

## Fusion3 Unveils F410 Professional 3D Printer

US Manufacturer Maintains 3D Printing Industry Leadership with Features for Greater Flexibility, Improved Performance, and Ease of Use in Demanding Applications

Greensboro, North Carolina & Ft. Worth, Texas, April 16, 2018 – Fusion3, the USA manufacturer of affordable, high-performance 3D printers for business & education, announced today the availability of the company's new F410 professional 3D printer. The Fusion3 F410 is the successor to the company's F400 3D printer which took the professional 3D printing category by storm at its introduction in 2016. Available today for \$4,599 USD, the F410 builds upon the success of the F400 with further emphasis on performance, reliability, and ease of use.

"The new Fusion3 F410 delivers on our mission to provide customers with an affordable, high-performance alternative to expensive, industrial 3D printers that cost \$20,000 to \$100,000," says Chris Padgett, Fusion3 CEO. "The F410 prints large, quality parts at fast speeds and incorporates new technologies for even greater performance, flexibility for different print scenarios, and ease of use."

### WHAT'S NEW WITH THE F410:

**Interchangeable print heads provide greater flexibility for a variety of customer applications:** Users select one of three interchangeable print heads (.4MM standard, .6MM & .8MM optional) appropriate for the specific task. Each printhead, based on the E3D Volcano and incorporating hardened steel nozzles, prints a wide variety of engineering-grade materials at different speeds and quality settings optimized for the customer's desired quality and production time.

**Improved performance & reliability:** Fusion3's new 2.0 Extruder and updated 32-bit controller contribute to the F410's exceptional print quality and near silent operation. The 2.0 Extruder's 'Filament Monitoring' feature allows customers to resume prints should they run out of filament or experience a print jam. The 'Filament Cleaning' feature captures any dust or contamination on the surface of the filament before it enters the print system, reducing the chance of print failures due to clogging. The F410 also features a new conductive, automatic bed leveling system that ensures the correct first layer height for every print.

**Easy to operate and manage:** Fusion3 updated the F410's touchscreen interface, providing intuitive controls for first-time users while maintaining advanced features that our professional customers require. The F410's onboard network interface allows customers to remotely manage their 3D printers through a secure, web-based interface.

**Focus on security:** Many of Fusion3's customers wish to safeguard their proprietary and sensitive 3D designs. The F410 provides increased file security, eliminating the ability of someone to walk away with files on an external SD card, by providing a second, secure, storage device embedded in the 3D printer. Users can only access the on-board storage through the F410's password-protected network interface.

## THE F410 CONTINUES FUSION3'S COMMITMENT TO:

**Exceptional Print Quality & Speed:** Validated through millions of operating hours with thousands of customers, the F410 utilizes Fusion3's 'F-Series' platform. This highly accurate, proprietary motion control system provides excellent print quality at high speeds.

**Large, Enclosed Print Area:** The F410 prints parts as large as 14"x14"x12.4" (1.38 cu ft). Its enclosed print area provides a stable 45°C environment, ensuring excellent print results when printing high-temperature, engineering grade materials such as ABS and Polycarbonate.

**Widest range of materials of any 3D printer manufacturer:** Our customers print plastics (and hybrid combinations) from all major categories including (but not limited to): PLA, ABS, ASA, Carbon Fiber Filled, Fiberglass Filled, Flexible, Nylons, PET/PETG, Polycarbonate, and Nylon. Fusion3's rigorous testing and certification process ensures that our customers can print the widest range of materials, purchased from a variety of quality suppliers. Each month, we provide customers updated configuration files to use with the bundled Sinplify3D Creator slicer software, ensuring certified materials print successfully 'out of the box.'

**Safety & Comfort:** The fully-enclosed F410 protects users from contact with hot surfaces. For customers working in locations without adequate ventilation, Fusion3 offers an optional external air filter system which attaches to the F410's exhaust and captures potentially harmful emissions. Perfect for the office or classroom, the F410 is even quieter than its predecessor.

**Best Warranty & Support In 3D Printing:** Fusion 3's 3D printers are used in demanding applications by leading business and education customers. Our customers put their 3D printers through intensive use (and abuse) and require them to run on a 24/7 basis. Fusion3 stands by its products and helps customers achieve maximum uptime with a 2-Year warranty (the longest standard warranty offered in 3D printing) and FREE lifetime phone & email support (staffed by our expert factory technicians, Monday through Friday, 8 am to 8 pm US Eastern Time).

To learn more about the Fusion3 F410 and to request a personalized quote (including freight shipping to any destination in the world), please visit: <https://www.fusion3design.com/f410-3d-printer/>

## ABOUT FUSION3

Fusion3 designs and manufactures affordable, high-performance 3D printers for business and education. Our customers are leaders in manufacturing (automotive, aerospace, medical devices), education (universities and high schools), technology research and various government organizations. Fusion3's professional 3D printers provide best-in-class speed, print quality, and durability at a fraction of the cost of commercial/industrial 3D printers on the market today. The company accomplishes these feats through patent-pending design features, manufactures its 3D printers at its United States factory to exacting standards, offers the best standard warranty in 3D printing, and provides commercial-grade service and support to keep our customers up and running. To learn more about Fusion3, visit <https://www.fusion3design.com>.

To see the new Fusion3 F410 3D printer in action, visit the company's booth at 2018 Rapid+TCT, April 24<sup>th</sup> through 26<sup>th</sup>, Booth 704 at the Ft. Worth Convention Center.

Photography, logos and product details are available for download at <https://goo.gl/qPEVon>