

Power Tool Safety

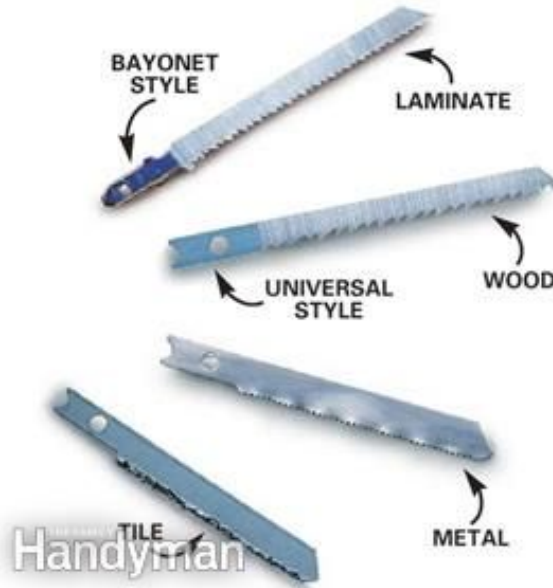
JIGSAW AND PALM SANDER

Jig Saw

- ❖ Jigsaws are ideal for cutting curves and complex shapes in wood. They also work well for making short crosscuts on a board and finishing inside corner cuts that you start with a circular saw. Jigsaws are not good for making fast, long, straight cuts.



- ❖ Prior to using the jigsaw, you must wear proper eye protection, have the instructor's permission, and have gotten a 100 on your safety tests.
- ❖ There are specific blades to be used for certain materials; ensuring that you have the correct blade for the material being cut is always important.



- ❖ Before changing out the blade, make sure that the jigsaw is turned off and unplugged.
- ❖ Make sure that the blade is secured tightly in the chuck.
- ❖ Before making any cuts, make sure that the material you're cutting is clamped down.
- ❖ While using the jigsaw, keep a constant and even cutting pressure.
- ❖ You should never angle, stab or force the blade into the work (material).
- ❖ You can safely cut gentle curves with the jigsaw.
- ❖ Once you are done with a cut, sit the saw down once it has completely stopped.
- ❖ If you are completely done, wrap the cord and put the saw away in its designated spot in the tool room,

Palm Sander

- ❑ A tool that utilizes sandpaper in a grit range of about 80-160, and it is a delicate tool that you must handle with care. You must continuously move the tool to ensure even finish. If you keep the ROS (random orbital sander) in one position for too long, it can dig into the wood.



- ❑ Always wear safety glasses and a dust mask when using the sander, it creates a lot of dust.
- ❑ Be sure that the trigger switch is in the off position before plugging in the sander.
- ❑ Hold the sander by the handle.
- ❑ Make sure that the sandpaper or abrasive sheet is secure and attached correctly.
- ❑ Turn the power on before making contact with the material that you are using.
- ❑ Turn the power off before removing the sander from the material.
- ❑ If the sander is ever not working properly, turn it off, unplug it and tell the instructor immediately.