality Built in Wi-Fi.

ITEM	DATA
Working Area:	1600*1000mm
Laser Tube Power:	100W
Laser Tube Type:	CO2 Sealed Glass Tube
Z Axis Height:	200mm Adjustable
Input Voltage:	220V AC 50Hz/110V AC 60Hz
Rated Power:	1200W-1300W
Operating Modes:	Optimized Raster
Resolution:	1000DPI
Max Engraving Speed:	1200mm/sec
Max Cutting Speed:	1000mm/sec
Laser Optical Control:	0-100%
Minimum Engraving Size:	Chinese Character 2.0mm*2.0mm, English Letter 1.0mm*1.0mm
Locating Precision:	<=0.1
Compatible Software:	CorelDraw/Photoshop/AutoCAD/All kinds of Embroidery Software
Compatible Operating System:	Windows XP/2000/Vista,Win7/8/10, Mac OS, Linux
Computer Interface:	Ethernet/USB/Wi-Fi
Working Table:	Honeycomb + Blade
Cooling system:	Built-in Water Cooler with Cooling Fan
Air Pump:	Built-in Noise Suppression Air Pump
Exhaust Fan:	Built-in Turbo Exhaust Blower
Machine Dimension:	2050mm*1395mm*1025mm
Options	Wi-Fi, Autofocus, Rotary Attachment