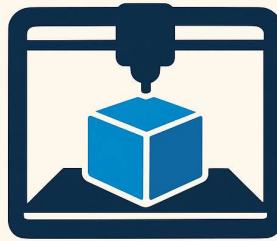


WELCOME

Adventures in



P3DP

PLATEAU 3D PRINTERS

P3DP.org

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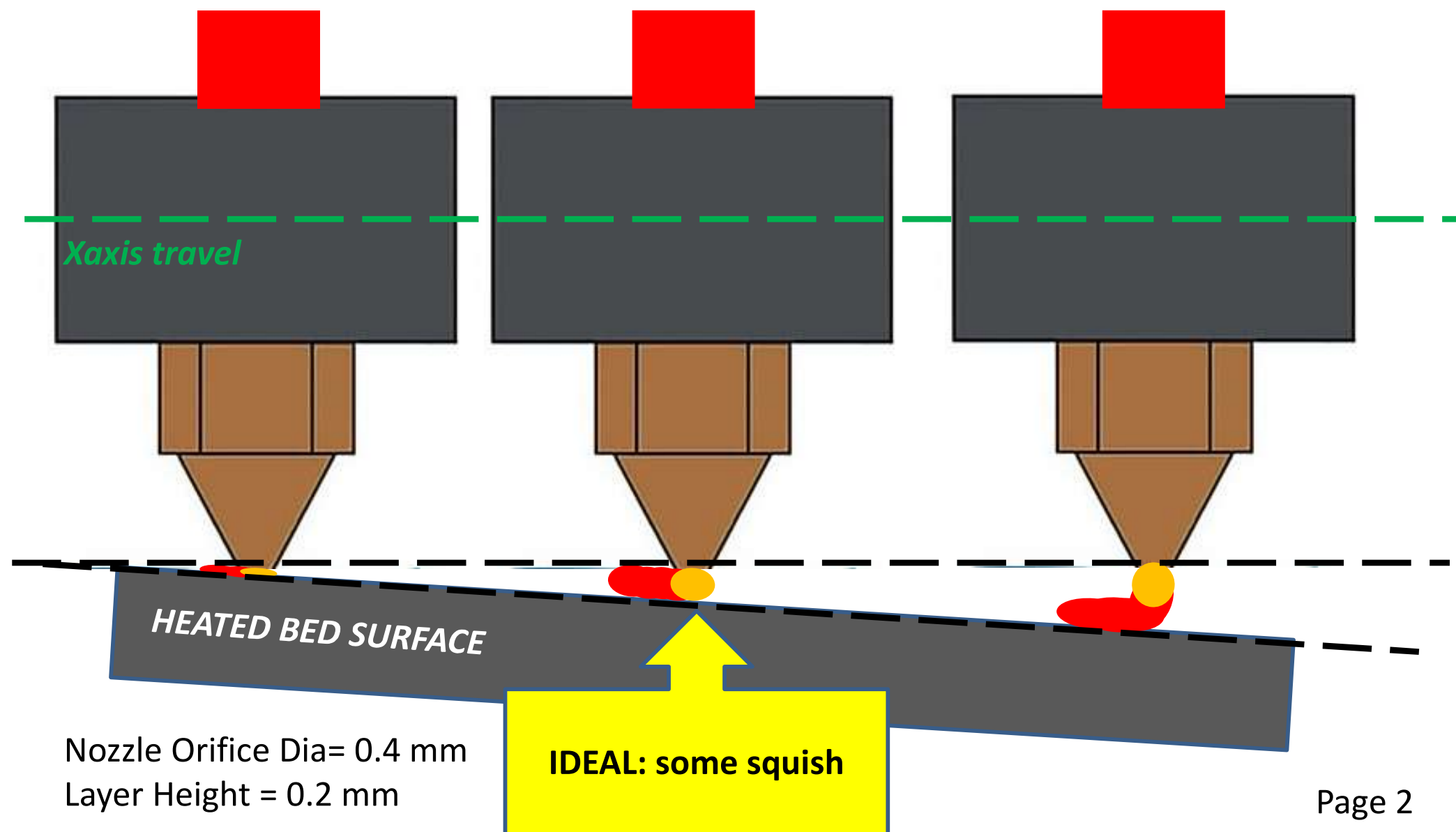
Maintenance 101

November 2025

1. Factors of FDM= Extrusion Flow and Gap alignment
2. “Leveling” – bane of hobby FDM machines
 1. The potato chip; precision begets precision
 2. Larger beds imply more stringency
3. Bed Cleaning
 1. Alcohol / Water / Soap and Water
4. Nozzle Ream
5. Belt Tension
6. Roller Bearing Tension
7. Loose screws
8. Grease
9. Bed Springs



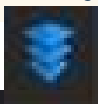
FDM factors for reliability



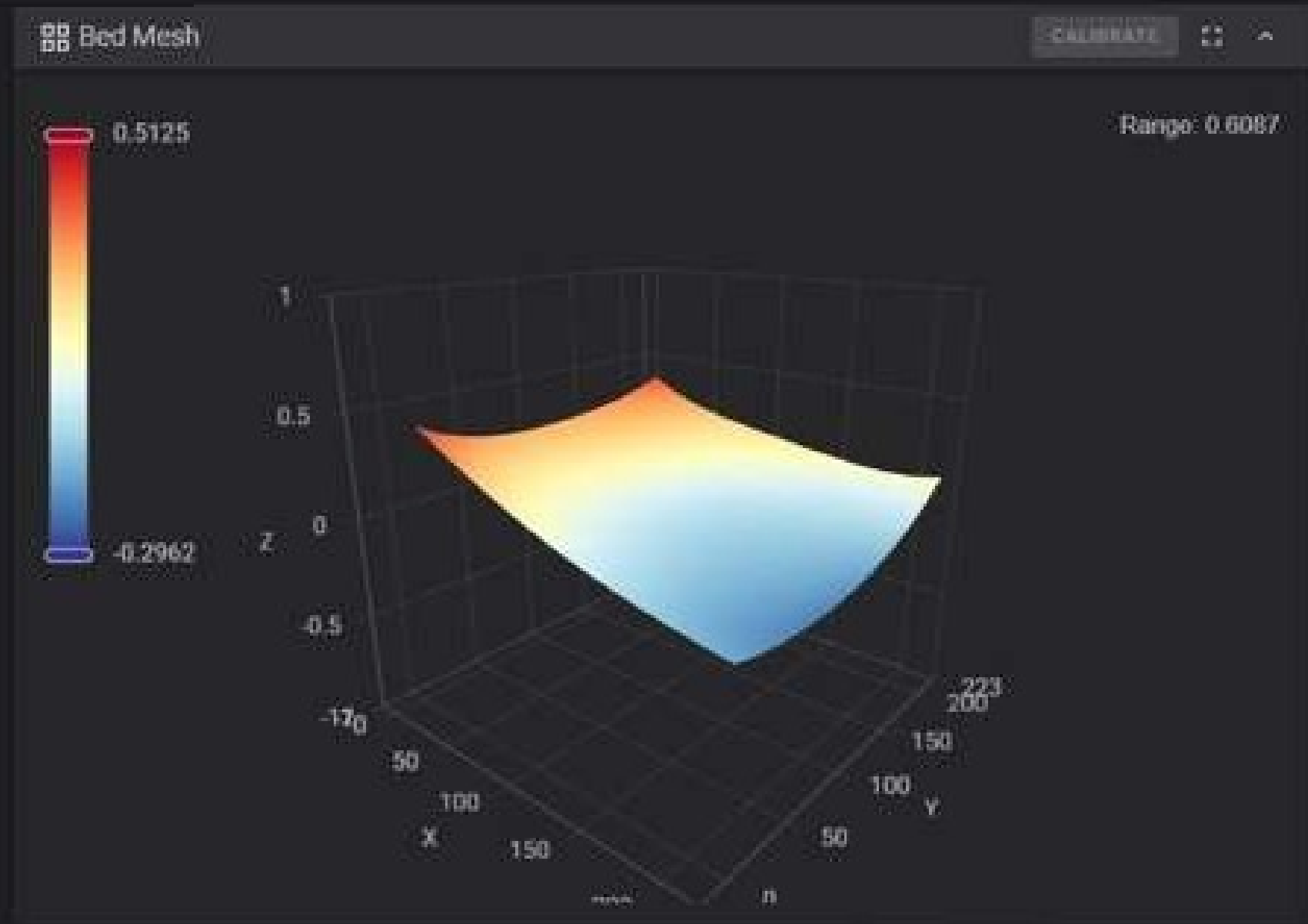


Maintenance 101

November 2025



VierLess



A close-up photograph of a person's hands adjusting a CAM roller on a 3D printer. The roller is a small, circular component with a central hub and a surrounding ring. The hands are positioned to adjust the tension of the roller. A black cable is visible in the background.

CAM roller Adjustment

WORKFLOW