

JRA CO.

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PCNC

SOFTWARE FEATURES

- Clockwise and counter clockwise helical path operation.
- Independent English/Metric selections for tools and/or program path.
- Programmable feed rate 0.01 to selectable parameter setting.
- Cartesian coordinates.
- Absolute and Incremental programming.
- Rapid traverse selectable by parameter settings.
- Manual feed rate override from 0% to 200%.
- Programmable resolution to 0.0001 inch.
- MDI (Manual Data Input) or Run Immediate Mode.
- Jog mode.
- 3 axis linear interpolation.
- G Codes conform to E.I.A. RS-274D definitions.
- Programmable dwell 0.001 to 65 seconds.
- Program and control diagnostics.
- Subprograms.
- Do loops.
- Nesting of subprograms and Do loops.
- User defined variables.
- Addition, subtraction, multiplication and division of variables.
- Part rotation.
- Part scaling
- 1000 block look ahead .
- 30 changeable tool registers storing lengths and diameters.
- Selectable (Top, right, front, and isometric views) back plot graphics display with program diagnostics.
- Reversal compensation (Back lash).
- Multiple work coordinate system.
- G81, G82, G83, G85 and G86 Canned cycles.
- Full screen on-line editor.
- Single block execute.
- Optional stop.
- Block delete.
- Block search in auto mode and graphics.
- Dry run execute.
- Motion hold.
- Cycle Start.
- Calibrate tools and work offsets using jog.
- Auxiliary outputs M codes
- Home and Soft limits

SPECIFICATIONS

• PC REQUIREMENTS	100 PENTIUM CPU WITH 8MB RAM MIN
• O/S	MS DOS
• BUS TYPE FOR CARD	ISA
• BLOCK THROUGHPUT	133
• MOTION BOARD	DSP-4MC
• CONTROL TYPE	SERVO
• PRICE	\$ 600.00