



Weiss VM25L Mill Spindle Break-In

Congratulations on the purchase of a Weiss milling machine. The spindle break-in procedure distributes lubrication throughout the bearings in order to reduce the risk of premature bearing failure. It eliminates any "dry" spots or areas where lubrication may have settled in the bearings. You must complete this if the machine is new, or if it has been sitting idle for longer than 6 months. Always begin the spindle break-in at the lowest possible speed to minimize wear. The break-in procedure helps minimize any potential wear that could occur before lubrication is fully distributed. Failure to do this could cause rapid wear-and-tear of spindle bearings and / or void the warranty.

1. Put on safety glasses!
2. Please first read the manual and educate yourself on the proper operation of a mill. Operating a milling machine can be inherently dangerous. A mill can seriously injure or even kill you if not operated correctly. Simply reading the manual is not enough education to safely run a mill.
3. Remove the drawbar if there's not an arbor or collet in the spindle.
4. Ensure the chip guard is in place.
5. Ensure the RPM dial is at the lowest possible position (rotate knob counter-clockwise).
6. Connect power to the mill.
7. Turn the direction switch to the forward or "F" position.
8. Press the green ON button. The LED speed display should light up in red.
9. Rotate RPM dial until spindle speed reaches 200 RPM and run the mill for a minimum of 10 minutes.
10. Without stopping the mill, increase spindle speed to 1,100 rpm for 10 minutes.
11. Without stopping the mill, increase spindle speed to 2,100 rpm for 10 minutes.
12. Reduce RPM to zero and then press the red "Stop" button.
13. Set the direction switch to "R".
14. Press the green ON button. The LED speed display should light up in red.
15. Rotate RPM dial until spindle speed reaches 200 RPM and run the mill for a minimum of 10 minutes.
16. Without stopping the mill, increase spindle speed to 1,100 rpm for 10 minutes.
17. Without stopping the mill, increase spindle speed to 2,100 rpm for 10 minutes.
18. Reduce the RPM to zero, then press the red "Stop" button.
19. Turn the direction switch to "0".

Congratulations - Mill spindle break-in is complete!