



CENTROID™

HARDINGE RETROFIT



The CENTROID CHNC/HNC Retrofit package makes your Hardinge perform better than new!

Each kit comes ready to bolt on and is completely prewired and tested before it leaves the factory. This system replaces all existing electronic components and includes a new 5 HP AC Spindle motor, a new Spindle variable frequency inverter, and new Servo axis motors with encoders. Alternatively, you can reuse your original axis motors.

A typical CHNC/HNC retrofit takes only two days to complete.

Give your Hardinge what it deserves . . . a CENTROID CNC.



HARDINGE

SUPER-PRECISION

CENTROID CHNC/HNC Retrofit Features:

- Control of the Hardinge Turret
- Constant Surface Speed
- Threading
- Conversational Programming
- Floppy Drive and LAN Ready
- Color Tool Path Graphics
- One Year Warranty on the Control!



CENTROID • 159 Gates Rd. • Howard, PA 16841 • PH: (814) 353-9256 • FAX: (814) 353-9265

www.centroidcnc.com

Everything You Need

Comes In One Box

- New 5 HP Spindle Motor (HNC kit includes new belt)
- Encoder and Inverter
- New Axis Motors or Encoders to reuse old axis motors
- All Adaptor Plates and Miscellaneous Hardware
- Prewired Kit (reduces install time)
- Preprogrammed PLC for all M Functions and Hardinge Turret
- Pentium PC Based (dual processor)
- Step by Step Installation Manual and Pictorial



Hand Held
Jog Pendant

A complete T-39 CHNC System ready to bolt on!



CENTROID Hardinge Retrofit CNC Features:

- Large Built-in Hard Drive
- Floppy Drive
- Pentium PC Based
- Unlimited Part Program Memory
- Fast Smooth Continuous Tool Motion
- Intercon Conversational Programming
- G-code Programming
- Color Graphics
- Cutter Radius Compensation
- Drilling Cycles
- Subprograms and Macros
- Multiple Works Coordinates
- Canned Threading, Turning, Tapering, Grooving, Cut Off, Radius, Chamfer, Blended Chamfer
- Automatic Roughing Pass Cleanout
- Automatic Finishing Pass Generation
- Spindle "S" Function
- Constant Surface Speed
- Programmable Spindle Speed
- Programmable Control of Hardinge Automatic CNC Turret
- G-code Backplot Graphics



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