



AEGIS 1220/60

Laser Engraving System

Complete Laser Engraving System:

- ◆ 20" x 12" Table w/Front to Back Material Passthrough *Included*
- ◆ Closed Loop Water Chiller *Included*
- ◆ Air Assist w/Compressor *Included*
- ◆ Honeycomb Cutting Table *Included*
- ◆ Cabinet Smoke Suction Vacuum *Included*
- ◆ Red Dot Pointer *Included*
- ◆ 16" Power up/Down Table Depth *Included*
- ◆ Lighted Cabinet *Included*
- ◆ USB Connection *Included*



Optional Cylindrical Attachment Available

2 Year All Inclusive Warranty
w/On-Site Installation & Training Available

AEGIS 1220/60 LASER SYSTEM SPECIFICATIONS

Laser Tube	CO ₂ 60 Watt TEM ₀₀ Water Cooled
Optics	50mm (2") ZnSe Coated Focus Lens & Mirrors
Laser Beam Width	.004"
Resolution	50-1000dpi Raster Engraving
Accuracy	0.0004" Positioning Repeatability
Engraving Speed	40"/Second
Focus	Quick Tab - Manual
Motors	Micro-Stepper Drive Motors
Belts	Non-Stretch Kevlar Drive Belts
Guide Rails	Stainless Steel
Software Files	Accepts CDR, AI DWG, DXF, DXP, DST, PLT, HPGL, BMP
Laser Modes	Vector, Raster, Rubber Stamp & Mixed Mode Operation
Max Cutting Area	20" X 12" - Acrylics 1/2", Wood 3/4"
Max Material Depth	16" Table travel depth
Pass Through	3/4" Front to Back Pass Through, 20" Width - Unlimited Length
Power	110v or 220AC Single Phase, 1000w max. 10Amp
Dimensions	Overall Machine size 36"L X 25"W X 39"H
Weight	425 lbs.
Alignment	Red Dot Pointer
Air Assist	5 psi (plugs into laser cabinet)
Water Chiller	Recirculates water from a 2 gallon reservoir, 110v
Fume Exhaust	300CFM, 110v
Rotary Engraving Attachment	Friction Drive with Quick Electrical Connection