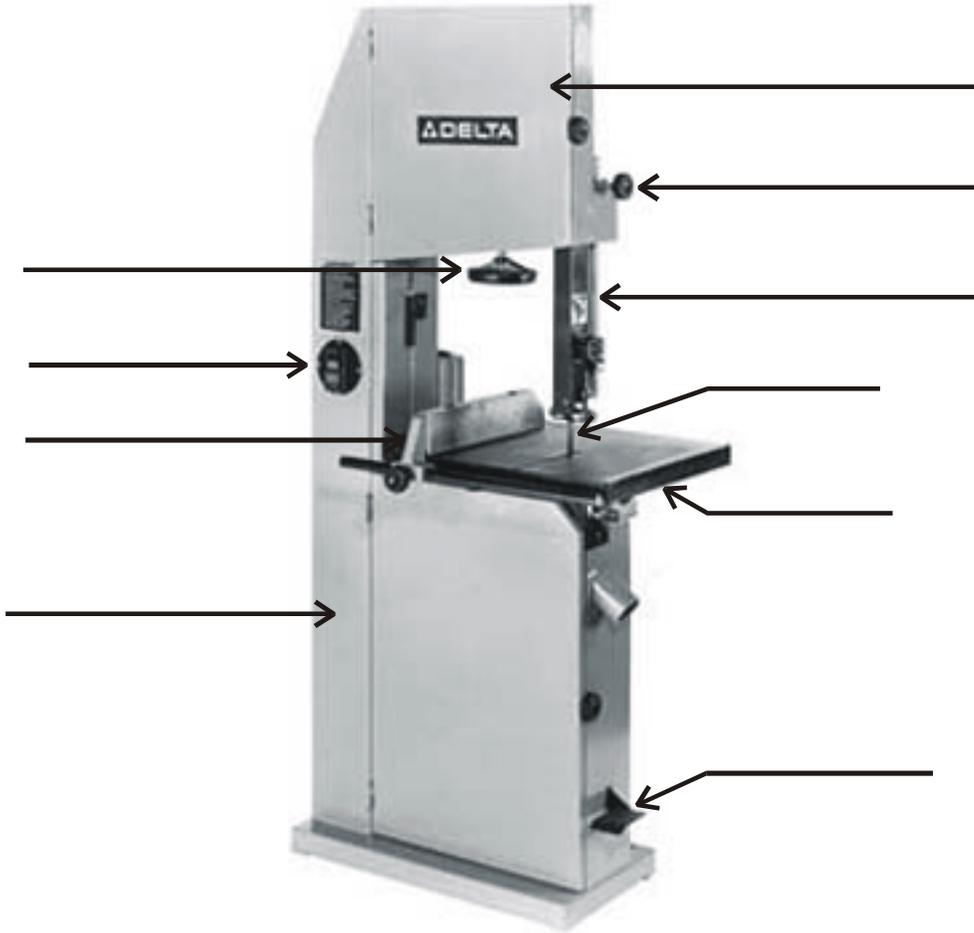




The Band Saw



Description:

The band saw is a powerful motor-driven cutting tool. The saw's blade is a continuous, flexible band of steel with rip-cut teeth filed on one edge. It has a tilting table for cutting on an angle. The size of a band saw is determined by the diameter of the wheels that drive and guide the blade. The distance between the table and the blade guard limits the depth of cut.

Operation:

The band saw blade travels in a clockwise direction forcing the stock that is being cut down against the table. Although the band saw is an excellent machine for cutting curves, it can also rip, and crosscut stock. Because of its powerful motor and deep depth of cut the band saw can cut large pieces of wood and also odd pieces of wood. The blade must be under tension to maintain a straight cut.

Things to Remember:

- + Wait for the band saw to come up to full speed before starting to cut.
- + Do not cut curves that are too tight for the width of the band saw blade.
- + Do not force a cut, always use a smooth, slow feed into the blade



Name:

Date:

Safety Contract for

The Band Saw



1. Wear safety glasses!
2. Be sure that all guards are in place.
3. The blade guard must not be more than 25 mm. above work.
4. Keep hands to the sides of the blade, never in front of the blade.
5. Keep work flat on the table.
6. Use a push stick to move scrap pieces of wood away from the blade.
7. Do not try to cut too small a radius, if necessary, make relief cuts first, ninety degrees to the line your must cut.
8. One person at a time operating the machine.
9. If the blade breaks, shut off the power and stand clear until the wheels have stopped turning.
10. When backing out of a cut, do so with extreme caution so as not to catch the blade and pull it off the wheels, otherwise stop the machine first.
11. When finished, turn machine off and use the brake to stop the blade.

+ Look at yourself; if you have **all** your body parts and you're not bleeding, then you can appreciate the benefits of safety in the shop.

Date of lesson _____

I was **present** for the instruction on the safe use of the **band saw** and I understand its use and will operate this machine in a safe method as described. I feel comfortable in the operation of the band saw and if in any doubt will ask for help from an Instructor. Fill in the date or name information below

| Teacher | | Student | | | | Teacher |
|---------|------|--------------------------|---------|--------------|-----------|-------------|
| Lesson | Demo | Last Initial, First Name | HO Done | Success Demo | Signature | Safe to Use |
| | | | | | | |