



TripoMate



Trickyhicky

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Summary

This is a remix of the Tripod Attachment System for Backpack by @lgotocds_1907137 in Fusion 360 with his kind permission

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The original design and heavy lifting for **TripoMate** was accomplished by [@lgotocds_1907137](#). My contribution has been redrawing it in Fusion 360 and making minor tweaks, such as adding chamfers to the edges and adjusting thicknesses. To access @lgotocds_1907137's original files, visit this link: [Tripod Attachment System for Backpack](#).

Disclaimer: I haven't personally printed this design yet, as I'm currently occupied with other projects, but I will be very soon as I have a trip to Scotland coming up. If you have any questions or need clarification, I recommend reaching out to @lgotocds_1907137 on the Printables site.

Model Description

The **TripoMate** is designed to be securely attached to a backpack or rucksack, addressing the common issue of tripods moving around when strapped to a backpack. From personal experience, I know how frustrating this can be.

@lgotocds_1907137 also created a second version of the **MountBar** which I have called **MountBar Mk2** in the files, which I have included in my files. The available file formats are **Fusion 360 (.F3D)**, **STEP**, **3MF**, and **STL**. These are provided to allow customisation according to your specific needs. Additionally, I've included a PDF of the drawings I generated in Fusion 360 to facilitate any modifications you might want to make.

Parts Required:

1x Buckle

1x MountBar

8x Clamps

8x M5 50mm Hex Bolts

8x M5 Nuts or Nyloc Nuts

1x Webbing Strap

Regarding the webbing strap, @lgotocds_1907137 notes on his page, "Additionally, you'll need a length of strap and some spare buckles. I used buckles from the store because I had some around, but many printable ones are available here."

Buckles on Printables

File Types Provided:

Fusion 360 (.F3D)

3MF

STEP

STL

Feel free to customise and modify the design to suit your needs. I encourage you to share your customized versions on the community sharing page. By collaborating, we can learn from each other and enhance the design further. If you encounter any issues or the design does not meet your expectations, please let me know on the sharing page. I will do my best to address any concerns.

Please like, save, and share the design if you find it useful. Your feedback, both positive and constructive, is invaluable in helping me improve these creations.

I'd love to see photos of your prints and hear how they turned out for you! Thank you for your interest and feedback.

Cura Print Settings:

Standard Quality

Nozzle: 0.2mm

Walls: 3

Top/Bottom Layers: 4

Infill: 15% Cubic

Supports: None

Material: Eryone PLA

Colour: Navy Blue

Weight: 60g

Print Time: 7 hours 5 minutes

This remix is based on



TRIPOD BACKPACK MOUNT

by Igotocds

Model files



tripodmate-mountbar-v13.stl



tripodmate-clamp-v13.stl



tripodmate-bracket-v13.stl



tripodmate-mountbar-mk2-v13.stl

tripodmate-v13.f3d

tripodmate-mountbar-v13.step

tripodmate-mountbar-mk2-v13.step

tripodmate-bracket-v13.step



tripodmatebracket-v13.3mf



tripodmate-mountbar-mk2-v13.3mf



tripodmate-clamp-v13.3mf



tripodmate-mountbar-v13.3mf

tripodmate-clamp-v13.step

Other files

tripomate-drawing-v1.pdf

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