

# PreciGrave

Advanced, economical  
CNC Engraving machines



*Model PA1*



*Model PA2*

- 3/4/5 axis engraving machines with multiple options of spindles and tooling
- Compatible to major CAM softwares, can import standard G and M codes
  - Suitable for industrial engraving, mold and model making etc
  - Rotary engraving attachment for cylindrical engraving
  - Special models available for graphite machining
    - Optional mist coolant system available

PreciGrave series from Cybernetic are one of the most advanced CNC engraving machines with modern features for accurate and Fast engraving.

PreciGrave is manufactured using most reliable linear motion products like re-circulating ball-screws, bearings and specially treated guides for longer life and trouble free operation. Added with this sturdiness, is intelligent software that drives the machine with unmatched simplicity. Precigrave is the best solution for precision engraving, jewelry mold making and many more applications.

**Contact us for live Demo!!**

**Specifications- Precigrave**

	<b>Model PA1 Stepper</b>	<b>Model PA2 Stepper</b>
Maximum Material Size	240 mm X 280 mm	280 mm X 490 mm
Work Area	240 X 280X 75 mm	280 X 490 X 75 mm
Positional Accuracy	0.05 mm	0.05 mm
Repeatability	0.05 mm	0.05 mm
Resolution	0.01 mm	0.01 mm
Spindle Option 1	8000-30000 RPM, 900 Watt spindle	
Spindle Option 2	5000-60000 RPM KaVo <sup>®</sup> , 125 Watt (For soft substrates only)	
XY Traverse Speed	1.50 meters per minute adjustable	
Z Feed Speed	1.50 meters per minute adjustable	
Programming Facilities	Import and engrave tool path in many formats like ISO G and M codes	
Tool size (diameter; length)	1/8 <sup>th</sup> inch shank, 38.1 mm length, other collet sizes available: 3,4,6,8 mm	
Power Supply	230 Volt, 50-60 Hz	
Supported File Formats	HPGL, DXF, and ISO G and M codes.	
Compatible With	Windows <sup>®</sup> XP	
Minimum Computer Requirements (PC included in delivery)	Pentium <sup>®</sup> , Windows <sup>®</sup> XP, 256MB RAM, available serial port	

Due to continuous improvements, specifications are subject to change without notice. The following terms are trademarks of the indicated companies. Windows, Microsoft Corp; KaVo, KaVo Elektrotechnisches Werk; Pentium, Intel Corp; DXF, AutoDesk Corporation; HPGL, Agilent

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Authorized Cybernetic Representative  
 Contact us for the name of your local representative

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