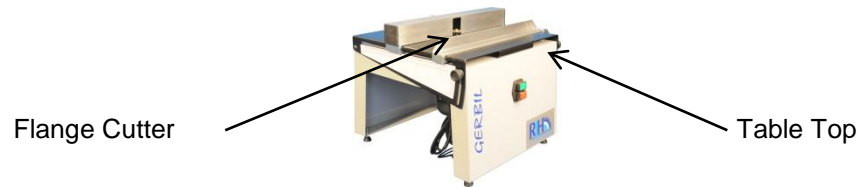


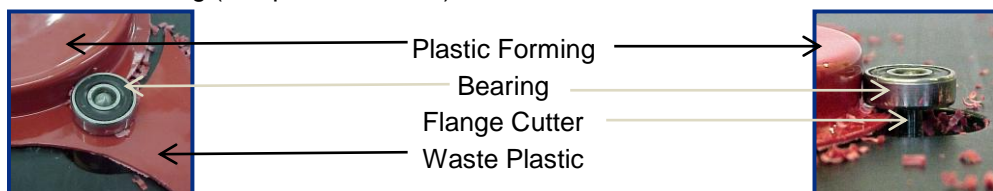
Trimming a Vacuum Forming to Give a Flanged Edge



The **2020** Gerbil is supplied with a flange cutter to cut out vacuum formings so as to leave a flanged base. A flange may be necessary, for example, to provide a surface for sticking two formings together. The cutter can also be supplied separately and fitted to the **2010** model.

The flange tool consists of a cutter shielded by bearings above and below the table. The bearings serve both to hide the blade for safety and to act as a spacer controlling the width of the flange.

1. The following safety instructions must be observed at all times: wear safety goggles, tie back long hair and remove any loose jewellery.
2. Fit the flange cutter as described in the instruction manual.
3. Place the vacuum forming to be trimmed alongside the cutter and make sure that it is seated flat on the table top of the Gerbil.
4. You can hold the vacuum forming in place however best suits you, but note that you do not need to apply as much pressure with the flange cutter as you do with the cutting disc; simply guide the forming in the right direction.
5. Switch on the machine. Holding the vacuum forming as instructed in (4) guide the forming towards the cutter, allowing the tool to cut a path through the waste plastic to the edge of the vacuum forming. The bearing should be visible all of the time, moving over the top of the plastic.
6. When the cutter reaches the forming, so that the bearing is resting against it, you can start cutting around the forming. Do this by keeping the cutter moving at a steady rate clockwise around the forming (see pictures below).



7. Make sure that the bearing maintains contact with the side of the vacuum forming so that the flange width is constant.
8. When the cutter is within 20mm of the starting position, slow down and very carefully complete the cut.
9. Switch off the Gerbil, remove the vacuum forming and clear the waste plastic from the table.
10. Note that you can use the flange cutter to work in more than one plane of the forming. For example, if cutting out a vacuum formed car, you can use the tool to form the wheel arches, after you have cut out the car body from the plastic sheet.
11. Allow the forming to cool.
12. The base of the vacuum forming may now need a small amount of finishing. Please refer to step 9 of Resource Material G2.