



# Mirka DEROS Orbital Sander Handler for Systainer



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## Summary

This part allows to hang a Mirka DEROS orbital sander with both 125mm or 150mm pad to its Systainer



4.00 hrs



1 pcs



0.25 mm



0.40 mm



PLA



57 g



Prusa MINI /  
MINI+

[Hobby & Makers](#) > [Tools](#)

Tags: [festool](#) [orbitalsander](#) [systainer](#) [mirka](#) [sortainer](#)  
[mirkaderos](#) [mirkasander](#) [tanos](#)

## Design

Starting from the two following models:

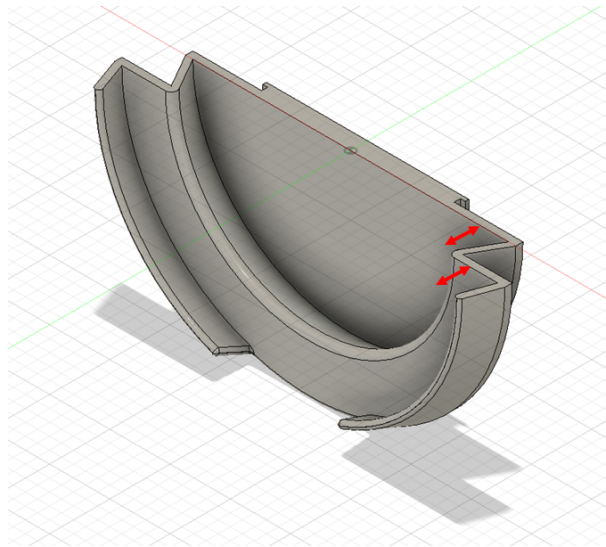
<https://www.printables.com/model/122734-systainer-150mm-sander-holder>

<https://www.printables.com/model/135647-mirka-deros-wallmount-double>

I designed in Fusion 360 a new handler compatible with both 125mm and 150mm sanding pads and Mirka Systainer

With this part I can hang my Mirka DEROS to the front or the side of the Systainer whatever the pad diameter I use (125mm or 150mm). It can be used with Systainer cover open or closed

Note that hanger is designed for standard pad saver thickness (3mm). If you use thicker pads you'll have to increase the height of the part where sander is supported (Red arrows)



Works also with Festool Systainers and must also be suitable for Festool orbital sanders 125mm and/or 150mm

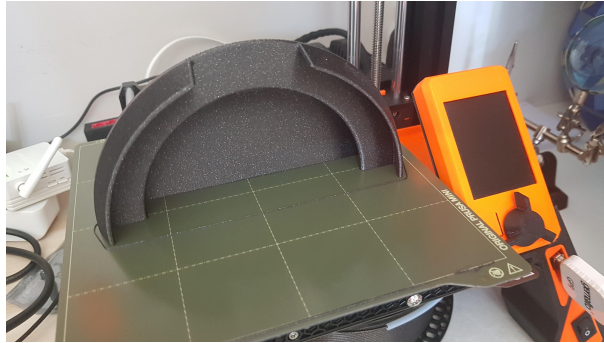


**Printing instructions**

Printed on my Prusa MINI+ with Prusament PLA Galaxy Black, 0.25mm layer height and PrusaSlicer standard parameters

It can be printed in other material as well like PETG and/or lower layer height (0.20mm)

Print part upside down to avoid using support as in .3mf file



On top of .stl and .3mf files, I uploaded Fusion 360 .f3d file so you can modify the design and adapt it to your needs

As usual, feedback and comments (and for sure "likes") will be always welcome. Feel free to post nice pictures of your makes

You can also look at other Mirka DEROS accessories I designed and 3D printed

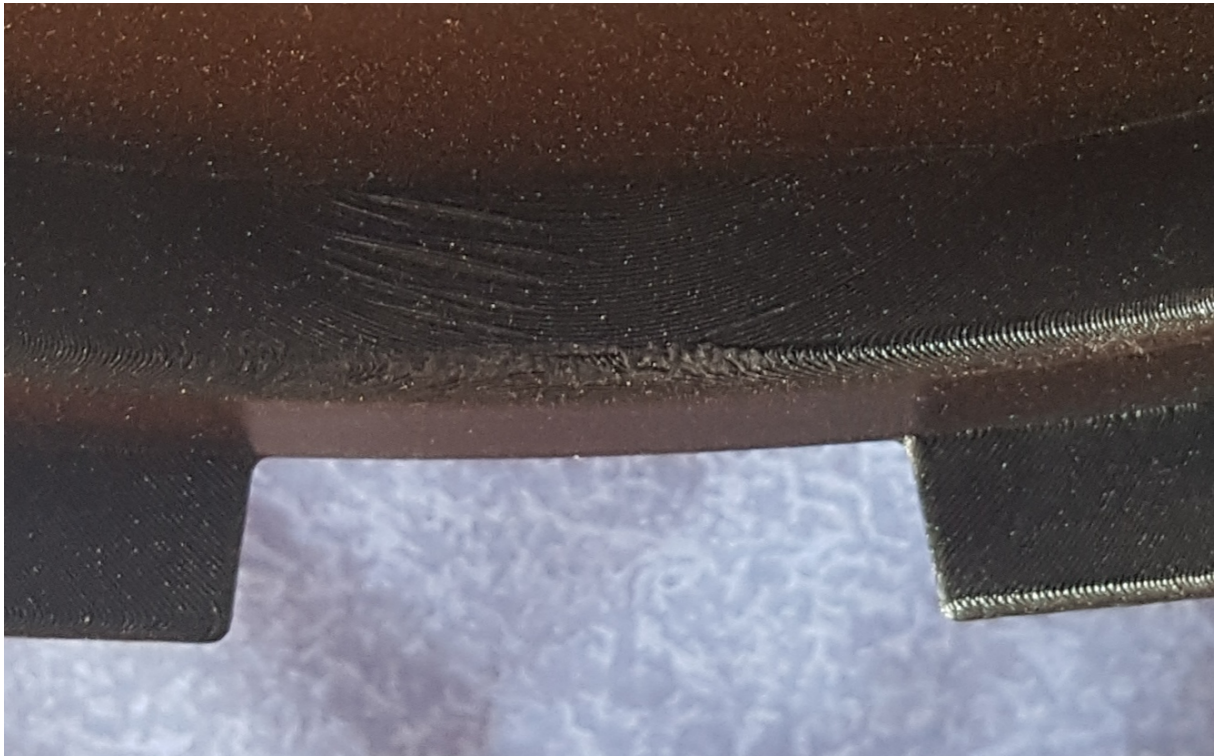
- [Mirka DEROS vacuum hose connector](#)
- [Sanding Blocks 125mm and 150mm Sanding Disks](#)

Enjoy

If you like this model, take a look also at [my other designs](#)

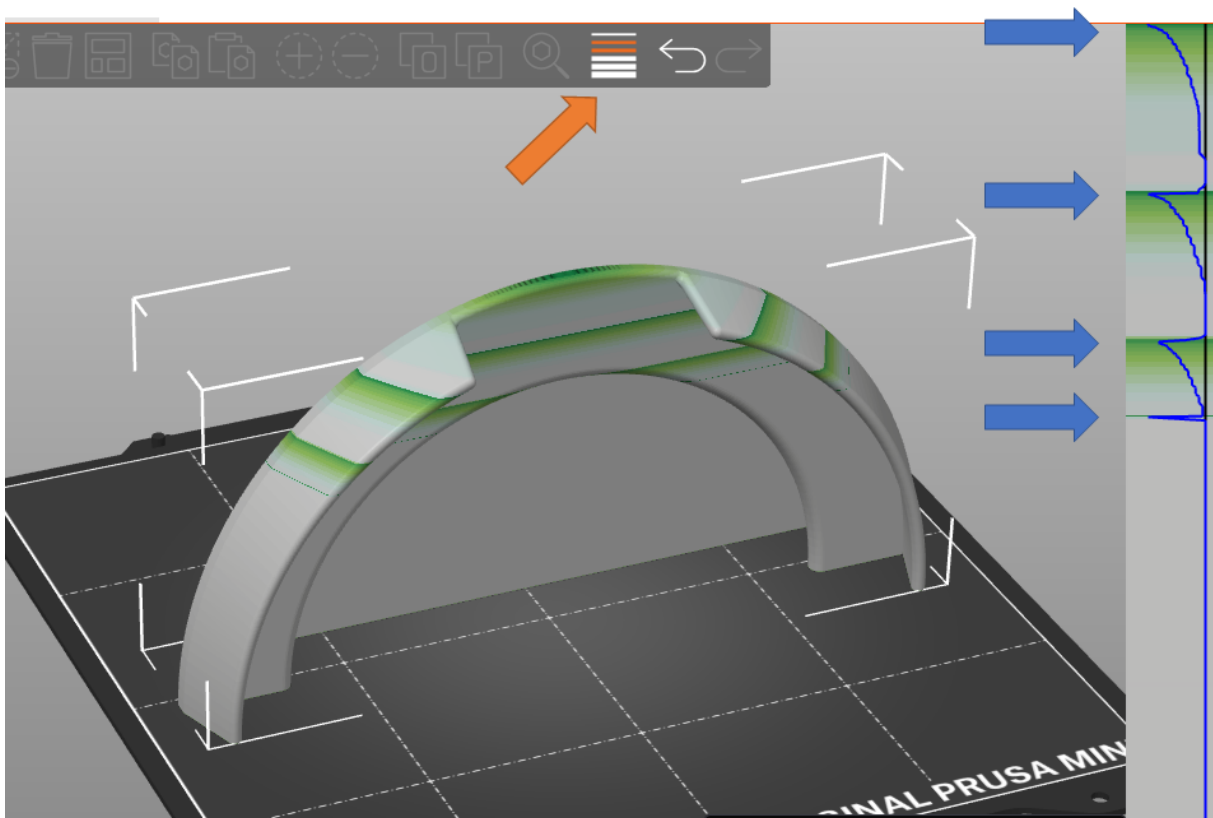
EDIT 01/12/2023

Following feedback from makers and before I modify the design, it's possible to improve printing quality of the over-hanged parts of the model.



Simply use the “Variable Layer Height” option from the slicer. It'll automatically reduce the layer height when over-hangs are important.

Example with PrusaSlicer where layer height changes from 0,25mm to 0,07mm



## This remix is based on



**systainer 150mm sander holder**

by gwendal



**Mirka Deros Wallmount Double**

by Linthis\_world

## Model files



**mirka-deros-support-systainer.3mf**



**mirka-deros-support-systainer-v6.f3d**

## Print files



**mirka-deros-support-systainer\_025mm\_2p\_pla\_215\_mini... .gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.25 mm ⌚ 4.00 hrs ⚖️ 57 g 🖨️ Prusa MINI / MINI+

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