

**ValueJet**

ValueJet VJ-1638WX



## High Speed Dye Sublimation Printer

The ValueJet 1638WX (1625 mm - 64") high speed, high volume sublimation inkjet printer effortlessly delivers sellable production speeds from 42 to 65 m<sup>2</sup>/h. Ideally suited for users requiring speed who also put high quality at the top of their wish list!

The fastest printer in its price range, the VJ-1638WX will print onto the thinnest sublimation papers and incorporates a staggered dual head setup with latest generation 1440 nozzle piezo heads, offering output resolutions ranging from 360 x 360 dpi up to 1440 x 1440 dpi.

### Product Highlights

- Transfer sublimation printing up to 1625 mm (63.97")
- Staggered dual head setup with latest generation 1440 nozzle piezo heads
- Production speeds between 42 & 65 m<sup>2</sup>/h
- Mutoh water-based dye sublimation inks
- Ideal for production of soft signage, sportswear, gadgets, ...
- Environmentally friendly printing - high level of operator safety

### Application Possibilities

Explore new revenue opportunities such as high quality in-store textile decoration and displays, textile banners, pop-ups, sportswear, personalised home decoration, gadgets, shirts and many more.



**MUTOH**

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## 64" Dye Sublimation Printer

### Technical Key Specifications

|                      |  |
|----------------------|--|
| Print Technology     | Drop-on-demand Micro Piezo Inkjet Technology       |
| Print Head           | 2 (staggered setup)                                |
| Nozzle Configuration | 180 nozzles x 8 lines / head                       |
| Drop Mass Range (pl) | 5.9 to 45.3  |
| Head Heights (mm)    | Low : 1.5 / Middle: 2.5 / High : 4.0               |
| Colour Set-up        | 2x4 CMYK (speed set-up) or 8 colour (gamut set-up) |

### Media Specifications

|   |                                   |
|---|-----------------------------------|
| Media Width   | 900 mm (36.8") - 1625 mm (63,97") |
| Max. Print Width                                      | 1615 mm (63,58")                  |
| Max. Media Thickness                                  | 0.3 / 1.3 / 2.8 mm *              |
| * : Max. media thickness is specified per head height |                                   |
| Media Measurements *                                  | Ø 150 mm / 2" & 3" / 30 kg        |

\* : Standard non-motorised roll-off system

### Performance

| Speed                | Details              | Description               |
|----------------------|----------------------|---------------------------|
| 11 m <sup>2</sup> /h | 1080 x 1080 dpi / 9P | High Quality – Super Fine |
| 25 m <sup>2</sup> /h | 720 x 720 dpi / 4P   | Quality                   |
| 42 m <sup>2</sup> /h | 360 x 720 dpi / 2P   | Production                |
| 50 m <sup>2</sup> /h | 360 x 360 dpi / 2P   | Speed Production          |
| 65 m <sup>2</sup> /h | 360 x 360 dpi / 1P   | High Speed Production     |

All indicated speeds are obtained in 2x4 colour set-up and using full print width.

### Ink Specifications

|  |                         |         |         |         |
|--|-------------------------|---------|---------|---------|
| Ink Type                               | Dye Sublimation         |         |         |         |
| Ink Volume                             | 1000 ml                 |         |         |         |
| Ink Colours                            | CMYK                    |         |         |         |
| Ink Consumption Average                | 8.5 ml / m <sup>2</sup> |         |         |         |
| UV durability                          | 3 to 6 months outdoor   |         |         |         |
| Light fastness - ISO 105-B02(*)        | C (5-6)                 | M (6-7) | Y (6-7) | K (6)   |
| Washing fastness - ISO 105-C02(*)      | C (4-5)                 | M (4-5) | Y (4-5) | K (4-5) |
| Perspiration fastness - ISO 105-E02(*) | C (4-5)                 | M (5)   | Y (4-5) | K (4-5) |

(\*) Score Ranges (min-max): Light 1-8 Washing 1-5 Perspiration 1-5

### SPECIFICATIONS

#### Power Consumption

|                         |                                      |
|-------------------------|--------------------------------------|
| During Printing         | 200 W                                |
| Standby/Sleep/Power Off | 38 W / 30 W / < 3.8 W                |
| Power Supply            | AC 100-120 V / AC 200-240 60/50 Hz   |
| Noise (dB)              | ± 69.8 (printing) / ± 60.5 (standby) |

#### 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 | 2698 x 885 x 1261 mm |
| Weight                 | 219 kg               |

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