

## Skill Activity 2

### PARTS & ADJUSTMENTS for FINISHING SANDERS

| Completed                | Procedure  |
|--------------------------|--|
| <input type="checkbox"/> | 1. Obtain from tool cabinet 3 finishing sanders, 1 with square pad, 1 with a rectangular pad, and 1 with a circular pad.   |
| <input type="checkbox"/> | 2. Follow the labeled drawings or manuals to find the following parts: switch or trigger, handle, pad or platen, power cord, and paper clamp.  |
| <input type="checkbox"/> | 3. Plug each sander into an electrical outlet or compressed air line, and by operating and observing the action of the platen, determine whether the sanding action is STRAIGHT-LINE, ORBITAL, or RANDOM. Use the Sanding Action Diagram as a guide. |
| <input type="checkbox"/> | 4. Obtain the proper sized abrasive paper (120 grit) from the instructor. Install the abrasive paper on the sanders.   |

#### PROCEDURES:

Round pad or platen - these sanders use self-adhesive discs or Velcro. Be sure to press the disc onto the pad evenly, without wrinkles. Keep it centered.

Square or rectangular platen - these sanders have paper clamps to hold the abrasive. Install the abrasive paper in 3 steps, so it will be as tight as possible.

Step 1. Fasten one end of the sheet, keeping it square with the edge of the pad or platen.

Step 2. Pull the paper evenly and fasten the other end.

Step 3. Un-clamp the first end, pull the paper tight and remove wrinkles. Re-clamp.

Note: It is not recommended to use abrasive paper coarser than 120-grit on a finishing sander. Coarse grit will leave cross-grain marks, which are difficult to remove.