

KOENIG K-SERIES CO2

Industrial Servo Motor Driven CO2 Range

MODEL: K0604C / K00906C / K1309C / K1313C

FROM \$10,450+GST

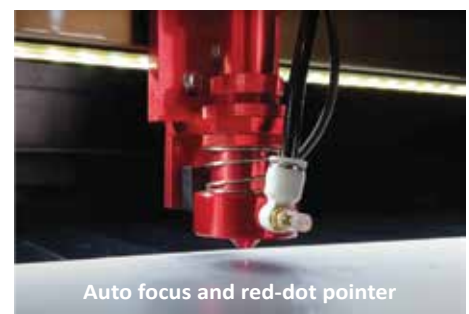
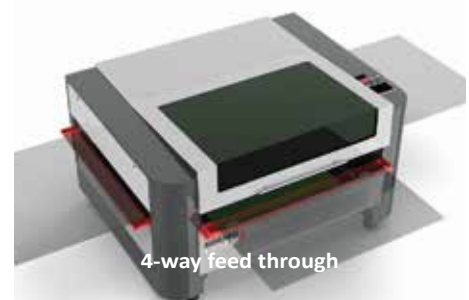


MODEL DETAILS:

- K0604C - 600x400mm bed size - 80/100W
- K0906C - 900x600mm bed size - 100/150W
- K1309C - 1300x900mm bed size - 100/150W/280W
- K1313C - 1300x1300mm bed size - 100/150W/280W

FEATURES:

- Fully enclosed machine with interlocking sensor in main door
- NOW WITH Overhead camera – Entire work bed view
- NOW WITH Premium servo motor drive
- Software controlled air assist
- For PC or Mac users - RDworks or Lightburn Software provided
- Large transparent viewing window
- Removable legs for transporting through a standard 800mm wide door (NOTE: special delivery required)
- 4-way feed through – feed through through any side
- In-line beam combiner for easy mirror adjustment
- Origin rulers for aligning your workpiece
- Automatic height- adjust (auto focus) as standard
- 200mm Up-down table
- Conical table for better extraction with draw for removing scraps and offcuts
- Water chiller, extraction fan and hosing included
- Standard 50.8mm FL fine engraving lens (adaptable for 38.1, 63.5 and 101.6mm FL lens for finer engraving or thicker cutting)



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 mark metal

NOTE: Standard 50.8mm FL lens recommended engraving and for cutting up to 8mm thickness, 63.5mm FL up to 12mm, 101.6mm FL up to 30mm.



Technical Parameters	Specification
Laser Power	K0604C – 80 or 100W, K0906C – 100 or 150W, K1309C – 100, 150 or 280W K1313C - 100, 150 or 280W
Cutting area	K0604C – 600*400mm, K0906C – 900*600mm, K1309C – 1300*1300mm, K1313C – 1300*1300mm
Z axis	200mm travel - motorised up-down table
Laser Type	RECI CO2 Glass Tube 10.6µm – up to 10,000 hour life
Machine footprint (total size)	K0604C – 1710(W)*1025(D)*1090(H)mm (+570mm tube extension(W)) K0906C – 14400(W)*1220(D)*1090(H)mm (+440mm tube extension(W) for 150W) K1309C – 1868(W)*1468(D)*1090(H)mm, K1313C – 1870(W)*1770(D)*1090(H)mm
Machine weight	K0604C – 290kg, K0906C – 350kg, K1309C – 470kg, K1313C – 550kg
Packaging Dimensions	K0604C – 1840(W)*1150(D)*1280mm, K0906C – 1980(W)*1370(D)*1280mm, K1309C – 2000(W)*1660(D)*1280mm, K1313C – 2000(W)*2000(D)*1280mm
Packaging weight	K0604C – 350kg, K0906C – 400kg, K1309C – 520kg, K1313C – 600kg
Table type	Knife bed table included (optional honeycomb table available)
Motor Type	Leadshine Precision Servo Motor
Camera	120degree overhead camera – 8Mb
Camera alignment	+/- 0.5mm (calibratable by user)
Ventilation	Fan and extraction hosing provided (4 stage air filters optional)
Cooling Type	S&A CW5200 refrigerating water chiller included
Engraving Speed	Up to 1000mm/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 – licence included (including print registration mark alignment using “print and cut” feature)
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 ChuckRotary, Air filter, High Powered compressor