



## Unrivalled Print Quality & Ease of Use

Discover the all new ValueJet 1624X sign & display printer (1625 mm – 64”), successor of Mutoh’s best-selling ValueJet 1624. The new single head VJ-1624X delivers **unrivalled print quality** thanks to its high-precision mechanical design, latest piezo inkjet head technology and an **unprecedented level of ease of use!**

**Robustly built**, ValueJet 1624X delivers **sellable production speeds up to 20.5 m<sup>2</sup>/h** and will meet the needs of established sign makers who need extra versatility and of larger operations wishing to extend their capacity and flexibility. VJ-1624X will produce **best-in-class speed and the highest levels of quality** to satisfy your customers with output which will simply stand out and make heads turn.

### Product Highlights

- Compact printer, featuring proven technology, made in Japan
- Extreme quality & sharpness at all production speeds and for all media thicknesses
- Mutoh Intelligent Interweaving (i<sup>2</sup>) & DropMaster technology inside
- Two ink types - Eco Ultra and Universal Mild Solvent
- Suited for the production of certified prints – Indoor Air Comfort
- Sellable production speeds up to 20.5 m<sup>2</sup>/h

### Application Possibilities

The VJ-1624X 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 to 35.2                                  |
| Head Heights (mm)    | Low : 1.5 / High : 2.5                       |

### 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

### Ink Specifications

|  |   |
|--|---|
| Ink Types  | Eco Ultra * / JustInk - Eco Solvent Ink |
| Ink Volume   | 220 ml cartridge * / 1000 ml Bottle     |
| : 1000 ml bottle requires bulk ink refill cartridges                 |   |
| 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.

### Power Consumption

|                 |   |
|-----------------|---|
| During Printing | < 600 W                                 |
| In Stand-by     | 45 W                                    |
| Warming Up      | ≤ 1100 W (main) & ≤ 1200 W (heat)       |
| Power Supply    | AC 100-120 V /<br>AC 200-240 - 60/50 Hz |

### 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                 | 160 kg               |

### Performance

| Description        | Details       | Head Speed | i2 Print Effect | Speed                  |
|--------------------|---------------|------------|-----------------|------------------------|
| High Quality       | 720 x 1440 8p | Slow       | HQ              | 5.0 m <sup>2</sup> /h  |
| Quality            | 720 x 1080 6p | Slow       | HQ              | 7.5 m <sup>2</sup> /h  |
| Quality Production | 720 x 1080 6p | Fast       | HQ              | 10 m <sup>2</sup> /h   |
| Production         | 720 x 720 4p  | Fast       | HQ              | 14.5 m <sup>2</sup> /h |
| Speed Production   | 720 x 720 4p  | Fast       | SPEED           | 20.5 m <sup>2</sup> /h |
| Billboard          | 360 x 720 2p  | Slow       | OFF             | 29.1 m <sup>2</sup> /h |

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