Grinder Maintenance

Let us help you by performing routine maintenance

Today's competitive markets are driven by the bottom line. Manufacturers must achieve the highest levels of productivity possible. Weldon's Total Productive Maintenance Program (TPM) has been developed with the end user in mind. Proper maintenance is crucial to the ongoing performance of your grinder. Our goal is to help you eliminate costly downtime and repairs and keep your grinder operating smoothly and efficiently.

Our TPM Program begins by scheduling a technician to travel to your facility to perform a complete TPM check on your machine. After completing the inspection, you will be given an itemized checklist detailing the grinder's current condition and recommended repairs. A quote for service work will be provided at your request. Maintaining your Weldon grinder can be easily managed with a schedule of successive TPM checks that will help you maintain your equipment at peak performance. Most TPM checks can be completed in one day and can be scheduled at your convenience. Our experienced technicians have been fully trained at our manufacturing facility and are committed to providing you with the best service possible and helping you reach your goal of total productivity!

During your TPM check, a highly trained Weldon service technician will inspect the following:

- Way wipers and boots
- Ballscrew and support bearings
- X and Z axes slides
- Workhead and tailstock bearings
- All filters in pneumatic and hydraulic systems
- Electrical servos and drives
- Wheel spindle bearings

Following the manufacturers suggested maintenance instructions and taking advantage of Weldon's TPM program can:

- Increase Up-Time
- Lower Repair Costs
- Improve ROI

Precision machine tools are a major investment in dollars and operator/programmer training. The payback comes from improved productivity, but this can be short lived if you are plagued by down-time and repair costs.

All TPM services are performed by the same highly skilled technicians that build our new Weldon grinders. This work is never subcontracted and quality OEM replacement parts are always available from the factory.

weldon SOLUTIONS

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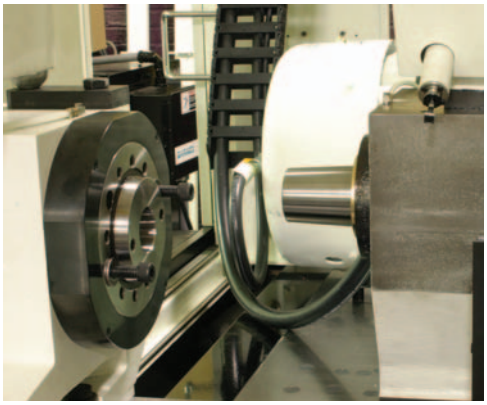

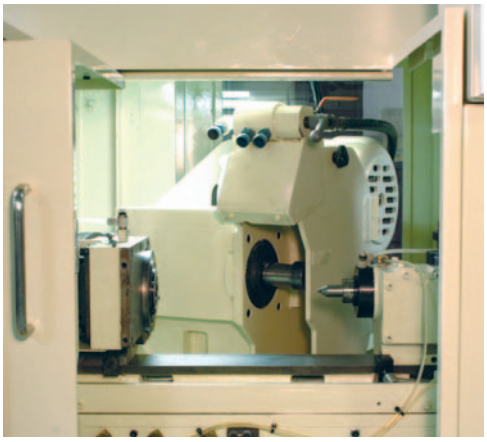

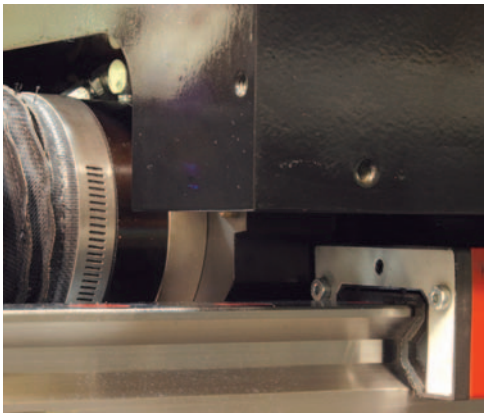

Routine Maintenance Checklist

Let us help you by performing routine maintenance

Daily:

- ☐ Machine wash down

Weekly:

- ☐ Check fluid level in Trabon lube system
- ☐ Check coolant level and concentration
- ☐ Check air line lubricator fluid level
- ☐ Visually inspect air line filter sight gage
- ☐ Check X and Z axis way covers for wear, holes, and tears

Monthly:

- ☐ Check Trabon lube system for proper operation
- ☐ Check hydraulic power unit for proper operation
- ☐ Check X and Z axis way wipers for proper operation
- ☐ Remove, clean, and/or replace air conditioner filter
- ☐ Grease tailstock
- ☐ Grease main wheel drive motor
- ☐ Check wheel and work drive belts for wear and proper tension
- ☐ Remove wheel hub and clean taper on adapter and spindle

Quarterly:

- ☐ Check hydraulic lines for wear or leaks
- ☐ Check hydraulic oil level
- ☐ Check electrical conduit for wear
- ☐ Verify that all operator control panel lights are working

Semi-Annually:

- ☐ Check and tighten all electrical wire connections
- ☐ Check encoder covers on servo motors to insure they are clean and dry inside

Annually:

- ☐ Change batteries on memory back-up

As Required:

- ☐ Replace hydraulic filter
- ☐ Drain, flush, and refill coolant system

Contact Weldon today to find out how an automation solution can enhance your manufacturing operation, and incease its efficiency and profitability.

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