



Sign & Display



High Quality & High Speed Production Printer

Discover the ValueJet 2638X sign & display printer (2600 mm – 102”). The dual head VJ-2638X delivers unrivalled print quality thanks to its high-precision mechanical design, latest piezo inkjet head technology and an unprecedented level of print automation!

Flexible, reliable and able to deliver excellent print quality for volume production, the printer addresses the needs of businesses focusing on both high speed production and top quality print work. The VJ-2638X is ideal for established sign makers who need extra versatility and for larger operations that want to extend their capacity and flexibility.

A ValueJet 2638X will deliver best-in-class speed and superior print quality at sellable production speeds up to 39 m²/h.

Product Highlights

- Robust printer, featuring proven technology, made in Japan
- Staggered dual head setup with latest generation 1440 nozzle piezo heads
- Extreme print quality & sharpness at all production speeds
- Mutoh Intelligent Interweaving (i²) & DropMaster technology inside
- Super high resolution prints at 22 m²/h (720 x 1080 dpi)
- Production speeds including 33 and 39 m²/h @ 720 x 720 dpi
- Durable prints on coated & uncoated substrates – exterior durability up to 3 years

Application Possibilities

The VJ-2638X is suited for the production of a wide variety of outdoor and indoor prints : long-term outdoor posters, billboards, building announcements, signs and banners, backlit signage, POS displays, vehicle graphics, fine art reproduction, posters, etc.





Made in Japan



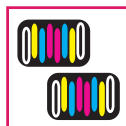
Piezo Variable Drop



Intelligent Interweaving



DropMaster



Dual Head



102" Sign & Display Printer

Technical Key Specifications

| | |
|----------------------|--|
| Print Technology | Drop-on-demand Micro Piezo Inkjet Technology |
| Print Heads | 2 (staggered setup) |
| Nozzle Configuration | 180 nozzles x 8 lines |
| Drop Mass Range (pl) | 3.6 to 35.2 |
| Head Heights | Low: 1.5 mm / Middle: 2.5 mm / High: 4.0 mm |

Media Specifications

| | |
|--|--|
| Max. Media Width | 2600 mm (102,36") |
| Max. Print Width | 2590 mm (101,97") |
| Max. Media Thickness | 0.3 / 1.3 / 2.8 mm * |
| *: Max. media thickness is specified per head height | |
| Media Measurements * | Ø 250 mm / 2" & 3" / 100 kg |
| *: Standard motorised unwinding / winding system | |
| Media Drying System | Individually controlled pre-heater, fixer & dryer (30 - 50 °C) |

Power Consumption

| | |
|-----------------|--------------------------------------|
| During Printing | < 1000 W |
| In Stand-by | 160 W |
| Warming Up | ≤ 2200 W (main) & ≤ 1850 W (heat) |
| Power Supply | AC 100-120 V / 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) with ΔRH: max. 5% RH/h |

Machine Measurements

| | |
|------------------------|----------------------|
| Width x Depth x Height | 3708 x 885 x 1261 mm |
| Weight | 283 kg |

Performance

| Description | Details | Head Speed | i ² Print Effect | Speed |
|--------------------|---------------|------------|-----------------------------|----------------------|
| High Quality | 720 x 1440 8p | Slow | HQ | 12 m ² /h |
| Quality | 720 x 1080 6p | Slow | HQ | 16 m ² /h |
| Quality Production | 720 x 1080 6p | Fast | HQ | 22 m ² /h |
| Production | 720 x 720 4p | Fast | HQ | 33 m ² /h |
| Speed Production | 720 x 720 4p | Fast | SPEED | 39 m ² /h |
| Billboard | 360 x 720 2p | Slow | OFF | 48 m ² /h |

Ink Specifications

| | |
|--|---|
| Ink Types | Eco Ultra / UMS |
| Ink Volume | 220 ml, 440 ml & 1000 ml * / 440 ml & 1000 ml * |
| *: 1000 ml pack requires optional adapter | |
| Ink Colours | CMYK |
| Ink Consumption * | 8 ml / m ² |
| *: Average ink consumption @ 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. | |

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