

# Mutoh Introduces ZEPHYR



Mutoh Europe (Belgium) has previewed its new wide-format UV inkjet printer, called ZEPHYR. The printer has been completely engineered and developed by Mutoh's Belgian R&D centre. Mutoh Europe's Zephyr is a CMYK 64" (165 cm) professional UV inkjet printer for roll-to-roll printing (vinyl, flex, mesh, PVC, soft sign, etc.). The printer also handles rigid boards up to a thickness of 20 mm.

For roll printing, the machine incorporates a motorised unwinder/winder system with dancer bars for media rolls up to 100 kg. For rigid printing, media transport tables can be placed at the back and in front of the machine. Switching between rigid and roll printing is done in a trice.

The new Mutoh Zephyr printer incorporates 4 Xaar 760 high end variable drop greyscale heads, offering high image quality combined with high productivity. The heads produce droplets as small as 8 picoliter. Small drops (8 pl) are used to deliver pin sharp text and line art, whilst larger drops (16, 24, 32 & 40 pl) ensure excellent image saturation. Enabling 6 levels of greyscale, which is equivalent to 6 densities of CMYK, the print heads eliminate the need for extra process colours.

The Zephyr's integrated bulk ink system offers a capacity of 3 litres of ink per colour and enables refilling whilst printing. The UV curing lamps are pre-mounted into a cassette which can be effortlessly replaced by the printer operator.

The Zephyr UV printer produces top quality prints for close viewing distances between 10 and 20m<sup>2</sup>/h. Prints for medium viewing distances can be produced at speeds between 20 and 30 m<sup>2</sup>/h.

The Zephyr UV printer will be produced from September onwards at Mutoh Europe's manufacturing site in Oostende, Belgium.

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