

**PREVENTATIVE MAINTENANCE  
MILLS 14-POINT INSPECTION**

SERVICE DATE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 SERIAL #: \_\_\_\_\_

SUPPORT TICKET #: \_\_\_\_\_  
 CUSTOMER #: \_\_\_\_\_  
 MODEL: \_\_\_\_\_

**Complete form by placing a checkmark in the boxes as task are completed.**

- 1a**  Update software when applicable. Verify error logging is turned on (code 319) for SMX, KMX and RMX.
- 1b**  Check and replace M5 base if springs are damaged. Replace chip scraper and wiper pad on sensors. Check brackets and that the M5 base is level and perpendicular. Check alignment of Glass Scales and Reader Heads.
- 2**  Fill lube pump and inspect lubrication system. Note problems below.
- 3**  Check alignment of Z-axis (not applicable 2-axis retrofits).
- 4**  Adjust gibs.
- 5**  Adjust servo belt tension. Inspect belts. Use belt tension tool on RMX.
- 6**  Run Service Codes 11, 12, 128, 100, 101, 102, 103. Make adjustments as needed.
- 7**  Calibrate X, Y, and Z-axis.
- 8**  Record positioning accuracy: (Z-axis not applicable to 2-axis retrofit)  

<b>X:</b> _____	<b>Y:</b> _____	<b>Z:</b> _____
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- 9**  Record uni-directional repeatability:  

<b>X:</b> _____	<b>Y:</b> _____	<b>Z:</b> _____
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- 10**  Record bi-directional repeatability:  

<b>X:</b> _____	<b>Y:</b> _____	<b>Z:</b> _____
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- 11**  Check all cables and cable connections - cables should be neat and securely tied. Inspect wires in the electrical cabinet, tighten if needed for the RMX.
- 12**  Check if emergency stop button disables the control.
- 13**  Replace pendant fan filter. (N/A on RMX)
- 14**  Wipe machine down. Clean touchscreen on RMX.

**List potential problems, observations, or recommendations:**

**TECHNICIAN**

**NEXT MAINTENANCE DATE**