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# ValueJet VJ-1604X



Made in  
Japan



64"  
wide

Eco Ultra/  
UMS

## High Quality Budget Sign & Display Printer

High print quality, productivity, simple & intuitive operation and a surprisingly budget friendly price are the key elements in the new single head ValueJet 1604X - 64" (162 cm) wide - printer model.

Integrating the renowned made in Japan ValueJet print technology and compatible with Mutoh Eco Ultra and Universal Mild Solvent (UMS) inks, the VJ-1604X will produce high quality outdoor durable and indoor sign & display graphics at **sellable high quality production speeds up to 11.5 m<sup>2</sup>/h.**

The ValueJet 1604X will appeal equally to starting sign makers and existing print providers looking for a wider printer or needing extra versatility for frequent material switches or for volume production of full colour stickers.

### Product Highlights

- Compact & easy to use printer, made in Japan
- Two ink types - Eco Ultra or Universal Mild Solvent
- Suited for the production of certified prints – Indoor Air Comfort
- Sellable high quality production speeds up to 11.5 m<sup>2</sup>/h
- Mutoh Intelligent Interweaving technology included
- Rapid return on investment / Value for money!

### Application Possibilities

The VJ-1604X is suited for the production of long term outdoor and indoor prints on a wide range of uncoated and coated substrates : posters, backlit signage, wall coverings, point-of-sale displays, fine art reproduction, vehicle graphics, stickers and much more.



Sign & Display



## 64" Sign & Display Printer

## SPECIFICATIONS

### Technical Key Specifications

|                      |                                              |
|----------------------|----------------------------------------------|
| Print Technology     | Drop-on-demand Micro Piezo Inkjet Technology |
| Print Head           | 1                                            |
| Nozzle Configuration | 180 nozzles x 8 lines                        |
| Drop Mass Range (pl) | 3.5 - 7 - 12.5 - 14 - 21 pl                  |
| Head Heights (mm)    | Low : 1.5 / High : 2.5                       |

### Power Consumption

|                 |                                         |
|-----------------|-----------------------------------------|
| During Printing | < 600 W                                 |
| In Stand-by     | 75 W                                    |
| Warming Up      | ≤ 1100 W (main) & ≤ 1200 W (heat)       |
| Power Supply    | AC 100-120 V /<br>AC 200-240 - 60/50 Hz |

### Media Specifications

|                                                       |                                                                                 |
|-------------------------------------------------------|---------------------------------------------------------------------------------|
| Max. Media Width                                      | 1625 mm (63,97")                                                                |
| Max. Print Width                                      | 1615 mm (63,58")                                                                |
| Max. Media Thickness                                  | 0.3 / 1.3 mm *                                                                  |
| * : Max. media thickness is specified per head height |                                                                                 |
| Media Measurements *                                  | Ø 150 mm / 2" & 3" / 30 kg                                                      |
| * : Standard non-motorised roll-off system            |                                                                                 |
| Media Drying System                                   | Individually & intelligently* controlled pre-heater, fixer & dryer (30 - 50 °C) |

\* : Slowest heater starts first taking into account all target temperatures

### Recommended Working Environment

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

### Machine Measurements

|                        |                      |
|------------------------|----------------------|
| Width x Depth x Height | 2698 x 885 x 1261 mm |
| Weight                 | 158 kg               |

### Ink Specifications

|                                                                                                                                                                                             |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Ink Types                                                                                                                                                                                   | Eco Ultra / UMS*             |
| * : Prints made with Mutoh UMS inks on Grahtyp GEF non pvc film have obtained an indoor air comfort certificate issued by Eurofins. The first European certificate for interior deco prints |                              |
| Ink Volume                                                                                                                                                                                  | 220 ml & 1000 ml* / 1000 ml* |
| * : 1000 ml ink pouch requires optional adapter                                                                                                                                             |                              |
| Ink Colours                                                                                                                                                                                 | CMYK                         |
| Ink Consumption *                                                                                                                                                                           | 8 ml / m <sup>2</sup>        |
| * : Average ink consumption graphics at @ 720 dpi - coverage of 67 %                                                                                                                        |                              |
| UV durability - without lamination                                                                                                                                                          | 3 years outdoor *            |
| * : For heavy duty applications where mechanical stress is involved, lamination is required. Stabilisation is required prior to lamination.                                                 |                              |

### Performance

| Description        | Details         | Head Speed | Speed                  |
|--------------------|-----------------|------------|------------------------|
| Vinyl High Quality | 1440 x 1440 16p | Slow       | 2.8 m <sup>2</sup> /h  |
| Vinyl Production   | 720 x 720 8p    | Fast       | 7.0 m <sup>2</sup> /h  |
| Banner Production  | 720 x 720 4p    | Slow       | 11.5 m <sup>2</sup> /h |
| Banner High Speed* | 360 x 1080 3p   | Slow       | 15.0 m <sup>2</sup> /h |

\* : Applicability to be judged on individual basis.



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