MUTOH | ValueJet VJ-404GT

Made in Japan

Compact Size

Wide Print Area

Oeko-Tex® Compliant Inks

> Direct Textile

High Quality 4 Colour Direct-to-Garment Printer

Discover Mutoh's all new ValueJet 404GT direct-to-garment inkjet printer. Engineered & manufactured in Japan, the VJ-404GT offers CMYK printing possibilities for the digital production of white or light coloured garments. Mutoh's Oeko-Tex® compliant water-based pigmented textile inks will allow you to produce vibrant colours with excellent ink density on a variety of garments. Offering a printable area of 420 mm x 576 mm, the VJ-404GT printer is equipped with four piezo drop-on-demand print heads, producing print resolutions up to 1200 x 1200 dpi.

Compact & robustly built, the 404GT can be equipped with different sizes of easily interchangeable print platens (S, M, L). A 7 inch LCD touch screen display allows you to easily & swiftly operate the printer. The standard printer installer & driver software for Windows, as well as a Mutoh proprietary "layout & print" software tool facilitates quick & easy operation. T-shirt printing fun starts with Mutoh's ValueJet 404GT!

Product Highlights

- Compact printer, engineered & manufactured in Japan
- CMYK Oeko-Tex® compliant water-based pigmented textile inks
- Automatic Garment Collision Detection
- Wide print area : 420 mm x 576 mm !
- Extreme print quality up to 1200x1200 dpi
- Vibrant colours & excellent ink density
- Easy & clickable print tables – up to L size
- User-friendly design with 7 inch LCD touch screen display

Application Possibilities

The VJ-404GT is specifically targeted at fashion designers, promotional garment printers, online web shop businesses as well as screen printers and is suited for sampling, customised one-off prints as well as short-run production of t-shirts, canvas bags, shoes, caps, etc..

High Quality 4 Colour Direct-to-Garment Printer │ SPECIFICATIONS

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Heads	4
Nozzle Configuration	384 nozzles (192 x 2 lines) per head
Resolutions	600 x 600 dpi , 600 x 1200 dpi, 1200 x 1200 dpi
Head-Garment Collision Detection	Optical sensor

Media Specifications

Max. Size Print Table	428 x 600 mm	
Max. Print Area	420 x 576 mm	
Table Height Adjustment	15 mm	
Print Jig Accommodation	Height: max. 155 mm / Weight: max 7 kg	
Print Tables - Sizes	Table L	405 x 585 mm (Printable: 380 x 560 mm)
	Table M	335 x 485 mm (Printable: 310 x 460 mm)
	Table S	255 x 355 mm (Printable: 230 x 330 mm)

Productivity VJ-404GT

Resolution	VJ-404 GT CMYK Output
1200 x 1200 dpi	36 t-shirts per hour
600 x 1200 dpi	60 t-shirts per hour
600 x 600 dpi	120 t-shirts per hour

The indicated number of printed T-shirts per hour is based on the output of an A4-size (297 mm x 210 mm) image. The calculated production time excludes data processing and garment mounting/unmounting times.

Inks and Pre-Treatment Specifications

Ink Type	Water-based pigmented direct textile inks Oeko-Tex® compliant
Ink Volume	200 ml cassettes
Ink Colours	CMYK
Printable Substrates	Light garments, 100% cotton, 100% PES, cotton/polyester mixed fibre fabrics with minimum 50% cotton
Pre-Treatment Liquids	Pre-treatment liquid for cotton for improved sharpness and fastness results
	Pre-treatment liquid for printing onto 100% white or light coloured PES
Garment Handling	Thickness	Up to 155 mm (including mounting jig)
	Weight	Up to 2 kg (including platen)

Operation Info

Display	7 inch (156.7 x 89.1 mm) LCD touch screen
Connectivity	LAN (10/100BASE-T)
Required Operating System	Windows Vista, 7, 8 and up
Software	Mutoh Proprietary Layout and Print Tool
Supported File Types	BMP, JPEG, TIFF, PNG

Power Consumption

During Printing	≤ 130 W
In Stand-by	≤ 29 W
In Sleep Mode	≤ 17 W
Power Supply	AC 200-240 - 50 Hz
Noise	Printing 58.2dB / Standby 33.1dB

Recommended Working Environment

Temperature	22 °C - 30 °C with Δt: max. 2 °C/h
Humidity	40 % - 60 % (no condensation) with ΔRH: max. 5% RH/h

Machine Measurements

Width x Depth x Height	817 x 1425 x 488 mm
Weight	82 kg

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