

How to Make a Perfect Glass Bottle Cutter Guide



www.glassetchingsecrets.com
Glass Etching Secrets
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I hope this free ebook is helpful. Feel free to pass it onto others, but please credit it back to my website where others can download the latest updated version and view the video on how to cut the glass bottles properly here:

<http://www.glassetchingsecrets.com/blog/home-made-bottle-cutter/>

We now offer our own professional brand of bottle cutters under the name **Upcycle EZ-Cut** on Amazon:

- **Standard model:** <http://amzn.to/2hQIwES>
- **Deluxe model with heat separation tool:** <http://amzn.to/2r42RJF>

Standard Bottle Cutter Model



- More info:
<http://www.glassetchingsecrets.com/upcycle-EZ-bottle-cutter>
- Found on Amazon: <http://amzn.to/2hQIwES>



[Buy from Amazon.com](http://www.amazon.com)



Deluxe Bottle Cutter Model



- More info:
<http://www.glassetchingsecrets.com/bottle-cutter-kit-plus-heat-tool>
- Found on Amazon: <http://amzn.to/2r42RJF>



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Introduction

This ebook will show you how to make a glass bottle cutter which has worked perfectly for me. There are many ways to make these so feel free to alter the design and try different methods. I chose to make mine in a way that allowed me to universally use my glass cutter for both the bottle cutting stand and for flat glass on its own.

If you don't recall, I posted an article with a video which shows how to use this cutter and cut the bottle perfectly on my blog. It also shows some of the glass bottles that I personalized with permanent glass etching techniques. You can view the video & examples here: <http://www.glassetchingsecrets.com/blog/home-made-bottle-cutter/>

The video is also on Youtube here: <http://www.youtube.com/watch?v=m9Nhdu8nUmc>

Part 1: Supply List



- **Board or plywood sheet.**

- For this cutter, you need one that is at least 7 inches wide, 20 inches long, and .5 inches thick.



- **3 fixed castor wheels.**

- I bought mine at Lowes for about \$3 each, but you can also buy them online through Amazon at this place cheaper: <http://amzn.to/10Y7YH0> . I have never found them to be much cheaper elsewhere. (You can also use also use any small wheel or Tub & Shower Door Rollers with a bracket, but it might be just as expensive and involve more work.)



- **1 small (5 inch) corner brace.**

- I recommend using one with a thickness of about 3/16" of an inch. I used this one from Lowes:

http://www.lowes.com/pd_64772-1277-220269_0_?productId=3448720



- **1 large (6 inch) corner brace.**

- Also use a thickness of about 3/16" of an inch. I used this one here:

http://www.lowes.com/pd_64773-1277-WM115BC_4294711043%2B4294852346_?productId=4376239



- **Vise grip pliers.**

- This is somewhat optional if you place on permanently fixing the cutter to the brace by welding. Here is some vice grips you can purchase online:

<http://amzn.to/1arNEDa>



- **Glass Cutter.**

- **Quality Cutter-** Any cheap glass cutter might work, but I am a big advocate for suggesting a quality glass cutter. It will not only last 20 + times longer, it will also cut much better. I use this Toyo pistol grip cutter here: <http://amzn.to/RHmbGx>
- **Inexpensive Cutter-** If you only plan on doing this occasionally, an inexpensive cutter will usually work. Here is one that is not only inexpensive but also of decent quality: <http://amzn.to/1nYn2ps>
- **Note:** I have tried a few cheap cutters bought from a nearby store and most of them seem to not hold up well.

Part 2: Building the Bottle Cutter

1. With your board laid out, simply line the edge of the caster wheels with the edge of the board and screw them in with wood screws. (You can also measure & mark a straight line from the edge for one side of the wheels to be placed.) I placed mine about 3.5" inches away from each other.



2. Place the third caster wheel on the opposite side of secured wheels and place various bottles that you will be cutting an in-between them. Move the castor wheel until the spacing allows for all typical bottle sizes that you are using such as a beer & wine bottle. The spacing for mine is about 2" inches from wheel edge to edge. Once in place, mount that wheel to the board with screws also.



3. Take the smaller corner brace and place it around where the fourth wheel would go. Measure an estimated height for the brace and cut off with a angle grinder, cut off wheel, or reciprocating saw. Mine is cut at 2.5" inches from the bottom. When that is cut to height, half way through the top edge of the brace, cut about a 45 degree angle notch out. This will prevent the square edge from hitting the bottle.



4. Now move that corner brace on the board with the bottle in the rollers until it fits correctly in place. Then screw that brace in place also.



5. Place the larger corner brace behind the bottle in a center position until the cutter brace lines up to where you'd typically like to cut the bottle. For smaller bottles, you can re-screw this brace closer or place a wood block in-between as a spacer. (An even better solution will be to mount a bolt and threads on the brace so it can be adjustable.)



6. For this last step, you need to just position the cutter next to the cut brace and secure it with vice grips. If you have an oil feed glass cutter, make sure you don't use the vice grips on the cutter's head too hard. I accidentally cracked mine!



Part 3: Sanding the Edges



I made a new video which gives some tips on sanding the edges of your cut bottles here:

<http://www.glassetchingsecrets.com/blog/sanding-edges-cut-bottles/>

You can hand sand your edges with sandpaper or do the easy way by using a sanding drum attachment for your drill as shown in the photo and that video.

As some people have suggested, you can also place the drill in a vise to hold it while moving the glass around. I think that is much easier. Most corded drills have a lock button which will hold the trigger down so it is constantly on.

Another person suggested using an orbital sander which may work, but I like using sanding drums better because it can reach the inner edge also.

Wider sanding drums are best and quickest. Below are some links to sanding drums that I found:

- 26 Piece Set: <http://amzn.to/1m4mrhe>
- Package of 9: <http://amzn.to/11IXtNH>

Part 4: Learning About Etching

In my video & post, I suggested the idea of personalizing these by etching logos, designs, and text onto the cup. This is what I work with a lot and here are a few of the simple etching examples I have made so far.



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If you are interested in learning how to personalize your cut bottle with glass etching, I suggest you check out my website and sign up for my private membership area here: <http://www.glassetchingsecrets.com/info.html>

You can also order my ebook there. The membership area includes a free copy of the ebook, along with sections containing many videos, tips, and tutorials. My information is focused on saving you money while ensuring professional results and showing creative solutions.

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