



RADIAL ARM SAW

**NEVER CUT FREEHAND WITH MOUNTED CIRCULAR SAWS
NEVER PLACE HANDS CLOSER THAN 6" TO A MOVING
BLADE**

- 1. Configuration: circular blade mounted on overhead rail (arm)**
- 2. Cutting Action:**
 - a. Blade slides forward on rail, cutting on the pull stroke**
 - b. Wood is held in place while blade is moved**
- 3. Adjustments:**
 - a. Blade assembly can be raised and lowered**
 - b. Rail (arm) swings for miter cuts 45/0\45°**
 - c. Blade assembly tilts for bevel cuts 0\45°**
- 4. Cuts: straight cuts**
 - a. Crosscuts and compound miters in long boards and narrow panels**
 - b. Crosscut dados and rabbets**
- 5. Safety:**
 - a. Firmly fix wood against table and fence: never cut freehand.**
 - b. Hold wood with left hand, cut with saw in right hand.**
 - c. Slow steady feed: hold backpressure on saw: DO NOT TRY TO CUT TOO QUICKLY.**
 - d. Always check for square.**
 - e. Tilted blade bevel cuts are most prone to binding and thus most dangerous.**
 - f. Always return saw to its full rear position after the cut.**
 - g. Never "gang cut." Never cut more than one piece at a time.**
 - h. Avoid cutting deeper than 1/16 inch into tabletop.**