



SCROLL SAW SAFETY SHEET



Appropriate eye and personal protective equipment must be worn. Machines have moving parts that may cause entanglement. All loose clothing, jewelry and long hair must be secured.

OPERATE ONLY AFTER YOU HAVE RECEIVED INSTRUCTION AND YOUR TEACHER'S PERMISSION TO USE THIS TOOL. BE SURE YOUR TEACHER HAS CHECKED YOUR UNDERSTANDING OF PROPER PRACTICE.

Possible Risk Factors

- ✓ Contact with moving parts.
- ✓ Eye Injuries
- ✓ Hearing Damage
- ✓ Hand Injuries
- ✓ Entanglement of hair, clothing or jewelry.
- ✓ Small and large projectiles

Scroll Saw Safety

1. Be sure to have the instructor's approval before operating the machine.
2. Any and all adjustments should be done before beginning work. Power source must be disconnected/locked out prior to making any adjustments.
3. Be certain the blade is properly installed. It should be in a vertical position with the teeth pointed down.
4. Roll the machine over by hand to see if there is clearance for the blade, and if the tension sleeve has been properly set.
5. Check the belt guard to see that it is closed and tight.
6. Keep the hold-down adjusted so it sits atop your material, this way the work will not be raised off the table.
7. Allow the saw to reach full speed before feeding the material.
8. Fingers should be on either side of the blade; never directly inline with the blade. Maintain a 2 inch margin of safety.
9. When the saw is running, do not permit your fingers to get directly in line with the blade. The work can usually be held on either side of the cutting line.
10. Round stock should not be cut.
11. If for any reason you are not sure, or if you feel that the operation you are about to perform is unsafe, ask your teacher for assistance.

Jig Saw Safety

1. Make sure the saw is properly grounded through the electrical cord.
2. Select the correct blade for your work and be sure it is properly mounted.
3. Disconnect the saw to change blades or make adjustments.
4. Be certain the blade is properly installed. It should be in a vertical position with the teeth pointed down.
5. Place the base of the saw firmly on the stock before starting the cut.
6. Turn on the motor before the blade contacts the work.
7. Do not attempt to cut curves so sharp the blade will be twisted.
8. Make certain the work is well supported. Do not cut into sawhorses or other supports.



SAFETY GLASSES



EAR PROTECTION



SAFETY BOOT



WEAR DUST

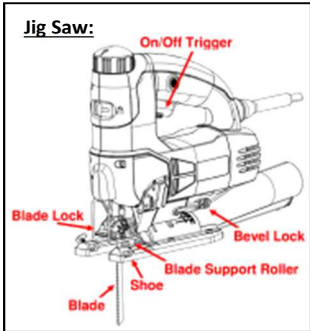
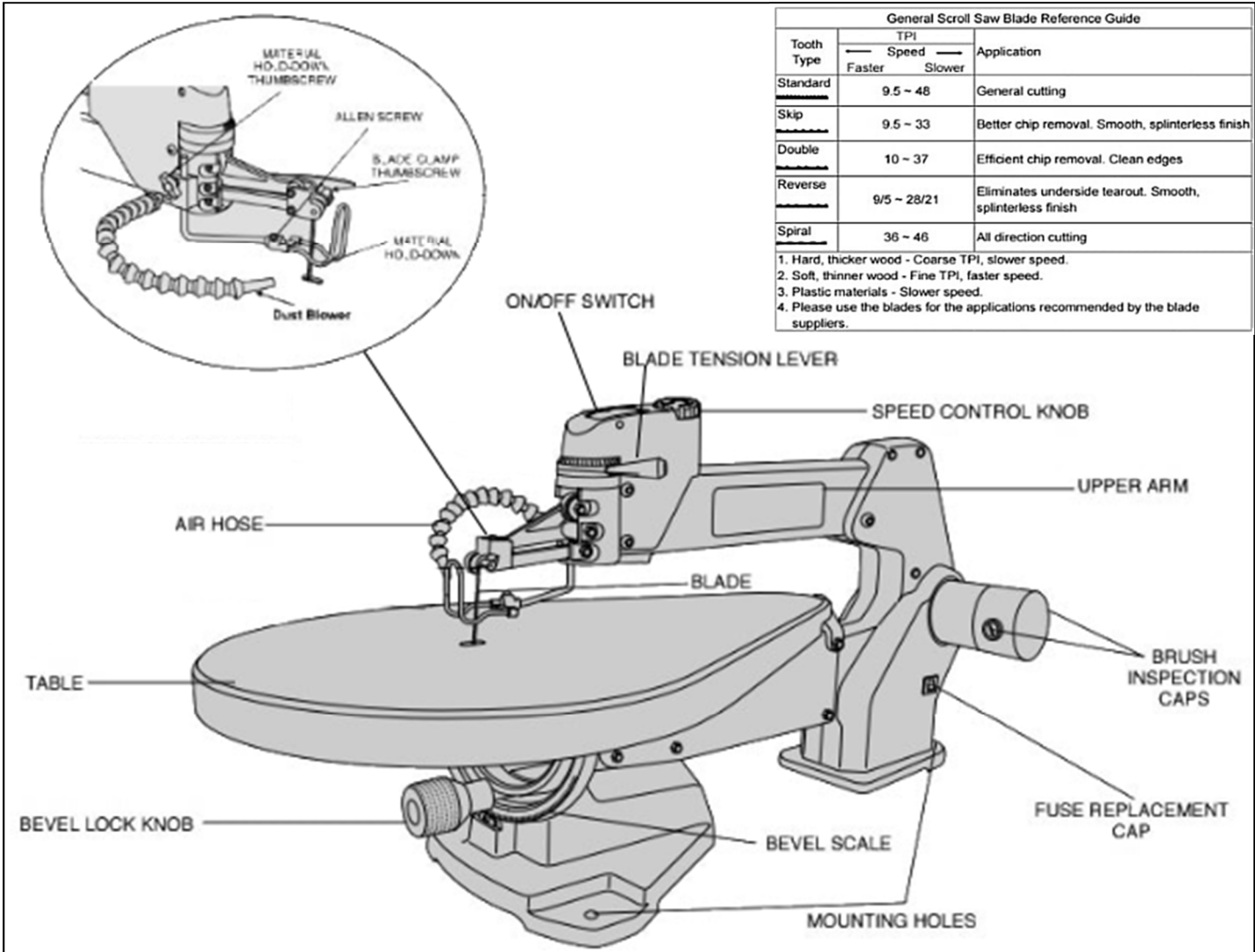


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Tooth Type	TPI		Application
	Faster	Slower	
Standard	9.5 - 48		General cutting
Skip	9.5 - 33		Better chip removal. Smooth, splinterless finish
Double	10 - 37		Efficient chip removal. Clean edges
Reverse	9/5 - 28/21		Eliminates underside tearout. Smooth, splinterless finish
Spiral	36 - 46		All direction cutting

1. Hard, thicker wood - Coarse TPI, slower speed.
2. Soft, thinner wood - Fine TPI, faster speed.
3. Plastic materials - Slower speed.
4. Please use the blades for the applications recommended by the blade suppliers.



If you want to cut an internal hole, loosen top blade thumb screw to expose end of blade. Insert blade through drilled hole in stock. Reattach blade, tighten top blade thumb screw.

