KOENIG K1310M CO2

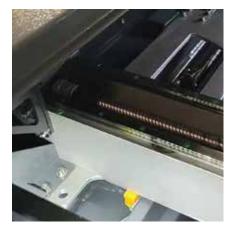**Industrial Metal and Non-metal**

MODEL: K1310M

"The Koenig K1310 is our NEW Metal and Non-metal laser cutting companion. In a huge 280W power as standard you will be able to cut mild steel up to 3mm and Stainless steel up to 2mm. Acrylic cutting is faster than ever before and you can now cut up to 30mm thickness as well as 25mm in wood and ply. Open up the posssibilities and branch out into the metal cutting industy."

FEATURES:

• Fully enclosed machine with interlocking sensor in main door
• For PC or Mac users with RDworks or Lightburn Software
• Large transparent viewing window
• Front feed through – feed through full sheet into the front
• Origin rulers for aligning your workpiece
• Conical table for better extraction
• Draw for removing scraps and offcuts
• LED internal lighting
• Panasonic Servo motor driven
• Ball screw drive system
• Quality metal cutting laser head, automatic height adjust and surface tracking for metal cutting
• Water chiller and extraction fan included

APPLICATION:

With 280W - Cut up to 25mm Wood/Ply/Bamboo/MDF, 30mm Acrylics, Perspex, Laminates etc.

Also cutting leather, paper, cardboard, rubber (stamps), foam, felt, fabric, etc.

NOTE: Standard 63.5mm FL and 110.6mm FL lenses provided - This machine is designed for cutting and engraving is not recommended

Technical Parameters	Specification
Laser Power	280W
Cutting area	1300 x 1000mm
Z axis	Static table 50mm cutting height
Laser Type	JOY CO2 Glass Tube 10.6µm – up to 10,000 hour life
Machine footprint (total size)	2.0 x 2.0 x 1.3(H)mm
Machine weight	850kg
Table type	Knife bed table included (optional honeycomb table available)
Motor Type	Precision Stepper Motor
Rail type	Taiwan TBI ball screw drive – High precision drive system
Ventilation	Fan and extraction hosing provided (4 stage air filters optional)
Cooling Type	S&A CW6000 enclosed water chilling unit included
Engraving Speed	Up to 100mm/s – not recommended for engraving
Cutting Speed	Up to 200mm/s
Min. Engraving Size	1.0mm*1.0mm
Locating Accuracy	≤+0.01mm
Controlling Software	DSP Control System
Software	RDworks and Lightburn
Computer compatibility	Windows, Mac OS, or Linux (32 or 64-bit)
Graphic Format Supported	DXF DWG AI PDF DST PLT BMP JPG PNG etc
Machine file memory	128MB internal memory (up to 100 files)
Power Supply	230V 50Hz 20amp – Singe phase