

Vertical Milling Machine

1. Wear Personal Protective Equipment (P.P.E) such as safety glasses, safety goggles, face shields, proper clothing as appropriate. No loose clothing, long hair, or jewelry is allowed in the shop.
2. Be aware of the position of the on/off switches and emergency **STOP** button.
3. Keep the work area clean and free of oil, grease and debris.
4. Make sure the spindle, beds and control handles are working properly before operating.
5. Ensure the work holding device is mounted securely to the table.
6. Ensure the work piece and cutter are mounted securely before starting the motor and making a cut.
7. To avoid injury, move the machine table as far as possible away from the cutter when setting up or measuring work.
8. Do not attempt to set up or measure the workpiece until the cutter is completely stopped. Keep hands away from moving parts.
9. When setting up or removing a milling cutter from its holder, proper precautions should be taken to avoid injury.
10. Ensure all tool bits are sharp and undamaged. Show your instructor any problems with tooling before operating the milling machine.
14. Make sure you have proper speeds and feeds for the type of material being machined. When in doubt, ask the instructor.
15. When the machine comes to a complete stop, remove cut material and chips with a brush.
16. Turn the milling machine off immediately if it does not sound correct or there is excessive vibration.
17. Always reference the owner's manual before operating and servicing equipment.

AT ALL TIMES – IF IN DOUBT, STOP! ASK YOUR INSTRUCTOR