

KOENIG K-OPEN CO2

Industrial Full-Sheet CO2 Machine

MODEL: K1325 / K1530

FROM \$23,950+GST



"The Koenig K-OPEN series range of machines, provide the perfect cutting solution for full sized sheet material stock. Available in 100, 150 and 280W power, and with dual under-table extraction, this machine will soon become your favourite manufacturing partner. Bring a huge new range of possibilities to your manufacturing business today at a bargain entry price."

MODEL DETAILS:

- K1325 - 1300x2500mm bed size - 100/150W / 280W
- K1530 - 1500x3000mm bed size - 100/150W / 280W

FEATURES:

- Open industrial unit for full size sheet cutting
- Metal reinforced heavy duty belt drive
- Taiwanese Hiwin rails
- Simple precision machined laser head
- Ball rollers at front and rear of machine for sheet loading
- PC/Mac compatible - RDworks + Lightburn Software provided
- Conical table for better extraction and clean up drawers
- 2 Under-table extraction ports, extraction fans included
- Water chiller, compressor and extraction fan included

The K1325 machine has been designed with a solid welded chassis frame. Please review the dimensions of the machine and consider access from the front or back of the machine if loading using the ball bearing assistance. A forklift will be required on site for offloading during delivery.

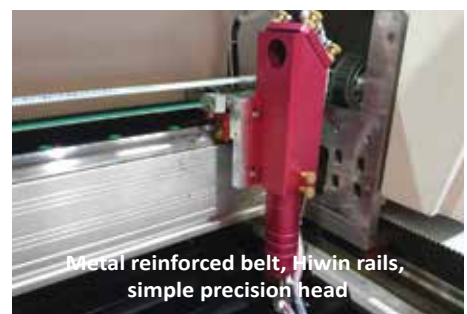
This is a Class 4 Laser, requiring safety measures to be undertaken when setting the unit up in your factory/workshop.



Ball rollers at the front



Dual under-table extraction port/fans



Metal reinforced belt, Hiwin rails, simple precision head

APPLICATION:

With 80W - Cut up to 10mm Wood/Ply/Bamboo/MDF, 12mm Acrylics, Perspex, Laminates etc.

With 100W - Cut up to 14mm Wood/Ply/Bamboo/MDF, 15mm Acrylics, Perspex, Laminates etc.

With 150W - Cut up to 18mm Wood/Ply/Bamboo/MDF, 20mm Acrylics, Perspex, Laminates etc.

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

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

Engraving/marketing all the above including glass, stone/ceramic and chemically marking metal.

NOTE: Standard 63.5mm FL recommended for cutting up to 12mm, 101.6mm FL up to 30mm.



Technical Parameters	Specification
Laser Power	100, 150, 280W
Cutting area	K1325 – 1300x2500mm K1530 – 1500x3000mm
Z axis	Static table
Laser Type	100 and 150W models – RECI CO2 Glass Tube 10.6µm – up to 10,000-hour life 280W model - JOY CO2 Dual Glass Tube 10.6µm – up to 10,000-hour life
Machine footprint (total size)	K1325 - 1974(W) x 3192(D) x 1249(H)mm K1530 - 2174(W) x 3692(D) x 1249(H)mm
Machine weight	K1325 - 1300kg K1530 – 1500kg
Table type	Knife bed table included (optional honeycomb table available)
Motor Type	Nema Stepper Motor
Rail type	Hiwin Taiwanese Rails – metal reinforced heavy duty belt drive
Ventilation	2 x Fan and extraction hosing provided (4 stage air filters optional)
Cooling Type	100 and 150W models - S&A CW-5200 Industrial Chiller 280W model - S&A CW-6000 Industrial Chiller
Engraving Speed	Up to 300mm/s
Cutting Speed	Up to 300mm/s
Min. Engraving Size	1.0mm*1.0mm
Locating Accuracy	≤+0.1mm
Controlling Software	DSP Control System
Software	RDworks and Lightburn (provided)
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	100W and 150W models - 230V 50Hz 10amp – Standard single phase 280W model - 230V 50Hz 15amp – Single phase