

TRAK[®] MACHINE TOOLS

Featuring
ProtoTRAK CNCs

Contact the Customer Service department:

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7:00am to 4:30pm, PST

Preventative Maintenance Terms and Conditions

Preventative Maintenance products are offered under certain Terms and Conditions which are listed on the Preventative Maintenance Price List.



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Preventative Maintenance



CNC Technology for Small Lot Machining

A Complete Maintenance Program

Regular preventative maintenance is the best way to keep the investment in your equipment paying dividends.

We keep track of your maintenance due dates and coordinate service times that work for your shop. Our factory trained technicians follow standardized checklists, help resolve other minor issues not on the lists, and provide documentation of all the work that was performed. Our maintenance service is a pay-as-you go program so you won't pay anything until you authorize the work and it is completed.

Standardized Maintenance Checklist

Includes calibrations, free software updates and more.

Maintenance Certificates

Documents work performed and certifies the instruments used.

Preventative Maintenance Services

TRAK Lathes - 28 points of service

- Check level of machine
- Check spindle encoder alignment
- Inspect oiler & lube points
- Inspect gear train
- Check spindle preload
- Check ballscrew alignment
- Check drive train assemblies
- Inspect joystick
- Clean & lubricate hand wheels
- Check spindle motor mount & belt
- Change gearbox oil if needed (customer to provide oil)
- Check spindle braking
- Adjust gibs
- Adjust X & Z-axis belts
- Run diagnostic service codes
- Calibrate X & Z-axis
- Check backlash
- Check position accuracy
- Check unidirectional repeatability
- Check bidirectional repeatability
- Check emergency stop button
- Inspect all cable connections
- Inspect coolant pump
- Inspect way wipers
- Check headstock alignment
- Inspect indexer
- Wipe down machine
- Update software & change pendant fan filter

TRAK Mills and Retrofit CNCs - 14 or 24 points of service

- Adjust gibs & inspect travel
- Check sensors/glass scales & mountings
- Check alignment of Z-axis
- Inspect pump & lubrication system
- Inspect & adjust spindle belts
- Run diagnostic service codes
- Calibrate all axes & check backlash
- Check positioning accuracy
- Check unidirectional repeatability
- Check bidirectional repeatability
- Inspect all cable connections
- Inspect E-stop
- Wipe down machine
- Update software & replace pendant air filter

24-point service also includes:

- Check level of machine
- Check spindle while running through gears
- Check spindle brake
- Jog axes & inspect for wear
- Tram head
- Check functionality of auxiliary functions
- Inspect axis motor belts
- Check drive train assemblies
- Inspect all limit switches
- Clean & lubricate electronic hand wheels

TRAK DROs and Trav-A-Dials

- Check & clean sensor, Trav-A-Dial, & mounting bracket
- Adjust gibs on the machine
- Check repeatability
- Calibrate each axis
- Check cable & cable connections
- Re-tighten all bolts, screws & nuts
- Clean & organize Trav-A-Dials, sensors, cables, displays, & power cabinet

TRAK TMC

- Drain regulator assembly
- Check lubrication system
- Check coolant level
- Check level of lubrication pump
- Check level of pneumatic oiler
- Check level of tool change air cylinder oil
- Inspect tool change air cylinder
- Clean electrical cabinet air filters
- Check & adjust level & tram of machine
- Check spindle motor belt tension
- Check & adjust backlash if necessary
- Remove way covers & clean built up debris
- Inspect ATC
- Apply grease to ATC unit

TRAK VMC2

- Remove chips from slideways
- Check lube pump level
- Check coolant level
- Check air supply regulator & clean filter
- Clean debris from rear of ATC
- Remove & clean air filters on electrical cabinet & servo cabinet
- Check tool, unclamp oil reservoir
- Check & adjust backlash if necessary
- Remove ways covers & clean debris
- Inspect tool change air cylinder
- Grease ATC linear rails
- Check for any usual wear, including cables & pneumatic lines

Convenient Scheduling

We notify you when maintenance is due and schedule a technician when it works for your shop.

Specialized Tools

Factory-trained technicians have the specialized tools needed to perform work.