

CROSS-CUTTING ON THE RADIAL ARM SAW

- ① The prime function of the Radial arm saw is to *cross-cut long lengths of stock* into shorter, more easily handled pieces suitable for project work.
- ② The most important difference between the radial arm saw and most other woodworking machines is that the **stock remains still** as the *saw blade moves through it*.
- ③ The **three main parts** of the radial arm saw are;
 - i the table and it's fence,
 - ii the motor and the blade,
 - iii and the arm.
- ④ Stock should be measured and marked to length on the edge closest to the fence and the cut should then be lined up with the blade.
 - ☞ Be sure the stock is **not in contact with the blade** before turning on the saw, push the saw all the way back to the column and *make sure* the stock is **against the fence**.
- ⑤ Turn machine on and begin to pull the motor through the stock **slowly**.
 - ☞ Be sure to hold motor **firmly** to prevent the machine from '*self-feeding*'
- ⑥ When the cut is complete **push the saw back to the column** and wait for the blade to stop before taking any pieces from the path of the blade.
 - ☞ Be sure to use a **stick** to clear the blade of any small pieces of wood that may become stuck after a cut.