

Table Saw



For Safety —

- 1. Operate only with instructors permission and after you have received instruction.**
- 2. Remove jewelry, eliminate loose clothing, and confine long hair.**
- 3. Make sure all guards are in place and operating correctly.**
- 4. Always use proper eye protection.**
- 5. Make all adjustments and remove chips or dust with the power off.**
- 6. Never use the miter gage and fence together in the same operation.**
- 7. The saw blade should extend above the work piece until the gullets of the blade clear the material.**
- 8. Never saw free hand. Use the miter gage when cross cutting, the fence when ripping.**
- 9. Never reach over the saw blade.**
- 10. Use extra care and precaution when sawing large material, or when using a dado or molding cutter head.**
- 11. Use a push stick when ripping narrow stock or when hands would be close to blade.**
- 12. Do not stand in the line of the cut when operating the saw.**
- 13. Lower the blade and be sure it has come to a full stop**

Drill Press



For Safety —

- 1. Make all adjustments or “set-ups” with the power off.**
- 2. Select the proper bit for the material to be drilled.**
- 3. Fasten the bit in the chuck securely before using the machine.**
- 4. Always remove the key from the chuck before turning on the power.**
- 5. Be sure the speed is not too fast for larger bits.**
- 6. Secure loose clothing or long hair.**
- 7. Clamp all sheet metal or sharp objects with a pliers or vise.**
- 8. When possible use a block of wood for a “back up” so that you do not drill into the table.**
- 9. Do not leave the machine until the drill has stopped.**

Grinder



For Safety —

1. **Make sure the tool rest is 1/16" – 1/8" from the wheel.**
2. **Stand to one side of the wheel when starting the machine.**
3. **Secure loose clothing or long hair.**
4. **Badly worn wheels should be replaced or “dressed.”**
5. **Make all adjustments with the power off.**
6. **When operating the grinder, keep hands away from the wheel when it is in motion.**
7. **All small pieces should be held with pliers.**
8. **Do not grind on the sides of the wheel.**
9. **Do not leave the machine until the motor has completely stopped.**

Band Saw



For Safety —

1. **Make adjustments with the power off.**
2. **Use both hands and keep fingers at least 4" away from the blade.**
3. **Keep upper guide within 1/4" from the material being cut.**
4. **Saw curves gradually. Sudden twists make break the blade. (Make relief cuts if necessary.)**
5. **If the blade breaks, *turn the power off* and step back.**
6. **Avoid backing out of cuts with power on.**
7. **Do not cut cylindrical stock without a vee block clamp.**
8. **Remove scrap pieces from the table only after the blade has stopped.**
9. **Do not leave the machine until the blade has stopped.**

Jig Saw (Scroll Saw)



For Safety —

1. **Make certain that the teeth on the blade point downward.**
2. **Make sure the blade is correctly fastened in the upper and lower chuck.**
3. **Adjust the guide assembly so the hold down clamp exerts a slight pressure on the top of the pieces being cut.**
4. **If possible rotate the motor shaft by hand a few turns to assure correct operation.**
5. **Use both hands on the material being cut.**
6. **Keep your fingers on each side of the blade, not directly in front.**
7. **Turn the switch off before backing the blade out.**

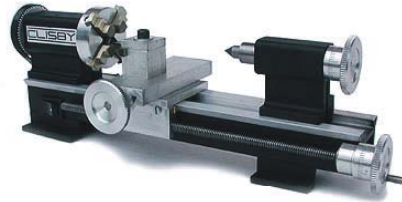
Jointer



For Safety —

1. **Always keep the safety guard in place.**
2. **Keep hands at least 6" away from moving parts.**
3. **Be sure the fence is adjusted and locked tight.**
4. **Keep stock firmly against the fence and table.**
5. **Maximum edge cut is 1/8 inch.**
6. **Do NOT use the jointer on pieces of wood shorter than 12".**
7. **Always use a push stick or "shoe" for flat surface jointing.**
8. **Maximum flat surface cut is 1/16".**
9. **Make all adjustments or "set ups" with the power off.**
10. **Do not leave the machine until the blade is completely stopped.**

Metal Lathe



For Safety —

1. **Make all adjustments or “set ups” with the power off.**
2. **Secure loose clothing and long hair.**
3. **Remove chuck key or wrench after using.**
4. **Make sure material is mounted and clamped securely before engaging power.**
5. **Use tool bits that are sharp and properly ground.**
6. **Check the chuck and carriage for clearance.**
7. **Remove tool holder and post before filing or polishing.**
8. **Use a brush to remove chips when the power is off, keep hands away from chips.**

Wood Lathe

For Safety —



- 1. Make all adjustments or “set-ups” with the power OFF.**
- 2. Secure loose clothing and long hair.**
- 3. Keep the turning chisel sharp.**
- 4. The slowest speed should be used for beginning rough turning.**
- 5. When spindle turning, lubricate the dead center end with oil or beeswax.**
- 6. The tool rest should be adjusted slightly above the center and as close as possible to the work.**
- 7. Rotate the stock by hand before turning the power on.**
- 8. Always hold the tool on the tool rest firmly with both hands.**
- 9. Always remove the tool rest before sanding or finishing.**

CNC Mill

For Safety —

1. **Make all adjustments or “set-ups” with the power OFF.**
2. **Handle cutters carefully.**
3. **Select the proper cutter.**
4. **Fasten material securely.**
5. **Set machine for proper depth and speed of cut.**
6. **Stand to one side of machine.**
7. **Work should feed against or opposite to the direction of cutter rotation.**
8. **Use a brush to remove chips when machine is off.**



Electric Welder

For Safety —



1. **Wear proper helmet and gloves.**
2. **Keep sleeves and pant cuffs rolled down.**
3. **The exhaust fan should be “ON”.**
4. **See that floor area is clear of obstruction.**
5. **Always “cover up” before striking an arc and warn others nearby.**
6. **Wear safety glasses when chipping slag.**
7. **Hang electrode holder up when work is completed and remove electrode.**
8. **Always hold the tool on the tool rest firmly with both hands.**
9. **Always remove the tool rest before sanding or finishing.**
10. **Do not leave the machine until it has completely stopped.**

Gas Welder



For Safety —

1. **Gloves and tinted face shield should be worn.**
2. **Make sure the hoses are properly connected and that all connections are tight.**
3. **There should be ample ventilation.**
4. **Keep all flammable materials away from welding area.**
5. **Make sure a lighted torch is always pointed away from yourself and others.**
6. **Keep acetylene pressure under 15 lbs. Per square inch.**
7. **Keep equipment free from oil and grease.**
8. **When finished, close tank valves, bleed hoses, and release adjusting screws on diaphragms.**