



Smart Orbiter 3 MGN12H

 Jade

[VIEW IN BROWSER](#)

updated 20. 6. 2024 | published 20. 6. 2024

Summary

This is a really minimal WIP mount for the Smart Orbiter 3 on an MGN12H rail.

[3D Printers](#) > [Other Printer Parts & Upgrades](#)

Tags: [orbiterextruder](#) [orbiter3](#)

This should work for any application needing to mount an extruder with the same pattern as the Smart Orbiter 3 to a 20X20mm bolt pattern MGN12 rail.

Belts wrap around the base plate and use clips or any other fastener to hold them.

It uses 97171A310 inserts from McMaster as I had them lying around so I cut them down flush after inserting. The flange is on the side facing the Orbiter on mine.

The screws are 90236A120 also from McMaster with 8 being used. Any M3 can be used on the outermost holes to screw into the brass fittings and I intend on mounting other attachments to those with longer screws.

Model files



so3-mount.3mf



so3-mgn12h-plate.3mf

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution-NonCommercial

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition