

# 3D Printing and Open Source

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- [Open-source Felfil Evo 3D printing filament extruder available from \\$369](#)[3]

Italian 3D printing company Felfil has made available its Felfil Evo filament extruder, initially the subject of a Kickstarter back in 2015. The extruder is available in basic (€299, \$369), complete (€599, \$738), and assembled (€719, \$886) versions.

- [Michigan Tech engineers develop open-source GMAW metal 3D printer for only \\$1,200](#)[4]

Joshua Pearce, a prolific engineer at Michigan Tech, has been working on developing an affordable metal 3D printing technology. The project involves hacking a CNC router kit and an metal inert gas (MIG) welder to create a low-cost GMAW metal 3D printer.

- [3D Printed, Open Source Glia Stethoscope Receives Clinical Validation](#)[5]

Dr. Tarek Loubani spent some time working in hospitals in the Gaza Strip during the worst of the chaos and violence that is unfortunately still going on there. Due to a long-standing blockade, medical supplies were scarce in the region ? so scarce that doctors could often not find a stethoscope when they needed one. So Dr. Loubani came up with his own solution ? he 3D printed a stethoscope, for about 30 cents.

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**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/39>

[2] <http://www.tuxmachines.org/taxonomy/term/72>

[3] <http://www.3ders.org/articles/20180316-open-source-felfil-evo-3d-printing-filament-extruder-available-from-369.html>

[4] <http://www.3ders.org/articles/20180316-michigan-tech-engineers-develop-open-source-gmaw-metal-3d-printer-for-only-1200.html>

[5] <https://3dprint.com/206934/glia-stethoscope-validation/>