



HARDINGE HNC/CNC LATHE

WITH CENTROID T-39 CONTROL



For Sale: Complete Upgraded Machines

Hardinge Super Precision CNC Bar and Chucking Lathe

- All new controls and electricals
- One year warranty on the control
- New AC Spindle motor and Inverter
- Ball Bar tested and certified



Call For
Free Video



HARDINGE
SUPER-PRECISION

CENTROID CHNC Features:

- CNC Control of the Hardinge Turret
- Constant Surface Speed
- Threading
- Conversational Programming
- Floppy Drive and LAN Ready
- Color Tool Path Graphics
- Full compliment of Turning canned cycles
- CAD / CAM Ready



Machines in Motion • 993 Carbon Canyon Rd. • Chino Hills, CA 91709 • PH: (714) 528-7061 • FAX: (714) 792-0505

www.cnc-machine-controls.com

Specifications		
Maximum swing		14"
Maximum turning diameter over crossslide		7"
Maximum turning length		12"
Bar stock diameter (5C collet)		1-1/16"
Hole through spindle		1-1/8"
Minimum index time T1 to T8		2 sec.
CNC Controller		CENTROID T-39
Spindle speeds (programmable)		0 ~ 3000 R.P.M.
Spindle nose		5C thread on nose
Maximum X-axis travel		4.65"
Maximum Z-axis travel		11.9"
Rapid traverse		200" / min.
Spindle motor		5 HP
X, Z-axis motor Digital DC Brush		17 in-lb
Coolant pump		1/6 HP
Dimensions	Shipping (machine)	76" x 42" x 70"
	Shipping (control)	48" x 48" x 30"
L x W x H	Installation space (machine)	76" x 42" x 70"
	Installation space (control)	24" x 24" x 64"
Machine weight		2500 lbs.

T-39



Standard Accessories:

- 5C Collet closer
- 8 station turret
- Autolube
- Parts Catcher

CENTROID Control Features:

- Solid State Hard Drive
- Floppy Drive
- Pentium PC Based
- Unlimited Part Program Memory
- G-code Programming
- Color Graphics
- Cutter Radius Compensation
- Drilling Cycles
- Subprograms and Macros
- Multiple Work Coordinates
- Constant Surface Speed
- Spindle "S" Function
- E Stop
- Fast Smooth Continuous Tool Motion
- Intercon Conversational Programming
- Canned Threading, Turning, Tapering, Grooving, Cut Off, Radius, Chamfer, Blended Chamfer, Profile Cleanout
- Automatic Roughing Pass Cleanout
- Automatic Finishing Pass Generation
- Programmable Spindle Speed
- Programmable Control of Hardinge Automatic CNC Turret
- G-code Backplot Graphics
- Feed Rate, Rapid Rate, and Spindle Speed Override
- Operator Control Pendant (with dedicated Jog buttons)
- Spindle on/off, cw/ccw, Auto Lube, Auto Coolant
- Smart search program restart



Hand Held Control Pendant *



Make Small, Accurate Parts Fast!



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Distributor:



Options:

- * MPG Manual Phase Generator