

Beckatt Solutions Named Authorized Reseller for MarkForged 3D Printers

The partnership will help make world-class 3D printing more accessible to Midwest companies, education institutions and consumers.

ELGIN, IL, USA, October 30, 2015 /EINPresswire.com/ -- [Beckatt Solutions](#), a leading Midwest US distributor of 3D printers, is pleased to announce the addition of the [MarkForged](#) Mark One Composite 3D Printer to their product range. As an authorized reseller for MarkForged, the company that makes the Mark One Composite 3D printer, Beckatt Solutions will now sell and support the line of composite filament fabrication (CFF™) printers to professionals, educators and consumers in the Midwest. Beckatt Solutions will provide pre- and post-sales support for MarkForged customers.

Designed to print parts with the strength of metal, the Mark One is the world's first 3D printer capable of printing continuous

carbon fiber, Kevlar®, and fiberglass. Using a patented process of Composite Filament Fabrication (CFF™) print head, alongside a FFF (Fused Filament Fabrication) print head, the Mark One can create functional parts with the strength of aluminum by combining a proprietary, engineering-grade nylon with continuous fiber filaments. The result is fiber-reinforced nylon parts with a strength-to-weight ratio better than aluminum, and parts that are more than five times stronger than the plastic regularly used in traditional desktop 3D printing. This enables engineers to print end-use parts, brackets tooling and fixtures that traditionally are made from metals. With the Mark One, one can also pause a print, and add components before continuing the print, allowing the ability to embed sensors, electronics, hard mounting points and more into the 3D printed part.

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The Mark One provides an unmatched ability to push product design and development for our business customers and education institutions around the country.

*Michael Storey, Co-Founder,
Beckatt Solutions*

MarkForged's innovative new material and printing process allows designers and engineers to 3D print real composite parts that are up to five times stronger and 20 times stiffer



Beckatt Solutions will sell and support the Mark One Composite 3D Printers in the Midwest.



MarkForged is the maker of the world's first continuous fiber composite 3D printer.



The Mark One Composite 3D Printer by MarkForged

than traditionally 3D printed parts made from plastic. The composite industry is particularly excited by the Mark One's ability to selectively place continuous fiber reinforcement inside nylon parts, allowing engineers to control material cost and avoid the trimming, mold-making and curing required in traditional composite part lay-up. "We're making the most mechanically robust desktop 3D printer. No other printer can match the printing repeatability and print head accuracy at this price" says Greg Mark, CEO and Founder of MarkForged. "On top of that, we've commercialized the best method for printing usable parts with fiber reinforcement to enable faster design cycles, more meaningful prototype testing and will change the way that products are developed for years to come."

Of the partnership, Matt Pray, Co-Founder and Managing Partner of Beckatt Solutions states: "We are thrilled to be adding the Mark One Composite 3D Printer to our existing product offerings of first-rate desktop and professional 3D printers. The ability to print in nylon with carbon fiber, Kevlar®, and fiberglass reinforcements provides the unique opportunity to not only create advanced prototypes, but also high quality end use parts. No other desktop 3D printer in the market offers the same combination of ultra light-weight, high-strength, functional parts and low upfront and operating costs".

The Mark One Composite 3D Printer starts at \$5,499. The Mark One can connect via Wi-Fi, Ethernet or USB memory stick and is compatible with Windows, Mac and Linux operating systems. It comes with MarkForged's Eiger Software which is Cloud Enabled to allow for easy access and collaboration, with faster processing times.

Located near Chicago, Beckatt Solutions is a leading Midwest US distributor of 3D printers, print materials, scanners and software. The company is committed to providing its clients with cutting-edge 3D printing technologies and services. Co-founders Matthew Pray and Michael Storey founded the company to increase the number of 3D printers, and expand 3D printing services and partners in the Midwest. In addition, the company is focusing on making 3D printing technology available to students in the classroom.

MarkForged was founded by an MIT aerospace engineer who spent many years designing and manufacturing high performance composites in the Autosport industry. The motivation behind creating the Mark One was to use 3D printing hardware to automate the composite layup process to offer a broader capability than standard FDM desktop 3D printers, whilst producing high-strength parts that would have an end use application. The American Composites Manufacturers Association awarded MarkForged with an Award for Composites Excellence in the Manufacturing category for the Mark One Composite 3D Printer at the 2014 Composites and Advanced Materials Expo.

Beckatt Solutions recently showcased 3D printing and provided demonstrations of the MarkForged Mark One Composite 3D Printer at the Illinois Technical Education Conference in Bloomington, IL, earlier this month.

About Beckatt Solutions

Beckatt Solutions, founded in 2013 and located in Elgin, IL, is a leading Midwest US provider of 3D printers, print materials, scanners and software. Beckatt Solutions provides consumers, educators and businesses with cutting-edge 3D printing technologies and services. Founders Matt Pray and Michael Storey started the company to increase the number of 3D printers, and expand 3D printing services and partners in the Midwest. Beckatt Solutions is the authorized Midwest dealer and servicer for Mcor Technologies line of paper-based 3D printers. Beckatt Solutions has also partnered with MakerBot to offer desktop 3D printers and scanners, and is a value-added reseller for SpaceClaim 3D modeling software.

About MarkForged

MarkForged was founded by an MIT aerospace engineer – the kind of person who loves pushing the envelope. After years of designing and manufacturing high-performance composite race car wings at Aeromotions, Greg Mark realized that he could use 3D printing hardware to automate the composite lay-up process. He assembled a team of the best and brightest, and MarkForged was born. Learn more at markforged.com

MarkForged is backed by Matrix Partners and North Bridge Venture Partners. [Watch the story behind the Mark One:](#) <http://youtu.be/Y5wjjDBdgeE>

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