



## Mobile Exo-Suit



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updated 21. 6. 2023 | published 21. 6. 2023

### Summary

Transform your phone with the Mobile Exo-Suit - finally, a worthy stand for your device.

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Tags: [phoneholder](#) [phonestand](#) [phonetripodmount](#) [phone](#)  
[phonecase](#) [exoskeleton](#) [cellphone](#) [mobile](#) [iphone](#)  
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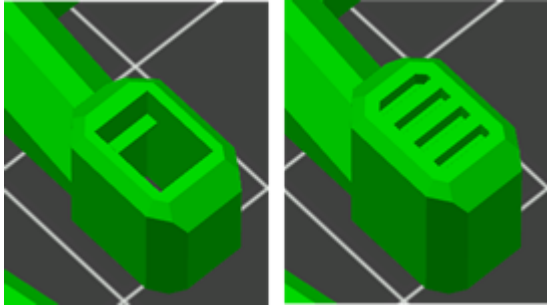
#### **update June 21, 2023: Improved Fit for Arms and Legs**

The arms and legs are now more securely attached, and a new tolerance test is now available. If necessary, you can reprint only the arms and legs while keeping the armor and body the same. All previous files can still be accessed in the older files folder.

#### **update June 19, 2023: Individual files available**

#### **update June 16, 2023: Body-v2.stl**

to avoid backwards builds, just an aesthetic alteration.



## **Introducing the Mobile Exo-Suit: Your Phone's Ultimate Armor**



This unique design combines functionality and style, resembling an exoskeleton or suit of armor for your device.

The Mobile Exo-Suit is ingeniously designed to adapt to different phone sizes, ranging from 70mm to 95mm, ensuring a perfect fit for various

smartphones. Once placed on the stand, your phone gains arms and legs, giving it a playful and dynamic appearance. Not only that, but the hands of the exoskeleton conveniently hold your charging cable when not in use, keeping everything organized.

The core structure of the Mobile Exo-Suit serves as the base, providing stability and support, while an additional armor layer enhances its aesthetic appeal, allowing you to personalize your device in style. The Mobile Exo-Suit adds a touch of elegance to your mobile experience.

Experience the ultimate combination of functionality and style with the Mobile Exo-Suit - a worthy place for your beloved device.

**No paint, no supports and no glue needed.**

**See all my designs on cults:**

<https://cults3d.com/en/users/jajaum3d/creations>

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Please help support the creative work of each 3D artist and never share or sell a digital file.

## **Printing Instructions**

Files in STL format to print without any support or brim and already in the best orientation.

Recommended layer height: 0.2mm.

Filaments used:

[Prusament PLA Prusa Galaxy Black](#)

[Prusament PLA Blend Viva La Bronze](#)

## **Tips**

- The body needs good bridges and a good first layer to print well.
- Print the legs for strength, increase walls and infill.
- Put the armor **before** joining the arms and legs to the body, don't mix left and right parts.

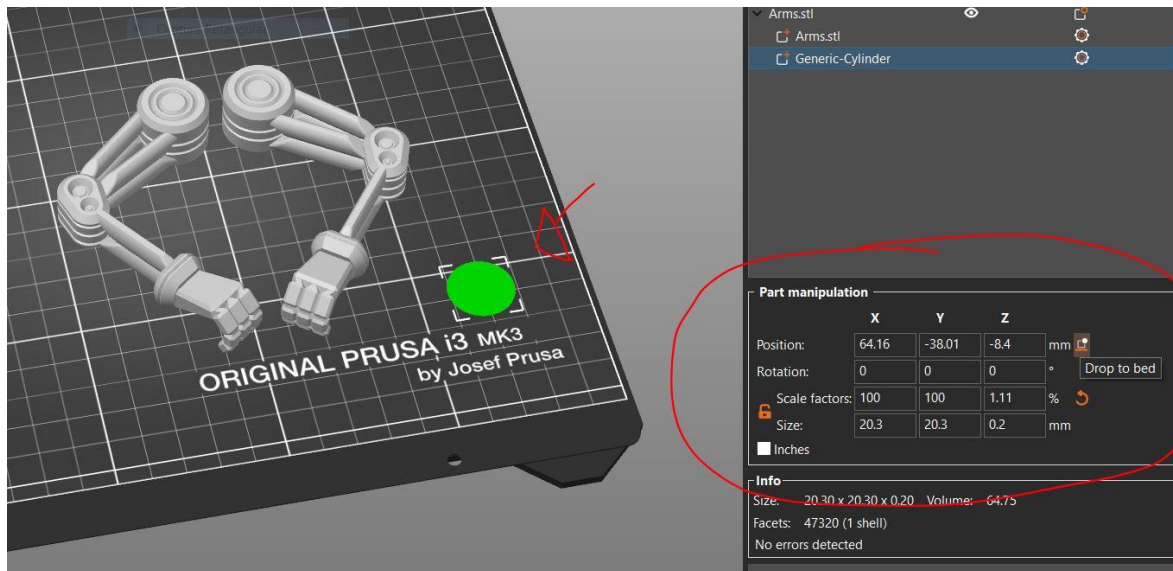


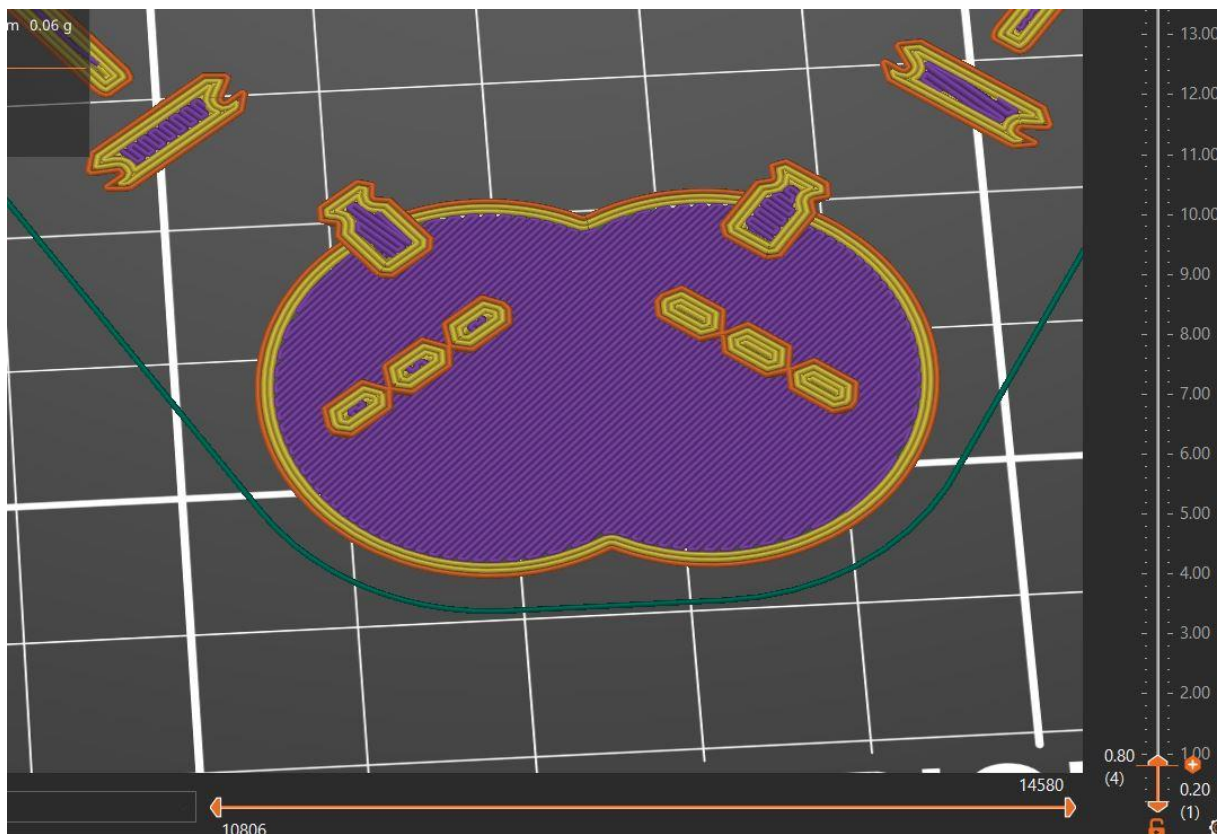
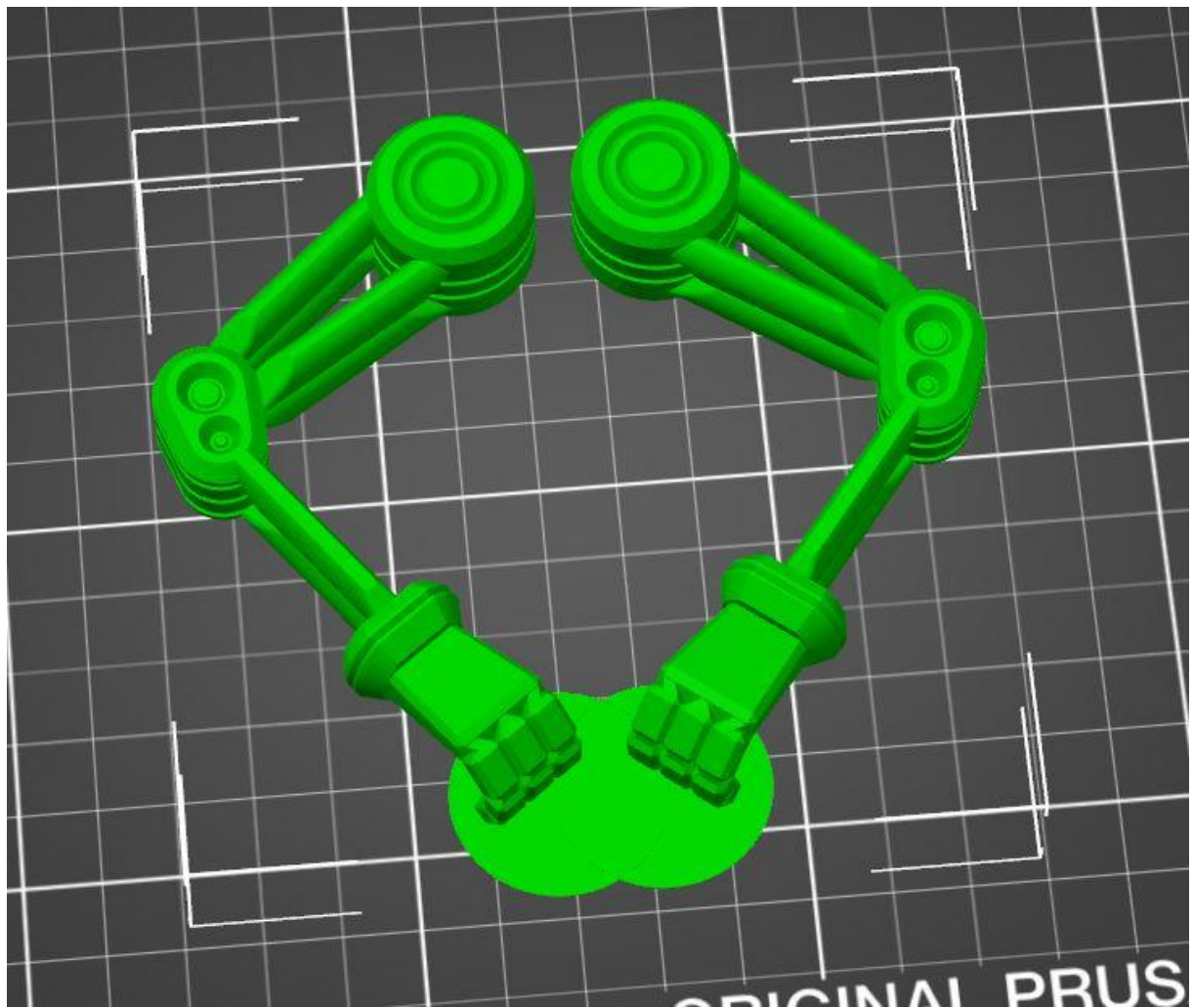
- On the forearm armor, put the elbow first



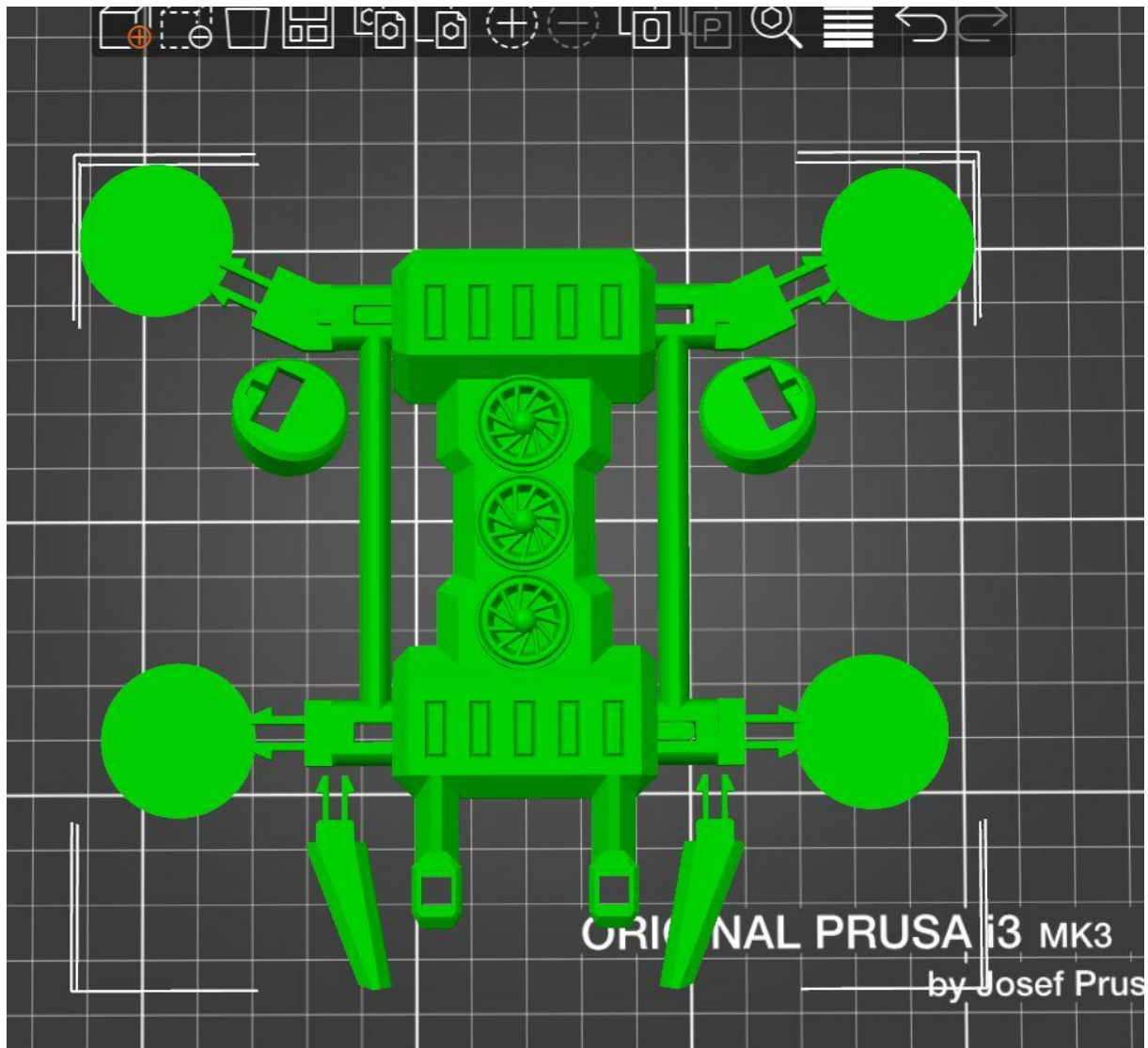
### **Bed adhesion problems?**

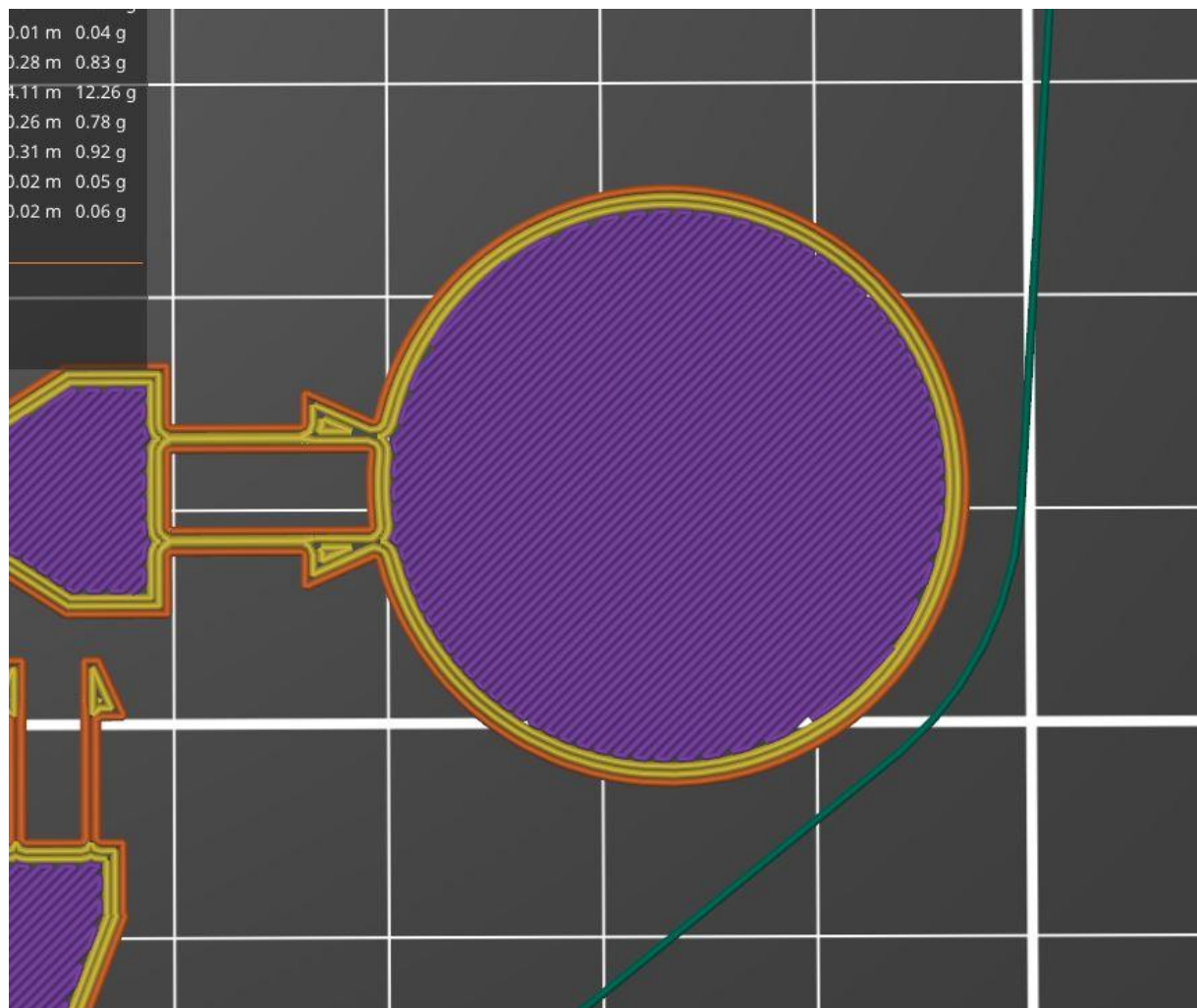
- Disable the Elephant foot compensation setting it to 0, as the model already has it.
- To put brim on everything is really annoying to remove later. This technique allows you to put it only on critical parts and in an easy way to remove later:
  - Right click on the model and select "Add part>cylinder"
  - Scale it to 0.2mm height, edit only the height and click on "drop to bed" to make it flat in the bed
  - Now drag it to under the hand for example and you're done. Repeat the process to any part that you want an extra adhesion. You can use and scale shapes as your needs.











## Model files



Grouped Files

5 files



tolerancetest.stl



body-v2.stl





**arms-v2.stl**



**legs-v2.stl**



**armor.stl**

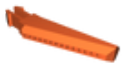


## Individual Files

17 files



**body.stl**



**phonesupportleft.stl**



**phonesupportright.stl**



**shouldeleft.stl**



**shoulderright.stl**



**armleft-v2.stl**



**armright-v2.stl**



**legleft-v2.stl**



**legright-v2.stl**



**shoulderarmorleft.stl**



**shoulderarmorright.stl**



**armarmorleft.stl**



**armarmorright.stl**



**legarmorleft.stl**



**legarmorright.stl**



**footarmorleft.stl**



**footarmorright.stl**



**Old Files**

5 files



**body.stl**



**armleft.stl**



**armright.stl**



**legleft.stl**



**legright.stl**

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