

KOENIG RAPID CO2

High Speed CO2 Engraving and Cutting Machine

MODEL: K0604RAPID / K0606RAPID

FROM \$8,950+GST



“The Koenig Rapid is the all-in-one, plug-and-play solution, with minimal set-up involved. With engraving up to 1900mm/s and fine curf cutting, you will be producing straight out of the box and faster than ever before. Up to 6 times faster than other similar CO2 laser machine in the same price range, and up to 12 times faster than similar diode laser engraving machines on the market.”

FEATURES:

- With Overhead camera – Entire work bed view
- High speed rail with light weight laser head - Engraving speed up to 1900mm/s!
- Fully enclosed machine with interlocking sensor in main door
- Compact all-in-one design
- Plug and play – the machine is assembled and calibrated ready to go!
- Built in compressor, chiller, and extraction fan (ducting hose included)
- Software controlled air assist - option with compressor upgrade
- For PC or Mac users - RDworks or Lightburn Software provided
- Large transparent viewing window
- Feed in door at the front – for cutting down larger sheets
- Automatic height- adjust (auto focus) as standard
- 120mm Up-down table
- Standard lens 50.8mm FL - fine engraving

Perfect for Education, workshop, or office environments. Plug it in, turn it on and get started, saving you time and money for costly installations. The compact design also provides a low-cost shipping option when compared to our industrial range. Ask us about remote training options for interstate and rural customers as well, if you prefer a professional training session, but can't justify the cost of an on-site visit.



APPLICATION:

With K0604RAPID - Cut up to 6mm Wood, Ply, Bamboo, MDF, natural hard woods (dependent on glue and density), up to 6mm Acrylics, Perspex, wood laminates

With K0606RAPID - Cut up to 8mm Wood, Ply, Bamboo, MDF, natural hard woods (dependent on glue and density), up to 8mm Acrylics, Perspex, wood laminates

Leather, paper, cardboard, rubber (stamps), foam, Polyester, etch/mark all the above including glass, stone and chemically mark metal



Technical Parameters	Specification
Laser Power	K0604RAPID – 40W , K0606RAPID - 60W
Cutting area	K0604RAPID – 600*400mm , K0606RAPID – 600*600mm
Z axis	120mm travel - motorised up-down table
Laser Type	CO2 Glass Tube 10.6µm – up to 6,000 hour life
Machine footprint (total size)	K0604RAPID - 1120*810*515mm (H)mm, K0606RAPID - 1120*1010*515mm (H)mm
Machine weight	K0604RAPID - 150kg, K0606RAPID – 170kg
Packaging dimensions	K0604RAPID - 1200*1000*740(H)mm, K0606RAPID - 1200*1100*740(H)mm
Packaging weight	K0604RAPID - 170kg, K0606RAPID – 190kg
Table type	Knife blade table
Motor Type	High speed precision stepper motor
Camera	120degree overhead camera – 8Mb
Ventilation	Built in extraction fan with 2m ducting provided
Air Assist	Built in air assist compressor
Cooling Type	Built-in water-cooling
Engraving Speed	Up to 1900mm/s!
Cutting Speed	Up to 300mm/s
Min. Engraving Size	1.0mm*1.0mm
Locating Accuracy	≤+0.01mm
Controlling Software	DSP Control System
Software	RDworks and Lightburn – license included (camera preview + manual registration mark alignment)
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 10amp – Standard single phase
OPTIONS	Honeycomb table, wheel or chuck rotary air filter, compressor and water chiller upgrades, table