

Blackman and White introduce new entry level plotter cutter

Blackman and White, the UK's only manufacturer of flatbed industrial automated cutting machines, have broadened their portfolio of entry level machines with the addition of the Graphtec FC8600 series of roller cutting plotters.

The Graphtec machine is a high performance cutter/plotter with a small footprint, making it



an ideal choice for the digital print house with limited floor space. Available in widths from 0.6 to 1.6 metres, and handling material lengths up to 15metres, the Graphtec machine has an optional dual head which can hold both a pen and a blade so cutting and plotting can be achieved without changing tools.

Despite its compact size it can operate at speeds up to 1.485 metres/sec with an accuracy greater than $\pm 0.1\text{mm}$ for both short and long production runs. The drag blade has a high cutting force so it can easily handle a wide range of materials including papers, cards, thick films and vinyls. As well as full depth cutting, the cutter can also carry out perforated cutting, half cut or incorporate fold lines by varying the pressure of the blade during the cutting process making it suitable for self-adhesive signage or label media as well as indoor and outdoor signage

The FC8600 series has USB, Serial and Ethernet interfaces, so it can be shared by multiple users over an established network. The inbuilt ARMS software has 4-axis alignment and auto registration detection which ensures maximum precision, optimum speed and ease of operation. It also increases production efficiency by allowing multiple copies of downloaded files to be created without a PC. Automatic mark compensation, expanded effective cutting area and an auto cross-cut facility means the machine can deliver repeatable high precision alignment for long length print and cut operations.

Blackman and White's managing director, Alex White said, "Our top range of flatbed cutters are tailored to the large format or high volume print house, so the addition of the Graphtec range means we can help the smaller digital sign and screen graphic print house with limited

space and budget to automate production, which will improve productivity, increase efficiency and enhance profitability.”

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Editor's Notes

High resolution image available on request

More about Blackman & White

Blackman and White (blackmanandwhite.com) is a world class leader in the field of industrial flatbed cutting machines. Blackman and White cutting machines are used across a wide range of industries including marine, automotive, aeronautical, printing, construction and upholstery sectors. Their cutters and plotters range from the Orion, designed for light to medium duty, to the Mastercut heavy duty platform. Blackman & White's innovative Mastercut Versa-Tech series provides laser, knife and routing capabilities cuts thin metal including aluminium, rigid board, Foamex, acrylic and wood up to one inch thick with accuracy greater than 0.1mm. Available with blade, laser cutters or routers, BW Cutters are exported to Europe, the Middle and Far East and throughout the USA.

With over 45 years' successful business in the design and manufacture of cutting machines under its belt, Blackman and White is uniquely placed to offer world-wide service and expertise.

For further information visit www.blackmanandwhite.com

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