



MUTOH's Digital Transfer Printer Series



Prints on transfer paper with Mutoh Dye Sublimation inks

Up to 88.58" print width

Tuned media handling & tracking for thin paper

Up to 414 square feet per hour print speed





Viper DTS Printer

Models :

2 models: 65" and 90"
Maximum media width: 65" / 90"
Maximum print width: 64.68" / 88.58"

Technology

Drop-on-demand Micro Piezo Inkjet Technology
Dynamic Variable Dot Imaging Technology
(drop mass output between 5.4 ng and 41.5 ng)

Ink Details

Water-Based Disperse Dye Inks - 220 ml cassettes
Colors: Black; Magenta / Red; Cyan / Blue; Yellow;
Light Cyan / Light Blue; Light Magenta / Light Red

Perfect Media Handling

Heavy duty feed and take-up system is standard.
This system optimally prepares your media for after-treatment on a calendar unit, offering tuned media tracking and resulting in straight winding on the take-up roll.
Via front and rear sensorized tension bar systems, all 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 414 sf/h.
Front & back roll media handling is easy, fast and convenient thanks to 2 sets of repositionable flanges.

Special Features

PRE-HEATER : Pre-heating of your media is possible via the incorporated pre-heater (up to 122 F).
DRYER : Incorporated dryer in the front platen of the printer (up to 122 F) 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 (minimal media cockling).
EXTRA TENSION TOOL (ETT): Retractable tensioning system to compensate for media expansion during printing. Patent pending.

Applications

Banners, flags, pennants, prototypes, samples, sports goods, promotional products (e.g. mugs, mousepads, clocks), ceramics, tile murals, apparel (t-shirts and sportswear), tradeshow and exhibition graphics (e.g. carpets, customized banners, booth decoration), floor graphics, POP-displays, posters...

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Print Resolutions / Speed Levels

360 dpi, 720 dpi, 1440 dpi
Maximum print speed up to 414 sf/h
Production speed between 75 and 301 sf/h

Heads / Colour Set-up

8 heads (360 nozzles per head).
2 x 4 channels (same ink type), 4 + 4 channels
(mixed ink type), 6 channels, 8 channels

Media Compatibility

Supports all typical dye sublimation transfer paper weights.
Typical paper weights : from 70 g/m² to 150 g/m²
Roll lengths : 50 m to 150 m (max. 220 lbs)

