



*Proud of the Past...  
Building for the Future...*

October 2026

**One (1) only used 2000 refurbished 2026, BTD-110R16 WITH TOSNUC T-888**

**Main Specifications**

|                         |                                    |
|-------------------------|------------------------------------|
| Year MFG                | 2000                               |
| CNC Control             | Tosnuc 888                         |
| X axis travel           | 2,000mm (78.7")                    |
| Y axis travel           | 1,500mm (59.1")                    |
| Z axis travel           | 1,450mm (57.1")                    |
| W axis travel 1,        | 500mm (20")                        |
| Spindle RPM             | 5-3,000                            |
| Main Spindle Power      | 30/40 HP                           |
| Spindle Taper           | CAT 50                             |
| Table dimensions        | 1,400mm x1,600mm ( 55" x 63")      |
| Max Table load          | 6,300KG (13,860 LBS)               |
| Indexing                | 0.0001 deg                         |
| Feedrates               | 1-6,000mm / min (0.04 – 236.2"IPM) |
| Rapid                   | 12,000mm /min, (472" IPM)          |
| Automatic Tool Changer  | 38 pockets                         |
| Coolant through Spindle | 140 PSI                            |

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|                                  |                                          |
|----------------------------------|------------------------------------------|
| Flood Coolant and Chip conveyors | YES                                      |
| Main Voltage                     | 220V 3 phase, 75 KVA                     |
| Total Machine weight             | 28,000KG (62,600 LBS)                    |
| <u>Floor space</u>               | 6M x 5.1M x 3.4M<br>(236" x 201" x 156") |

### **CNC Functions and Operation**

Manual Pulse Generator (MPG)  
Manual operator pendant (hanging)  
Manual jog  
Manual spindle rotation jog  
Coolant on/off  
Standard Toshiba CNC functions  
Macro programming  
RS232C interface

### **Refurbishment performed**

Dismantle machine completely, inspect all way surfaces and turcite surfaces  
Remove Z axis saddle, keepers and gibs, worn turcite and replace with new  
Scrape and fit saddle to bed way  
Inspect Headstock gearbox, main motor couplings, wiring and hoses, very good condition  
Remove and repair all way covers, install new way cover wipers  
Check and replace way wipers where necessary  
Check, clean all way lube distributors and oil lines  
Dismantle all hydraulic and coolant tanks, clean and replace hydraulic filters  
Remove all linear axis scales, dismantle clean tape and reader heads  
Remove Rotary table and inspect, clean and check drive train, adjust back lash.  
Remove all table clamps, re-seal all 4 cylinders  
Frost Headstock and table saddle turcite surfaces, gibs and scrape fit to column and X bed.

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Re-condition Z axis ball screw and nut install new thrust bearings  
Re-assemble complete machine and check for squareness, level and Laser  
calibrate.  
Spindle taper grind

**Price for Machine as described above refurbished**

**Call or email for Pricing**

**Options**

|                                                      |               |
|------------------------------------------------------|---------------|
| 1)- Site installation at Buyers plant                | To be Advised |
| 2)-Transport from Toronto to Buyers site             | To be Advised |
| 3)- Renishaw touch probe (installed before shipping) | TBA           |
| 4) Shibaura Right Angle head                         | TBA           |
| 5)- Shibaura Facing head                             | TBA           |

**Installation and transport can be quoted upon request**

**Payment terms:** 100% before shipping

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*Machine Removal*



*Machine Refurbishment at Team Machine Facility*

*April 2026*

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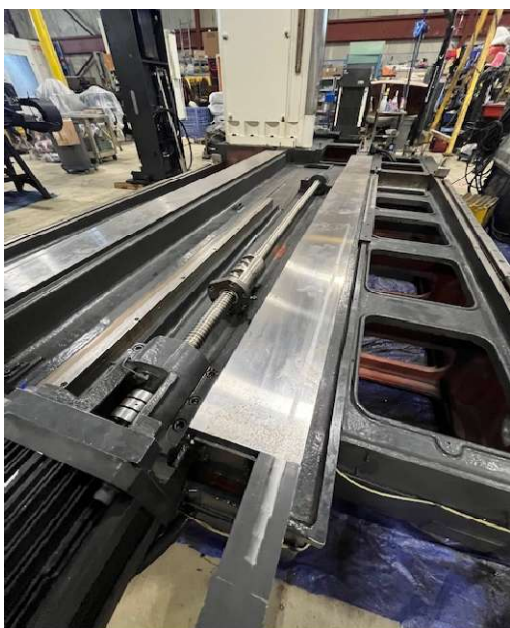
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Main Bed, Z axis Saddle and Table Saddle after turcite is removed



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*New Turcite installed ready for precision machining and scraping*

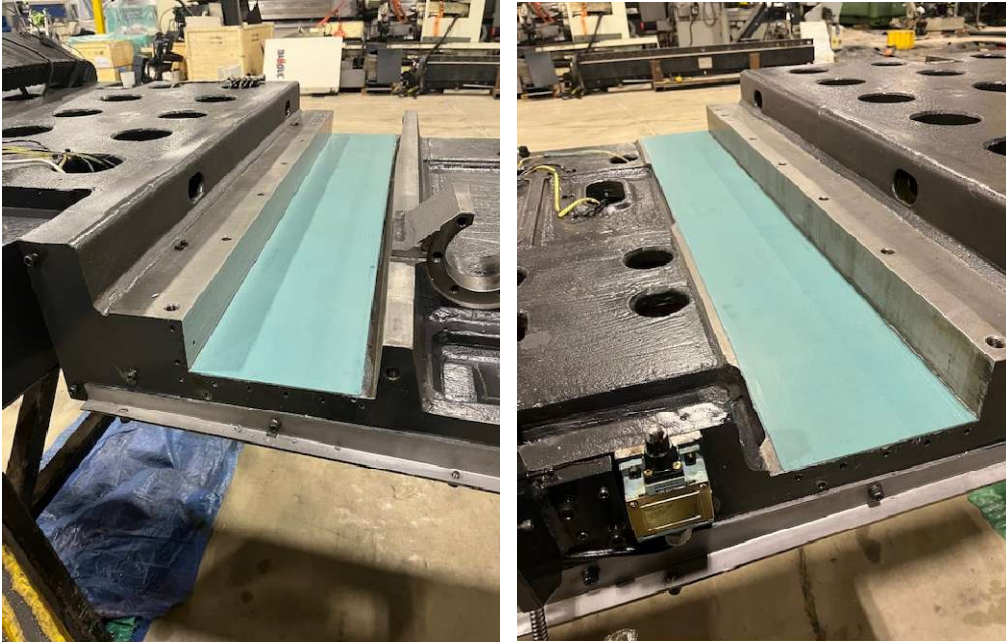
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Headstock opened for inspection and cleaning, Spindle motor removed coupling and drive key checked



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Automatic Tool Changer 38 tool storage



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Bed Leveling on our floor



Way covers for reconditioning



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Rotary table removed and inspected, grind surface, check gear backlash, re-seal all 4 table clamps



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Re-Installing Z axis saddle

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Re-installing the Z axis saddle

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Installed Table and saddle

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Setting home positions

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