Specs and Maintenance

Specs: The Bambu Carbon 3D printer is a high-speed, enclosed FDM 3D printer featuring a 256 x 256 x 256 mm build volume, optimized for advanced materials like Carbon/Glass Fiber Reinforced Polymers, PA, and PC. It features a 300°C hot end, 120°C bed, hardened steel nozzle, CoreXY motion system, and AI-driven LIDAR leveling.

Maintenance: Maintaining a Bambu Carbon 3D printer requires a few key steps for its best performance.

- Gently wipe the X-axis carbon rods with a microfiber cloth dipped in Isopropyl Alcohol (IPA) to remove dust, which is critical for print quality. Move the print head to access all areas.
- Wipe the Y-axis linear rods with IPA. Apply a thin layer of grease afterward to ensure smooth movement.
- Wash the build plate with warm water and dish soap to remove oil and residue for better adhesion
- Check the PTFE tubes in the AMS and at the toolhead for wear, especially after using abrasive filaments.
- Clean old grease off the Z-axis lead screws with a cloth, then apply new silicone grease to the rods.
- Use compressed air to clean the part cooling fan, hotend fan, and electronics fans to prevent overheating.
- Loosen the screws on the back of the idler pulley, allow the springs to tension the belt, and re-tighten to ensure proper belt tension.
- Clean out dust and small filament pieces, and keep desiccant filled.

https://www.youtube.com/watch?v=hDj53T0Aq3g

Maintenance for the Bambu H2D:

https://wiki.bambulab.com/en/h2/maintenance/period-maintenance

https://www.youtube.com/watch?v=kw90Q6sDODQ

Revision #4
Created 2026-02-03 19:40:47 UTC by Admin
Updated 2026-04-08 13:13:41 UTC by Febronia Farowez