



MAJESTIC MACHINERY INC.

13731 Proctor Avenue, City of Industry, CA 91746

Phone: 626-336-2350 Fax: 626-336-2890



The RIGHT machine at the RIGHT price

CNC Turning Center Model BTC-826



Free licensed Seat of Bobcad V21

BobCAD-CAM 



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Key Features



- Hardened and ground ways
- Flat and V way on the Long axis
- Dovetail way on the Cross slide
- Full Enclosure
- Oiling system
- 4 station quick change tool post



- Homing Switches
- Tail Stock
- Direct coupled motors to Ball Screw
- Flood coolant system
- Threading
- Spindle through hole



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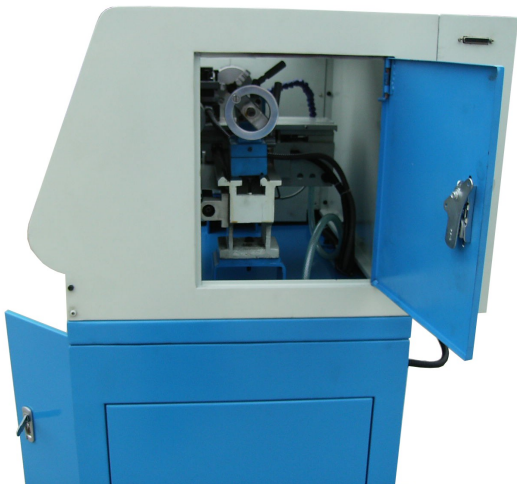


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Key Features Continued



- Stand is included
- Chip pan
- Flood coolant system



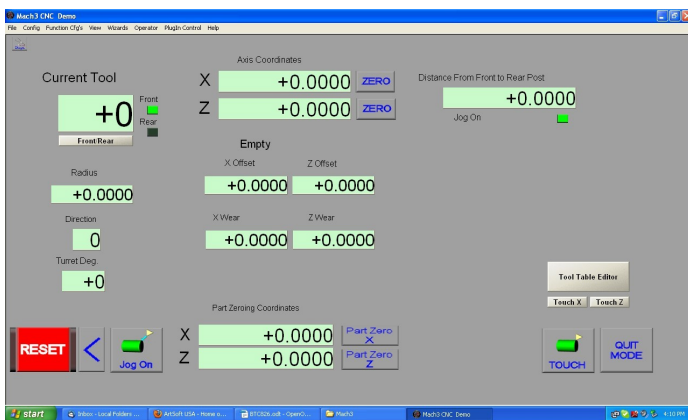
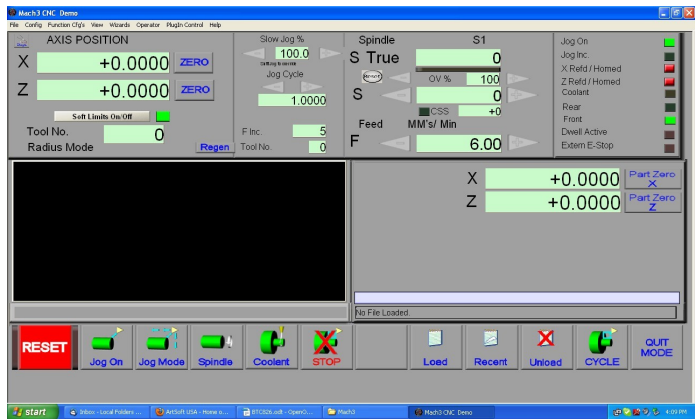
- Stand has access to storage shelves
- Lower section has holes for leveling pads (included) or direct mounting to the floor.
- Tool box with tools included

CNC Controller

Our CNC controller for the BTC-826 is a PC based control system (Mach 3) from Artsoft. It is a very functional and user friendly control designed for the Hobbyist and Engineer alike.

Here are some of the basic features and functions provided by Mach3:

- Converts a standard PC to a fully featured, 6-axis CNC controller
- Allows direct import of DXF, BMP, JPG, and HPGL files through Lazy Cam
- Visual G code display
- Generates G code via Lazy Cam or Wizards
- Fully customizable interface
- Customizable M-Codes and Macros using VB script



- Spindle Speed control
- Multiple relay control
- Manual pulse generation
- Video display of machine
- Touch screen ability
- Full screen eligibility

CNC Controller continued

Wizards (optional)

Wizards are "mini-programs" that extend the capabilities of Mach3. Wizards can be written by anybody and are designed to allow users to quickly perform routine or convenient operations without the need to have a pre-written G Code file. Included with Mach3 are free Wizards for such things as:

- Gear Cutting
- Digitizing
- Holes
- Slots and keyways
- Text engraving
- Many standard shapes
- Surfacing
- MANY MORE



The Personal Computer (included)

Accompanying your machine will be a Personal Computer with all of the software loaded and tested to your machine. This eliminates all of the hassle of setting it up yourself. When you get the machine, simply plug it in and go. Shown below is an Eeebox by Asus. This is one of our choices that will be provided or equal.



Not included is a keyboard, mouse and monitor.



BTC-826 Specifications

Swing over the bed	Inch (mm)	8.26" (210)
Distance between centers	Inch (mm)	15.75" (400)
"X" Axis Travel	Inch (mm)	3.15" (80)
"Z" Axis Travel	Inch (mm)	12" (304.8)
Spindle Taper	Morris Taper	MT3
Spindle Speed	RPM	50 – 2250 Inf Variable
Spindle Through Hole	Inch (mm)	3/4" (20)
Ball Screw Diameter	Inch (mm)	3/4" (19)
Axis Motors	Stepper Motors	2 NM torque
Spindle Motor	Power	600 Watts
Automatic Tool Post (programmable)	No. of stations	4
Required Power	AC Input Voltage	220V single phase
Machine Shipping Dimensions	Inch (mm)	46" x 31" x 60" (1,168 x 787x 1,525)
Machine Weight (with stand)	Lbs (Kg)	352 lbs (160 Kg)

Specifications are subject change without notice.

Standard Equipment		
Machine assembled on the stand	Mach 3 user manual	PC with licensed software loaded
Quick Change Tool Post	3 jaw chuck	Parts manual
Tool Box	220V single phase power	Flood Coolant System
Threading	Leveling pads	Step motors and drives

Pricing – F.O.B. City of Industry (Los Angeles County), California		
BTC-130 CNC Turning Center	\$7,499.00

Optional Tool