



Haas Factory Outlet

A Division of Jeffreys Manufacturing Solutions

PREVENTATIVE MAINTENANCE PROGRAM

We are pleased to offer Haas customers a comprehensive Preventive Maintenance Program carried out by our Haas Factory Certified Service Engineers. Protect your Haas investment and maximize your productivity by utilizing locally available Haas factory-certified professionals to keep your machine in the best possible condition. The following items indicate the many key points addressed at every preventive inspection:

Mechanical System

Check machine level
 Verify spindle sweep
 Check gear shift operation*
 Check spindle lube and air blast
 Check spindle orientation alignment
 Check shot pin operation*
 Change gearbox oil (Customer supplies Oil)
 Inspect drive belt
 Inspect and adjust tool changer system
 Inspect spindle taper condition
 Inspect way cover wipers
 Check draw bar height
 Inspect rigid tap encoder operation*
 Check tool change operation
 Clean/lubricate tool changer
 Inspect counterbalance system and recharge if needed or applicable

Inspect lines, hoses and cables

Way Lube System

Clean filters
 Inspect lines and fittings
 Check operation
 Verify lube/pump operation

Coolant System

Remove/check pump and motor

Air System

Clean filters
 Check pressure/adjust regulator
 Inspect system for leaks

Electrical System

Clean electrical cabinet
 Check voltages

Inspect connections/terminals
 Inspect grounds
 Check limit switches/safety locks
 Clean brush dust*

Lathe Only

Verify turret/spindle alignment

Optional Special Services:

Ball Bar Calibration – Tests circularity and verifies the positioning accuracy.

Vibration Analyzer – Verifies machine vibration against established criteria.

* If applicable

Model	Price Per Visit	Optional Services <i>When done at same time as PM.</i>
Mini Mill to VF4 & VM series	\$1,095.00	Through the Spindle
All Toolroom Mills	\$1,095.00	Coolant Maintenance.....\$ 395.00
TR & GR Series.....	\$1,095.00	Recharge Counter Balance.....Included
TL1 to TL4.....	\$1,095.00	Dynamometer Test.....\$ 200.00
SL10 to SL40, GT10 & GT20.....	\$1,095.00	Ball Bar Calibration.....\$ 295.00
DS20 to DS30, VF5 to VF11 & VR Series...\$1,195.00		Vibration Analyzer Test\$ 295.00
TL15/25, SL20 APL.....\$1,195.00		Laser Calibration.....call for quote
HS1, HS2, EC300-500 & MD Series.....\$1,195.00		
VS1, VS3, EC-2000, EC-3000, HS-3.....\$2,995.00		
VF-APC Series, EC-1600	\$1,495.00	

***These rates include travel.

Any additional service, repairs and parts for repairs must be scheduled and will be subject to our standard service rates.

Jeffreys Manufacturing Solutions
 8500 Triad Drive
 Greensboro, NC 27235
 Phone: 336-665-1080
 Fax: 336-217-1063



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- The cost of this program is on a per visit basis (see the price list on front page).
- The cost does not include any additional parts, labor or shipping cost that may be incurred for actual repairs. If any repairs are necessary the customer will be advised in advance for the issuance of a purchase order to cover parts and labor.
- PM's are scheduled in advance by the Haas Factory Outlet.
- It is recommended that PM be performed every 1000 hours of run time.
- The customer is responsible for disposal of all fluids.
- All chips must be removed prior to service.
- All fixtures and tooling are to be removed by customer prior to service. If not removed, the items that cannot be completed will be noted and the service will be considered completed.
- The service performed does not guarantee the machine will not require service in the future. Warranty is neither implied nor will it be upheld. There is no warranty against future machine failures.

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Customer PM Acceptance:

Company Name _____

Address _____

Technician Referral:

Machine Model _____

Machine Serial # _____

PM frequency _____ visits per year.

PM contract will be reissued for renewal on an annual basis.

***Payment terms – Net 30 days from order placement.

Total \$ _____

Purchase Order Number: _____

-or -

Credit Card Number: _____ Expiration: _____

Authorized Signature

Date

Haas Factory Outlet Acceptance

Date

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