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Graphtec America, Inc. of Irvine, California, announces its new FC8600 series professional cutting plotters for sign makers, graphic artists, and auto-aftermarket professionals. The newly designed FC8600 has added features including an Enhanced Automatic Registration Mark System (ARMS) 5.0, standard tri-port interface, productivity enhancements, and new software.

The new ARMS 5.0 includes an enhanced auto-detect algorithm for up to 30% faster mark detection, supports an expanded cut area outside the registration mark boundary, and supports registration mark sensing embedded within multiple copies. A tri-port interface is now standard including USB, serial and an Ethernet port to ensure connection compatibility for standalone or networked environments. Productivity features have been added as well, including a new faster perforation cutting method, and auto-paneling to improve the quality of long-length jobs.

New Cutting Master 3 plug-in software for Adobe® Illustrator® and CorelDraw® has been completely re-designed and is also included. The plug in allows cutting conditions on the cutter to be monitored and changed on the fly and also allows multiple cutters to be run from one design station. Graphtec Studio; an all new and easy-to-use design software, is also included for both Windows and Mac platforms. The software is designed to lessen the learning curve and allow customers to start producing jobs immediately.

FC8600 Features:

The FC8600 series features a maximum cutting speed of 58.5 in/sec, 4.0G maximum acceleration, up to 600g cutting force, allowing users to process diamond grade, high-intensity reflective film, sandblast resist rubber, automotive window & paint protection films, self-adhesive vinyl, and other media types. With the world's fastest throughput performance and superb accuracy, the new FC8600 series accommodates the most demanding cutting and plotting projects and provides users with the versatility needed for a wide variety of applications.

A backlit LCD control Panel, with dual configuration function, allows two different users to set and save independent functions at the cutter for customized jobs. Each of the eight conditions has eight settings that can be programmed with the specific type of tool/pen, cutting/plotting speed, acceleration, and force required for a specific application. This feature improves overall efficiency and productivity for the user, allowing them to retain their most commonly used media and job type settings for immediate use on a later project.

An optional Automotive Film Market Kit (AKZ) for the FC8600 is available as well as stand-integrated media racks that can hold up to three extra rolls for convenient loading of media with different types, sizes, and colors. A second penholder can also be added and benefits those users who frequently switch between test plotting and cutting operations by eliminating the need for manual replacement of tools/pens. The FC8600 is available in five widths: FC8600-60 (24"), FC8600-75 (30"), FC8600-100 (42"), FC8600-130 (54"), and FC8600-160 (64").

Graphtec America, Inc. is a wholly owned subsidiary of Graphtec Corporation in Yokohama, Japan. Graphtec produces vinyl cutters, color label printers, scanners intelligent recording instruments, and data acquisition systems. Recognized as a technological leader, Graphtec has engineering, manufacturing, distribution, and service operations in Japan and the United States of America. In addition, Graphtec products are sold and serviced via business partners and distributors worldwide. For more information on Graphtec America products, please call (800)854-8385 or visit the web site at www.graphtecamerica.com