



PREVENTATIVE MAINTENANCE PROGRAM

STOP TROUBLE BEFORE IT STARTS

One of the elements necessary to help ensure machine availability is regular maintenance. Performance of the manufacturer's recommended maintenance should be a priority. Not only will it help to keep your machine in production, it may result in a higher trade or resale value. An additional advantage is that you will have verifiable maintenance records, which help to validate warranty claims.

The Preventive Maintenance will be performed by a KOMO factory-trained technician, ensuring that all required maintenance is performed correctly, and the latest factory-recommended procedures are followed.

Program Details

The Preventive Maintenance tasks performed may vary with each visit, dependent upon machine model, hours and options. At a minimum, all recommended maintenance procedures for the current machine hours shall be performed. Program pricing includes technician time onsite as well as travel time. All travel and living expenses will be invoiced separately. Multiple machine pricing discounts may apply. All parts replaced outside of the PM kit listed below will be invoiced to the customer. Customer responsible for furnishing replacement fluids and proper disposal of all fluids and components replaced during the PM.

Customer's maintenance records will be updated as part of the Preventative Maintenance. If maintenance records do not exist, a written report will be submitted documenting the tasks performed, the machine hours, and the overall condition of the machine.

Terms and Conditions:

- 100% shall be due net 30 days after completion of the PM visit.
- Schedule of all Preventative Maintenance visits must be done a minimum of 14 day in advance.
- Overtime, weekend, or holiday work is excluded. Overtime is defined as anything over eight (8) hours on-site. Requested overtime, weekend or holiday service will be billed in addition to the program price at the current published service rates.
- All Labor performed against this plan shall carry a 30-day warranty from date of service.
- Technician's travel and living expenses are not included and will be invoiced separately.

See Reverse Side for Preventative Maintenance Pricing, Details and Scheduling

Preventative Maintenance

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|---------------------------|-----------------------|
| First Machine | \$2750.00 |
| Additional Machines | \$1750.00 Per Machine |
| PM Kit (required)..... | \$1100.00 Per Machine |

Required PM Kit Includes:

- Metering Units, Compression nuts and sleeves
- Belts
- Batteries

Typical Maintenance Procedures Include:

- Inspect belts for wear, tension and alignment.
- Replace as required
- Inspect ball screws/ball nuts/rack and pinion for wear, alignment, galling, pitting, or atypical wear. Check wiper condition (if applicable) and lubrication.
- Observe spindle/drawbar operation. Perform drawbar clamping set maintenance as required. Examine tool holders, collets and collet nuts.
- Inspect and adjust pneumatic system components and pressure settings. Check pneumatic line for cracking
- Check auxiliary spindles/drill units/boring blocks for proper operation and alignment
- Inspect/adjust counterbalance system, if applicable.
- Lubricate boring block, when required.
- Inspect and replace filters, when required.
- Review customer maintenance records.
- Check drip trays and empty as needed.
- Top off all fluids.
- Inspect lubrication system for proper operation and condition. Replace metering units as required.
- Inspect rails/bearing trucks for wear, corrosion, galling, pitting and burrs; check wiper condition. Clean and lubricate as required.
- Cycle control pushbuttons, check lights and replace as required; verify all functions, backup parameters, diagnostics, keep relays, timers, etc. to customer disk.
- Electrical System - inspect panels for connections, contamination and heat; check wiring for cracks.
- Inspect and align tool changer. Replace grippers as required.
- Inspect roller balls and side tables, if applicable.
- Replace batteries, when required.
- Check the function of the MPG and buttons.
- Verify that the E-Stop is functioning properly.
- Inspect vacuum pump and hoses, if applicable
- Inspect coolant/refrigeration system, if applicable
- Check function condition of dust shroud , if applicable.

To schedule a **Preventative Maintenance** service call, contact KOMO Customer Support at 800-528-4570 or email support@komo.com