**Pushing the Boundaries of Speed, Quality & Ease of Use**

The Mutoh ValueJet 1638X dual head printer (1625 mm – 64”) incorporates the very latest piezo drop-on-demand head technology and new generation electronics. Targeted at sign and display applications, the printer addresses the needs of businesses focusing on both high speed production and top quality print work.

The VJ-1638X delivers sellable production speeds up to 36 m²/h and is ideal for established sign makers who need extra versatility and for larger operations that want to extend their capacity and flexibility. A ValueJet 1638X will deliver best-in-class speed and superior print quality, without compromise.

**Product Highlights**

- Compact printer, featuring proven technology, made in Japan
- Speed and quality – the real combination of both
- Cost-effective durable inks for long term outdoor and indoor applications
- Staggered dual head setup with latest generation 1440 nozzle piezo heads
- Mutoh i2 Intelligent Interweaving and DropMaster technology inside
- Super high resolution prints at 20 m²/h (720 x 1080 dpi)

**Application Possibilities**

The VJ-1638X 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.
64” 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 / head

Drop Mass Range (pl)
3.5 to 35

Head Heights
Low: 1.5 mm / Middle: 2.5 mm / High: 4.0 mm

Media Specifications

Max. Media Width
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

Media Drying System
Individually & intelligently* controlled pre-heater, fixer & dryer (30 - 50 °C)**

* Slowest heater starts first taking into account all target temperatures
** When printing onto slow drying media or applying high ink loads and/or printing at high speeds an additional drying system may be required.

Power Consumption

During Printing: < 650 W
In Stand-by: 45 W
Warming Up: ≤ 1100 W (main) & ≤ 1250 W (heat)

Recommended Working Environment

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

Machine Measurements

Width x Depth x Height
2698 x 885 x 1261 mm

Weight
221 kg

Performance

Speed
10 m²/h
1080 x 1440 dpi 12 p
High Quality Mode

15 m²/h
720 x 1440 dpi 8 p
720 x 1080 dpi 6 p
Standard Production Mode

20 m²/h
720 x 1080 dpi 8 p
Fast Mode

36 m²/h
720 x 720 dpi 4 p
Billboard Mode

94 m²/h
360 x 360 dpi 1 p
Maximum Speed

Ink Specifications

Ink Type
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 / m²

* 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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