

PREVENTATIVE MAINTENANCE PROGRAM

MAINTAIN OPTIMAL UPTIME

Your Haas CNC machine tools are designed and engineered to produce high quality, precision parts reliably and efficiently. In order to maintain optimal levels of performance on these machines, it's important to schedule routine maintenance, which is best performed by the factory-certified professionals at your local Haas Factory Outlet.

Our Preventive Maintenance Program has been developed by experts, with more than 20 years supporting Haas CNC machine tools in the field.

PREVENTIVE MAINTENANCE PROGRAM BENEFITS:

- ⚙️ Performed by Haas factory-certified technicians, dedicated exclusively to servicing Haas equipment
- ⚙️ The inner workings of your Haas machine are cleaned and inspected to ensure they are in excellent working condition
- ⚙️ Potential problems are discovered before they develop into larger, more costly repairs that may result in extended down time
- ⚙️ A sound investment in your Haas machines that will pay for itself in both the short and long term

WHAT'S INCLUDED

- ⚙️ CNC Lathe PM Quoted Case by Case
- ⚙️ CNC Mill Inspections Listed to the Right
- ⚙️ Ball Bar Test included on CNC Mill PM
- ⚙️ Vibration Analysis included on CNC Mill PM

PREVENTATIVE INSPECTIONS / CNC MILLS

Check machine level
Verify spindle sweep
Check gear-shift operation, where applicable
Check spindle lube and air blast
Check spindle –orientation alignment
Check shot-pin operation, where applicable
Change gearbox oil (customer to provide oil)
Inspect drive belts, as applicable
Inspect and adjust tool-changer system
Inspect spindle-taper condition
Inspect way covers and wipers
Check draw bar height and force
Inspect rigid-tap encoder operation, where applicable
Check tool-change operation
Clean/lubricate tool changer
Inspect counterbalance system
Inspect lines, hoses & cables

ELECTRICAL SYSTEM:

Clean electrical cabinet
Check voltages
Inspect connections/terminals
Check tool-changer relays
Inspect electrical-ground connections
Check fan filter
Check limit switches/safety locks
*Inspect motor brushes, remove dust**

WAY LUBE/ GREASE SYSTEM:

Check filters
Inspect lines and fittings
Check operation
Verify lube pump operation
Verify grease pump operation

COOLANT SYSTEM:

Remove/check pump & motor
Check condition of hoses
Check filters
Check for leaks
P-cool operation

AIR SYSTEM:

Check filters
Check pressure/
Adjust regulator

Inspect system for leaks

BALL BAR TEST:

A simple, rapid check of a CNC machine tool's positioning performance to recognized international standards.



VIBRATION ANALYSIS:

Measures and records machine vibration characteristics within the drive system.

- ⚙️ Verifies machine vibration against established criteria.
- ⚙️ Isolates potential problems while still manageable.
- ⚙️ Use as a benchmark for future vibration test to plot machine wear over time.

OPTIONAL SERVICES

LASER CALIBRATION:

The ultimate in high performance measurement and calibration for machine tools positioning accuracy and repeatability.



THROUGH SPINDLE COOLANT MAINTENANCE:

Check pre-charge pressure, hoses, pressure at pump, seal housing, and filters.

VERTICAL PALLET CHANGER MAINTENANCE:

Check for wear on rollers, status of switches, alignment to machine, condition of bumpers, and remote operator panel.

HAAS BAR FEEDER:

Check alignment, switches, and repeatability.

ROTARY REPAIR

Get your Haas Rotary Tables and Indexers performing like new again with our local Rotary Repair Service.

WHAT'S INCLUDED

- ⚙️ Free Evaluation
- ⚙️ Thorough Inspection of internal gears
- ⚙️ Repair and Replacement of parts as needed using Genuine Haas Parts
- ⚙️ 24 Hour Testing
- ⚙️ Shipped Back at Reasonable Rate due to all work being performed locally



FACTORY OUTLET

A DIVISION OF TRIDENT MACHINE TOOLS