



EMBARGO UNTIL:

Thursday, Jan. 5, 2017, 7 a.m. Mountain Time

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Aleph Objects, Inc. Announces New Hardware at CES 2017

LOVELAND, COLORADO, USA – Aleph Objects, Inc., recently named the #1 fastest-growing privately held U.S. computer hardware company by *Inc. Magazine*, announced a new hardware product at CES 2017. In Q1 2017 the company will release the new LulzBot TAZ MOARstruder Tool Head.

“The LulzBot TAZ MOARstruder Tool Head enables high speed and high strength 3D prints, with the robustness and reliability that users expect from the LulzBot platform,” Aleph Objects, Inc. President Harris Kenny said. “This tool head is ideal for prototyping in labs, offices, classrooms, libraries, and workshops.”

The LulzBot TAZ MOARstruder Tool Head is a high output tool head with an extra-long heater block, dual print cooling fans, and a 1.2 mm diameter nozzle. This is all mounted on the modular tool head carriage, so users are a single screw and a plug away from upgrading to higher speed Fused Filament Fabrication (FFF) 3D printing. Like all LulzBot tool heads, the MOARstruder features an open filament format, meaning it is compatible with current and future materials that will be introduced to the market.

Watch the LulzBot TAZ MOARstruder Tool Head teaser video: LulzBot.com/MOARstruder

After upgrading, users can 3D print 0.3 mm to 1.2 mm thick layers and up to 100 grams (0.22 lbs) per hour, ideal for rapid prototyping and production environments. Users can take advantage of provided quickprint profiles in [Cura LulzBot Edition](#), the company’s popular Free Software program.

[Click here to see the 300-hour Rocktopus print on display at CES 2017.](#)

Like all LulzBot products, the LulzBot MOARstruder Tool Head is a Free Software and Open Source Hardware product that respects user freedom. It is already certified Open Source Hardware ([US000053](#)) through the Open Source Hardware Association ([OSHWA.org](#)) and freely licensed development files can be found online here: <http://devel.lulzbot.com/TAZ/accessories/opah/>

“Our engineers have been relying on the LulzBot TAZ MOARstruder Tool Head internally for months to make our own prototypes and jigs,” Aleph Objects, Inc. R&D Manager Julie Pettit said. “Not every print needs ultrafine resolution. Sometimes, speed and strength matter more.”

The LulzBot TAZ MOARstruder Tool Head joins other tool heads supported on the LulzBot platform, offering the option to upgrade to whole new capabilities from a versatile and capable base machine:

- [LulzBot TAZ Standard Extruder Tool Head](#)
- [LulzBot TAZ Flexystruder Tool Head](#)
- [LulzBot TAZ Dual Extruder Tool Head](#)
- [LulzBot TAZ FlexyDually Tool Head](#)
- [LulzBot Mini Standard Extruder Tool Head](#)
- [LulzBot Mini Flexystruder Tool Head](#)

See demonstrations of the LulzBot TAZ MOARstruder Tool Head in person at CES 2017 in the LulzBot 3D printer booth: [Tech West, Sands Expo, Level 2, Halls A-D, Booth #42524](#)

Graphic Assets (Links)

- **Logos**
 - [Aleph Objects, Inc.](#)
 - [LulzBot](#)
- **LulzBot TAZ MOARstruder Tool Head – Teaser Video**
 - [LulzBot TAZ MOARstruder Tool Head Teaser Video – LulzBot.com/MOARstruder](#)
- **LulzBot TAZ MOARstruder Tool Head – Photos**
 - [LulzBot MOARstruder Tool Head \(profile\)](#)
 - [LulzBot MOARstruder Tool Head \(angle\)](#)
 - [LulzBot MOARstruder Tool Head with 3D printed objects](#)
 - [300-hour Rocktopus print made with LulzBot MOARstruder Tool Head, on display at CES 2017](#)

Praise for LulzBot Desktop 3D Printers

LulzBot desktop 3D printers are widely acclaimed by critics and customers alike for reliability, robustness, respect of user freedom, ease of use, excellent customer support, and extensive documentation.

Praise for the LulzBot TAZ

Aniwa 2016 Best 3D Printers (No. 1 out of 980)
Tom's Guide "Editors' Choice"
Linux Format Magazine 2016 #1 3D Printer
Make: 2016 Guide "Best Overall"
Make: 2016 Guide "Outstanding Open Source"
Make: 2015 Guide "Most Maker Machine"

3D Hubs 2016 Buyers' Guide "Best of Enthusiast"
3D Hubs 2017 Buyer's Guide "Best of Workhorse"
3DPrint.com 2015 Buyers' Guide
3DForged "Best Printer Under \$3,000"
3D Printing Industry "Top 3D Printer Under \$2,500"

Praise for the LulzBot Mini

Aniwa 2016 Best 3D Printers (No. 4 out of 980)
PCMag "Editors' Choice"
Inc. "15 Coolest Products of 2015"
Tom's Guide "Editors' Choice"
Tech Radar "10 Best 3D Printers 2015"

3D Hubs 2016 Buyers' Guide "Best of Plug 'N' Play"
3D Hubs 2017 Buyers' Guide "Best of Plug 'N' Play"
3DForged "Best 3D Printers 2016"
3D Printing Industry "Top 3D Printer Under \$2,500"
3DPrint.com 2015 Buyers Guide

About Aleph Objects, Inc.

Founded in January 2011 and built on the philosophy of freedom, Aleph Objects, Inc. is a Free Software, Libre Innovation, and Open Source Hardware company. Headquartered in Loveland, Colorado, USA, Aleph Objects designs, develops, and manufactures the LulzBot line of 3D printers, parts, and plastics. Learn more online at [LulzBot.com](#).

Praise for Aleph Objects

#1 Computer Hardware Company (*Inc. 500, 2016*)
Top 250 Private Companies (*CoBizMag*)
Colorado Companies to Watch – Winner (*CCTW*)
Colorado Company of the Year – Runner-Up (*CTA*)
Top 100 Digital Companies (*Built in Colorado*)

#122 Fastest-Growing Company (*Inc. 500, 2016*)
Top 250 Colorado Manufacturers (*CoBizMag*)
Fastest-Growing Co. in Northern Colorado (*BizWest*)
Small Business of the Year – Finalist (*FCACC*)

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