

MILLING MACHINE SAFETY RULES

1. Always wear eye protection.
2. If you've never used this machine before, ask for assistance first.
3. Work must be clamped securely in a vise, fixture or to the table.
4. Always make sure you are using the right speeds. The machine needs to be stopped in order to change ~~form~~ high gear to low, however once it is running, the speed can vary to some degrees using the variable speed control. If you are not sure, ask for assistance.
5. Always use cutters that are sharp and in good condition.
6. After putting a tool in the spindle and it has been tightened, remove the drawbar wrench immediately. Never leave the wrench on the nut.
7. Make sure that the spindle is running in the right direction before cutting the material.
8. Always make sure the cutter is clear of the part before taking a cut.
9. Make sure the table is not locked before taking a cut on that axis.
10. Never take too heavy of a cut or try to rush through a part.
11. When setting the automatic feed, make sure the cutter is a safe distance away from the work piece.
12. Always make sure the machine and spindle is fully stopped before taking any measurements.
13. Always use the spindle brake to stop the spindle after turning the machine off.
14. When removing a tool from the spindle, always fold up a rag and put it on the table under the tool. Hold the brake and loosen the drawbar nut with the drawbar wrench. When the nut can be turned by hand, only turn it ONE HALF TURN. Hold the tool with your left hand(**DO NOT PULL DOWN ON THE TOOL**) and hit the nut with a brass hammer. To remove the collet, hold the collet with your left hand(do not pull down on the collet) and turn the nut until the collet comes out of the spindle.
15. Make sure all tools are cleaned and put back where they belong.
16. Always clean the mill when finished and make sure all cutters are removed before cleaning to prevent being cut.