

EGX-400 / 600 Specifications		
MODEL	EGX-400	EGX-600
Max. cutting area	16"(X) x 12" (Y) x 1.57" (Z) 407mm(X) x 305mm(Y) x 42.5mm(Z)	24" (X) x 16" (Y) x 1.57" (Z) 610 mm (X) x 407 mm (Y) x 42.5 mm (Z)
Acceptable material thickness	1.575" (40 mm)	
XYZ motor	AC servo motor (DAC-FFP)	
Feed rate	XY-axis : 0.5 mm/sec. , 1~100 mm/sec. Z-axis : 0.5 mm/sec. , 1~50 mm/sec.	
Acceleration	0.1 G , 0.05 G	
Software Resolution	.00039"/step (0.01 mm/step)	
Mechanical Resolution	XY-axis : .0001"/step (0.003 mm/step) Z-axis : .00009"/step (0.0025 mm/step)	
Spindle motor	DC brushless motor Max. 72 W	
Revolution Speed	8,000 - 30,000 rpm	
Tool chuck	Cutter holder or Collet system	
Positioning accuracy	± 0.1 % of distance traveled, or ± .0039" (0.1 mm), whichever is greater (Under no-load conditions)	
Repeat accuracy	.0020" (0.05 mm)	
Display	Liquid crystal display unit (with back light)	
Control Keys	MENU , ENTER / PAUSE , SPINDLE , XYZ ORIGIN SET , XYZ Cursor , FAST FEED , COPY , Dial	
Interface	Parallel (in compliance with the specification of Centronics) Serial (under RS-232C standard) , External connector 1 , External connector 2	
Buffer size	2 MB	
Power Supply	100 , 117 , 230 , 240 V ± 10%	
Power consumption	350 VA	
Dimensions	31" (W) x 28" (D) x 20.5" (H) 795 mm (W) x 719 mm (D) x 521 mm (H)	39" (W) x 32" (D) x 20.5" (H) (995 mm (W) x 820 mm (D) x 521 mm (H))

Weight	112 lb (51 kg)	141 lb (64 kg)
Operation Environment	Temp: 41° - 104° F (5° - 40° C) Humidity: 35 to 80% (no condensation)	
Accessories	Control panel , Control panel cable , Power code , Nose unit , Solid collet (φ4.36 mm) , Clamp , Spanner (17 mm , 10 mm) , Hexagonal screw driver , Hexagonal wrench , Roland Software Package CD-ROM , User's manual	

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