arcadian 3D
ELECTRONIC PRESS KIT

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Arcadian 3D's *ARC-one* | Fact Sheet

Who/What
Arcadian 3D, an Australian startup, has developed the next generation of 3D printer and is introducing the *ARC-one* 3D printer, in early December 2015, available through Kickstarter.

Mission
With the *ARC-one,* our mission is to produce the best consumer 3D printer, at a competitive price, in order to provide high quality, accessible technology for users of all levels. It is simply FFF/FDM 3D printing at its best.

Why is the *ARC-one* different?
➤ Autonomous printer with its own operating system - no computer required. First and only hobby-grade/consumer level printer with a Linux OS and 32-bit motion controller combined, which eliminates the need for an external computer.
➤ Browse 3D model sites directly from the printer. Search, select, print. Classic USB printing modes also available for off-the-grid printing.
➤ An (almost) 1-click experience for beginners, and settings/programs for advanced users
➤ Faster production mean less downtime during builds.
➤ Unlimited user choice of build material.
➤ Simplified calibration.
➤ 50%-70% less expensive than market competitors.
➤ Designed by a team whose own consumer experience with subpar printers drove their quest to make a better piece of technology.

Team
Alex Bolderoff, Founder and CEO
Alex Bolderoff is an inventor and entrepreneur with a background in manufacturing and business management. His company, Arcadian 3D, is the personal and collaborative result of his efforts over the last 18 months. Alex is based in Perth, Australia.

Joe Mosfet, CTO
An early-adopter and experimenter of 3D printing as well as a well-versed expert in corporate business practices, Joe has joined the team offering his expertise in electronics engineering and circuit design, as well as business and technical guidance. His success from the widely-deployed 3D printer control

boards - melzi, stepstick and sanguinololu - has made him a valuable asset to the Arcadian 3D family. Joe is based in Denver, Colorado.

Contact

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- www.facebook.com/Arcadian3D
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Images

The *ARC-one* 3D Printer

www.arcadian3d.com

Announcement Image

Press Release

Australian Startup to Vastly Disrupt 3D Printer Market with *ARC-one*

Arcadian 3D's streamlined 'ARC-one' printer speeds up high quality builds with its on-board operating system, at a fraction of the cost.

PERTH, Australia (December 8, 2015) - [Arcadian](#) [3D](#), an Australia-based company, has developed the next generation of 3D printing technology with the *ARC-one*, a consumer-level 3D printer that competes with models in the $5,000 range, besting competitors with its $1,399 price tag while bragging better features and technology.

Founded by 23-year-old entrepreneur and inventor Alex Bolderoff, Arcadian 3D emerged as a company intent on problem solving. With the help of CTO Joe Mosfet, an accomplished electronics engineer and circuit designer with years of best practice business experience, they set their sights on improving upon current printer models on the market. "I saw that most 3D printers were using the same old technology repackaged over and over again. As a consumer, I was expecting repeatable reliability in these expensive machines, and since that wasn't happening, I decided to create my own," said Bolderoff.

Not only was Bolderoff able to create his dream printer, he was able to do it at a fraction of the cost. "We keep our overhead low and keep the user in mind. I'm proud to say that our printer is at least 50% less expensive than comparable models on the market today, yet doesn't have the same problems that plague other more expensive machines," said Bolderoff. Keeping costs low was a priority from the start for Arcadian 3D. Bolderoff and Mosfet agreed that access to this technology should be wider and more universal. When asked about his low price, Bolderoff said, "Developing this technology was never about making us wealthy - it has always been about creating a fair product, in terms of price and quality. I *was* the 3D printer consumer, and I know what it feels like to spend a lot on a printer that you're disappointed in. We wanted to be different."

The *ARC-one* boasts a multitude of features, including an on-board operating system that doesn't require the use of an external computer, web browsing for 3D model downloads, and more advanced settings that allow pros to upgrade and hack their *ARC-one* to suit their design needs. The *ARC-one* is the first and only consumer 3D printer with a Linux OS and 32-bit motion controller combined. Smart software allows for easier downloading, preparing models, 3rd party slicing apps, filament profiling for perfect prints, and more. Arcadian 3D has developed technology that eliminates guesswork by providing error-proof bed levelling, advanced filament sensors, and creating larger maximum build volume inside of a compact unit.

The *ARC-one* is now available through Kickstarter. Each backer will receive a printer for pledging, and rigorous planning has secured a swift production schedule, for after their fundraising goal is met, to fulfill the backer reward quickly.

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Technical Specifications

Click here to see the full list of features of the *ARC-one* 3D printer.

Thank you for taking the time to get to know us. Please let us know if you have any questions or if you are interested in covering our Kickstarter launch on December 7, 2015.

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