

Press Release

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For Immediate Release

MUTOH EUROPE TO PRESENT NEW 2.6 METER WIDE DYE SUBLIMATION PRINTER AT FESPA DIGITAL EUROPE

New Viper 100 for production printing on the thinnest available transfer papers

Oostende, Belgium. At the oncoming Fespa Digital 2008 show to be held at Geneva, April 1-3, wide-format piezo inkjet printer manufacturer Mutoh Europe will present its new high-performance 2.6 meter wide digital transfer printer, called **Viper 100**. The new Viper 100 is an addition to Mutoh's existing Viper 65 (165 cm) and Viper 90 (220 cm) dye sub printers.

The new robustly built Mutoh Viper 100 printer is ideal for production of a wide range of sublimated graphics such as banners, flags, soft signage, interior decoration, curtains, bed linen, sportswear, The new printer supports all typical dye sublimation transfer paper weights ranging from 70 g/m² to 150 g/m², but will also print directly onto non-stretch polyester fabrics with closed structure. Thanks to its media width up to 2604 mm (102.52"), floor-to-ceiling sublimated graphics can be produced.

Featuring 8 high end 360 nozzle piezo print heads and 16 ink channels, offering print resolutions up to 720 x 720 dpi, the new Viper 100 printer will deliver impeccable production output quality for close viewing distances up to 42 m²/h and top speeds up to 81 m²/h. Using Dynamic Variable Dot Imaging Technology, each ink droplet is individually adjusted to provide high speed and high quality with low ink consumption.

The Viper 100 incorporates Mutoh's award winning **Intelligent Interweaving (i²) print technology** enabling a drastic reduction or even total elimination of typical difficulties inherent to conventional digital inkjet printing, such as horizontal banding, step mismatch banding and the visible effects of missing or misfiring nozzles. One of the biggest benefits of this proprietary Mutoh technology is that it offers predictable output quality. Printer users will be able to print ideal quality images fit for purpose every time, in the shortest time.

Viper 100 utilises Mutoh's high-speed disperse dye inks offering excellent nozzle stability for high-speed and high-volume printing. The inks produce rich and vibrant colours and offer excellent colourfastness. Being water-based inks, they are a preferred choice for environmentally conscious customers. The inks are available in 1 and 5 liter bottles. Viper 100 connects to Mutoh's 8 bottle optional bulk ink system, offering 4.3 litre ink autonomy per colour.

Viper 100 incorporates several high-end features specifically addressing the typical needs of high volume dye sublimation printing, such as a patented extendable tensioning tool compensating for media expansion during printing, special power grip flanges maximizing the grip on the inside of media cores and a 100 kg unwinding/winding unit with sensorised tension bars, offering perfect media tracking and straight winding of finished prints.

The new Mutoh Viper 100 printer has been developed and engineered at Mutoh Europe's Belgian R&D center. The product is being manufactured at Mutoh Europe's production site in Belgium.

Mutoh's Viper 100 will be marketed all over Europe, the Middle-East and Africa through a network of dedicated authorized resellers.

About Mutoh Europe NV.

Mutoh Europe nv, Belgium, is a business unit of Mutoh Holdings Co. Ltd., Japan. Founded in 1991, Mutoh Europe's activities encompass development, manufacturing and distribution of CAD/CAS hardware (professional sign cutting plotters and large-format full-colour piezo printers for CAD, commercial inkjet printing and sign making applications). Employing 280 people, the company markets Mutoh products all over Europe, the Middle-East and Africa through its extensive network of authorised resellers.

For further details on Mutoh Europe and its products : www.mutoh.be or www.mutoh.eu

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