MUTOH

ValueJet

ValueJet 1628TD & 2628TD

Direct to Fabric & Dye Sublimation Printers

Two models : ValueJet 1628TD – 64″ (1625 mm) & ValueJet 2628TD – 104″ (2642 mm)

Dual use – print directly on open or closed structure fabric and print on dye sublimation paper

Dual head design with latest drop-on-demand piezo inkjet technology

Typical production speeds up to 24 m²/h

Mutoh high speed water-based disperse dye & direct disperse inks

Environmentally friendly printing – high level of operator safety

1440dpi Variable Dot

ValueJet 1628TD / 2628TD – Key Features

Maximum Media / Print Width

ValueJet 1628TD : max. media width : 1625 mm (63.97") / max. print width : 1605 mm (63.18")
ValueJet 2628TD : max. media width : 2642 mm (104.01") / max. print width : 2622 mm (103.22")

Application Possibilities

- Direct printing on non-stretch polyester fabrics with open or closed structure, e.g. display fabric, curtains, etc..
- Transfer on all possible flexible and rigid polyester materials, e.g. soft signage applications (banners, flags, trade show graphics, POP-displays, posters, pennants); sports goods (snowboards, helmets, ...); gadgets (umbrellas, mugs, mouse pads, clocks,…); apparel (blouses, rain jackets, t-shirts, sportswear, fabric prototypes, …)

Inkjet Technology / Ink Set-Up

- Latest drop-on-demand 1440 nozzle piezo inkjet heads (2 heads - 4 colour sections per head, 360 nozzles per colour)
- Intelligent Interweaving (i^2) incorporated : i^2 provides impeccable printing quality. Quick and simple to set up, printing with i^2 saves time and trouble while producing outstanding results.
- Ink set-up options : 4 + 4 channels (mixed ink type – typical set-up), 2 x 4 channels (same ink type), ready to support 8 channels

Overview Typical Production Speeds

Print Resolution	Print Speed	Applications
540 x 720 dpi	8 m²/h	Direct Display, Direct Flag and Paper Transfer
720 x 720 dpi	11.5 m²/h	Direct Display, Direct Flag and Paper Transfer
360 x 720 dpi	24 m²/h	Direct Display, Direct Flag and Paper Transfer

(*) Conditions:
- Use of Mutoh's original water-based direct disperse or high speed water-based disperse dye inks.
- ValueJet TD printer used in combination with a winder system, for example T-Winder 30.
- Recommended transfer paper weight 130 g/m² or heavier.
- For applications & designs with heavy ink loads, external dryers may be required.
- Print speeds mentioned above are measured using 1625 mm media width and using the ValueJet TD's "Fine & Fuzz 1" effect.
- Recommended print environment : temperature 22 –30 °C, variation max. 2°C/h and relative humidity 40-60 %, variation max. 5%/hour - no condensation

Maximum engine speed 360x360 dpi – Weaving Off: 41 m²/h

Ink & Media

Two ink types: Mutoh high speed water-based disperse dye inks & Mutoh direct disperse inks - 1 liter bottles - C, M, Y, K
Suited for polyester fabrics and dye sublimation paper.
Typical paper weight: 130 g/m² or heavier - 2" or 3" media core - max. 30 kg (VJ-1628TD) / 100 kg (VJ-2628TD) – Max. Diametre: Ø200 mm

Special Features

ADJUSTABLE HEAD HEIGHT: manually adjustable head height (1.5 mm – 2.5 mm - 4.0 mm) : allows you to print on sensitive media, reducing the risk for a head-strike.
TENSION SYSTEM: Tensioning system to optimize media feeding during printing.
INK GUTTER : The ink gutter positioned under the printing path collects all the ink that is not absorbed by the textile.

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