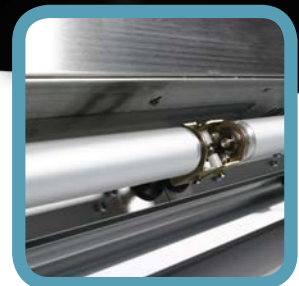
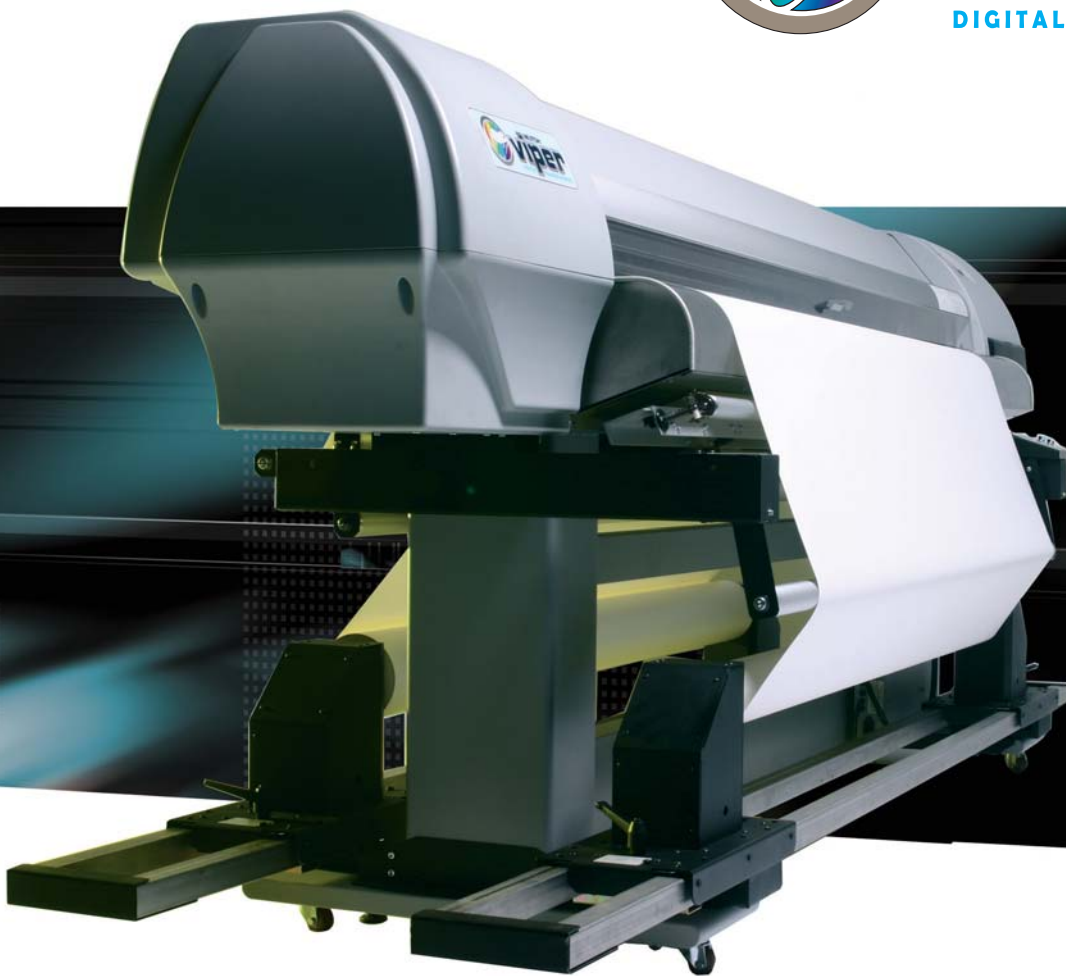







MUTOH

Creation, we make it happen ...



-  **Two models : 65" (165 cm) & 90" (228 cm)**
-  **Print on the thinnest available transfer papers**
-  **I² Intelligent Interweaving technology inside**
-  **High performance water-based disperse dye inks deliver deep & vivid colours**
-  **Perfect media handling & tracking**





Maximum Media / Print Width

Viper 65: max. media width : 1651 mm (65.00") / max. print width : 1641 mm (64.61")
 Viper 90: max. media width : 2280 mm (89.76") / max. print width : 2240 mm (88.18")

Application Possibilities

Transfer onto all possible polyester materials: Banners, flags, pennants, prototypes, sports goods (snowboards, helmets, ...), gadgets (mugs, mouse pads, clocks,...), apparel (blouses, rain jackets, t-shirts, sportswear, ...), personalized interior (curtains, sheets, ...), polyester coated ceramics and tile murals, tradeshow and exhibition graphics (carpets, customized banners, booth decoration, ...), floor graphics, POP-displays, posters, ...

Inkjet Technology / Ink Set-Up

8 Drop-on-demand Micro Piezo Inkjet Heads (360 nozzles per head) – 8 ink channels – 8 cassette slots
 Dynamic Variable Dot Imaging Technology (drop mass output between 5.4 ng and 41.5 ng)
 Ink set-up possibilities : 2 x 4 channels (same ink type), 4 + 4 channels (mixed ink type), 6 channels, 8 channels.

Print Resolution / Speed Levels

360 dpi, 720 dpi, 1440 dpi
 Maximum print speeds up to 42 m²/h
 Production speed between 8 and 22 m²/h

Ink & Media

High Speed Water-Based Disperse Dye Inks
 Optional Continuous Ink Supply System (BIS)
 Print on the thinnest available transfer papers
 Typical paper weights : from 70 g/m² to 150 g/m²
 Roll lengths : 50 m to 150 m (max. 100 kg)



BIS for Viper

Perfect Media Handling

A unique heavy-duty motorised unwinding / winding system is a standard part of the machine. This system optimally prepares your media for after-treatment on a calendar unit, offering perfect media tracking and resulting in straight winding on the take-up roll. Front and rear sensorised tension bar systems make sure that the media is moved under a constant tension. The system accepts media rolls up to 100 kg (2" / 3" core) with a maximum diameter of 300 mm and allows print speeds up to 42 m²/h. Front & back roll media handling is easy, fast and convenient thanks to 2 sets of repositionable flanges.

Special Features

- PRE-HEATER :** The incorporated pre-heater allows warming up your media (up to 50° C).
- DRYER :** Incorporated dryer in the front platen of the printer (up to 50°C) offers the possibility to print at higher speeds by shortening the media drying time.
- ADJUSTABLE HEAD HEIGHT :** A variable head height from 1.2 mm up to 4.0 mm allows the user to print on sensitive media without risking a head-strike. (media cockling neutralization)
- EXTRA TENSION TOOL (ETT):** Patented retractable tensioning system to compensate for media expansion during printing. (Pat. pending)

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