WOODWORKING

SAFETY CONTRACT

for

THE RADIAL ARM SAW

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1. Never let your hands come closer than 150 mm (6”) to the saw blade.

2. Before cross-cutting, be sure that the stock is tight against the fence.

3. **Never** cross your arms when cross-cutting. Your left hand holds the stock tightly against the fence, your right hand pulls the blade through the work.

4. For crosscutting or angle cutting, have the motor fully back against the column when positioning the work or starting the cut.

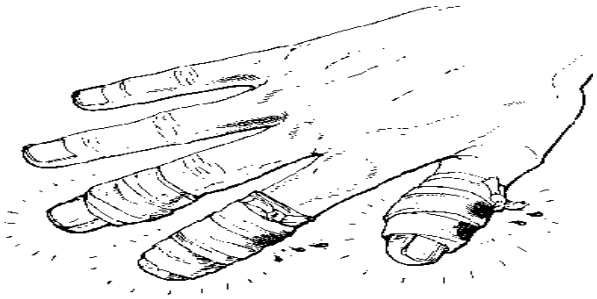
5. Always cut on the pull stroke, never on the push!

6. Pull the saw very **slowly** through the work. Control the rate of feed.

7. **Do not** allow your hands to be in the line of the cutting blade.

8. Push the saw fully back to the column before removing stock.

9. After turning off the machine, let the blade stop completely before removing the wood scraps.



Look at your fingers;
Count them;
If you can ***see*** them and can ***still count*** to ***ten***, then you can appreciate the benefits of safety in the wood shop.

DATE OF LESSON _____

I was present for the instruction on the safe use of the **Radial Arm Saw**. I understand the above safety rules and will operate that machine in the safe method described.

STUDENT'S SIGNATURE _____

TEACHER'S SIGNATURE _____

WOODWORKING

INSTRUCTION AID SHEET
for
THE RADIAL ARM SAW

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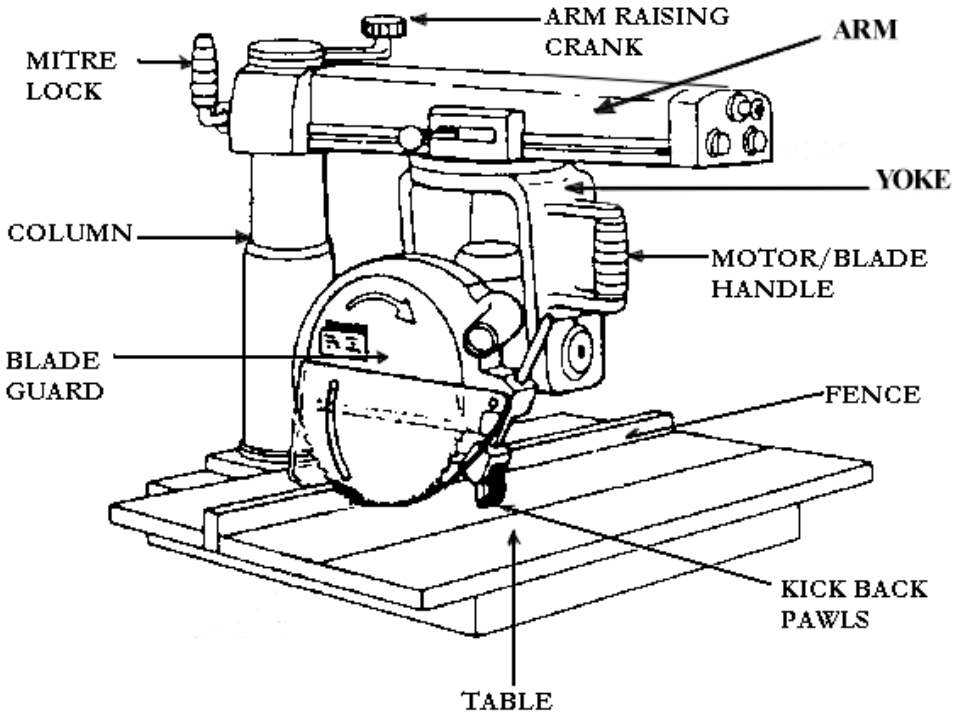

Description: The motor/saw blade is mounted in a yoke that is on an overhead arm that can be adjusted in a number of ways for numerous kinds of cuts. It's greatest strength is crosscutting and after initial setup accurate, multiple crosscuts can be made.
Operation: The radial arm saw is a wood working machine in which the cutter is pulled through the stock rather than the stock being pushed through the cutter. Stock must be held firmly against the fence while the blade is pulled through the stock.

Setting up for Multiple Cross-cuts using the 'Stop Block' Method:
1. Place all your project pieces that need to be the same length on the RA saw table. Cross-cut one end off each piece. Make sure the cuts are square 'both ways'.
2. From the squared end of one piece, measure the desired length and draw a clear layout line with a try-square and pencil.
3. Now place this piece on the RAS table so you will be able to accurately cut on the waste side of the layout line.
4. Now clamp a block of wood securely up against the squared end of this piece.
5. Now cross-cut this piece. Remove it and put your next piece in place up against the stop block and cross-cut again. Do this with all your pieces so they are exactly the same length.