

CNC Router - K Series : Medium Duty Cutting and Engraving



Technical Parameter:

Model	K1212	K1218	K1224
X-Y-Z axis working area	1,200 x 1,200 x 120mm	1,200 x 1,800 x 120mm	1,220 x 2,440 x 120mm
Machine size	1,850 x 1,950mm	1,850 x 2,550mm	1,850 x 3,150mm
Resolution	0.025mm	0.025mm	0.025mm
X-Y movement	Rack and pinion, gear drive/Taiwan	Rack and pinion, gear drive/Taiwan	Rack and pinion, gear drive/Taiwan
Z movement	Ball screw drive/Germany	Ball screw drive/Germany	Ball screw drive/Germany
Guide	Linear Φ 20 square/Taiwan	Linear Φ 20 square/Taiwan	Linear Φ 20 square/Taiwan
Max. Speed	35,000mm/min	35,000mm/min	35,000mm/min
Max. Cutting speed	25,000mm/min	25,000mm/min	25,000mm/min
Spindle power	3kw(water cooling) 3kw HSD Air Cooled Option	3kw(water cooling) 3kw HSD Air Cooled Option	3kw(water cooling) 3kw HSD Air Cooled Option
Spindle speed	24,000rpm	24,000rpm	24,000rpm
Inverter power	3.7kw	3.7kw	3.7kw
Drive motors	Stepper	Stepper	Stepper
Working voltage	AC380V/50-60Hz, 3-phase (Option: AC220V/50-60Hz, 1-phase)	AC380V/50-60Hz, 3-phase (Option: AC220V/50-60Hz, 1-phase)	AC380V/50-60Hz, 3-phase (Option: AC220V/50-60Hz, 1-phase)
Command code	G code	G code	G code
Computer interface	USB 2.2	USB 2.2	USB 2.2

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BEYOND LASER

CNC Cutting Technology S.A.

Collet	ER20-12.7mm, 6mm, 3.175mm	ER20-12.7mm, 6mm, 3.175mm	ER20-12.7mm, 6mm, 3.175mm
Software	Vetric V Carve Pro	Vetric V Carve Pro	Vetric V Carve Pro
Controls	DSP0501 (Digital Signal Processor)	DSP0501 (Digital Signal Processor)	DSP0501 (Digital Signal Processor)
Packing dimensions	2080*1930*1870 mm, 900 Kgs	2680*1930*1870mm, 980 Kgs	3280*1930*1870 mm, 1050 Kgs
Equipment available	a. Vacuum hold down b. Auto cut adjusting device c. Oil lubrication system d. Clamps and vacuum fitting	a. Vacuum hold down b. Auto cut adjusting device c. Oil lubrication system d. Clamps and vacuum fitting	a. Vacuum hold down b. Auto cut adjusting device c. Oil lubrication system d. Clamps and vacuum fitting

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