



The Recreator 3D - Community Bottle Cutter - RECYCLE - PET#1 - Plastic Bottle

 **JRT3D**

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Summary

The Recreator 3D - Community Bottle Cutter - Cut Plastic Bottles into 8mm Strip

[3D Printers](#) > [Accessories](#)

Tags: [bottle](#) [water](#) [recycle](#) [cutter](#) [cut](#) [strip](#) [petg](#)
[plastic](#) [bearings](#) [soda](#) [scissors](#) [recycled](#) [shear](#)
[recreator3d](#) [recreator](#) [pet1](#)

The Recreator 3D - Community Bottle Cutter - RECYCLE - PET#1 - Plastic Bottle

<https://youtu.be/2IzVs7Duawc>

The Recreator 3D - Pre-Release - RECYCLE - PET#1 - Plastic Bottle
Pultrusion Unit Join the Facebook Group to Stay Up To Date!

<https://www.facebook.com/groups/recreator3d>

Build Notes and Parts to Buy can be found here: <http://recreator3d.com/notes>

Parts to Print can be found here: <http://recreator3d.com/parts>
Gcode and other software can be found here: <http://recreator3d.com/software>

Operations Manual can be found here: <http://recreator3d.com/manual>
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The Recreator 3D's purpose is to Recreate PET #1 Recyclable Plastic Bottles into Useable 3D Filament.

The Smallest, Most Compact, and Portable Pultrusion Kit seen within the community. It's ability to Strip, Reform, Color, and Spool all in one Continuous Pull Cycle.

Coming in Under \$200, This Community Kit should inspire most Households and Community Team Leaders.

The Recreator 3D, inspired by the XViCO X3S 3D Printers. It's base structure, a few accessories, and a handful of 3D Printed parts are all that was used.

The Recreator 3D Will be 100% Free As a Community Build. With the "Pet-Pull" Group from Russia as visual inspiration of using a Pultrusion Method. I wanted to further adapt PET#1 Recycling to be more accessible to every person even easier. With this Goal, We'll reshape our Future's recycling Methods; One bottle at a time!

JRT

Joshua R. Taylor

jrt3d.com

recreator3d.com

recycle.xyz

Model files



STL Files

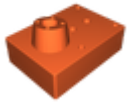
12 files



bottle-cutter-top-8mm-new-pennies.stl



bottle-cutter-top-75mm-new-pennies.stl



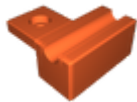
bottle-cutter-middle-new.stl



bottle-cutter-base-new.stl



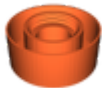
recreator3d-lead-screw-holder-left.stl



recreator3d-lead-screw-holder-right.stl



bottleweight-top.stl



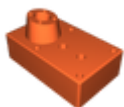
bottleweight-bottom.stl



bottlecutter-top-2xpennies-8mm.stl



bottlecutter-top-2xdimes-washer-8mm.stl





bottlecutter-middle.stl





bottlecutter-bottom.stl


Other files

 **Notes** 4 files

 **notes-parts-list.txt**

 **notes-the-recreator-3d-community-bottle-cutter.pdf**

 **notes-parts-list.txt**

 **notes-the-recreator-3d-community-bottle-cutter.pdf**

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