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# ValueJet

## ValueJet VJ-628



# Compact 24" Wide Desktop Eco Ultra Printer

The VJ-628 is Mutoh's smallest sign & display printer offering a great potential to startup businesses, small sign makers, department stores and quick print providers.  Offering a media width of 630 mm (24"), the compact, user-friendly & cost-effective ValueJet 628 has been developed for a wide array of applications ranging from in-store printing, commercial print, signage and print-to-cut applications.

Equipped with a latest generation micro piezo print head, this compact 8 channel desktop printer delivers high quality prints for indoor & outdoor applications.

## Product Highlights

- Powerful 8 channel desktop printer
- Latest generation piezo print head technology on board
- Impeccable print quality every time with Mutoh Intelligent Interweaving print technology (i2)
- Durable graphics with Mutoh Eco Ultra inks
- Production speed range from 3 to 12.5 m²/h

## Application Possibilities

Designed for small-lot on demand production, the VJ-628 is suited for a wide variety of outdoor and indoor prints : long-term outdoor posters, stickers & labels, signs and banners, apparel decoration, backlit signage, POS displays, vehicle & window graphics, photo prints, fine art reproduction, etc..



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## 24" Sign & Display Printer

## SPECIFICATIONS

### Technical Key Specifications

| | |
|---|---|
| Print Technology | Drop-on-demand Micro Piezo Inkjet Technology |
| Print Head | 1 (8 colour channels) |
| Nozzle Configuration | 180 nozzles x 8 lines |
| Drop Mass Range (pl) | 3,5 to 35,2 |
| Head Heights | Low: 1.2 mm / High: 2.5 mm |

### Media Specifications

| | |
|---|---|
| Max. Media Width | 630 mm (24,80") |
| Max. Print Width | 620 mm (24,40") |
| Max. Media Thickness | 0.3 / 1.3 mm * |

\* : Max. media thickness is specified per head height

| | |
|---|---|
| Media Measurements * | Ø 150 mm / 2" & 3" / 9 kg |

\* : Standard non-motorised roll-off system

| | |
|---|---|
| Media Drying System | 3 heater zones: pre-heater, platen heater and after heater.    Single control : off, 30-45 °C |
| Sheet Off Function | Automatic sheet off system integrated |

### Ink Specifications

| | |
|---|---|
| Ink Type | Eco Ultra |
| Ink Volume | 220 ml |
| Ink Colours | CMYK |
| Ink Consumption * | 8 ml / m² |

\* : Average ink consumption 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.

### Machine Measurements

| | |
|---|---|
| Width x Depth x Height | 1190 x 437,5 x 365,6 mm (Desktop) |
| | 1190 x 590 x 1165,6 mm (+ Optional stand) |
| Weight Desktop / Stand | 31.8 kg / 40.5 kg |

### Performance

| | |
|---|---|
| High Quality (720 x 1080) | 3.0 m²/h |
| Quality (720 x 720) | 4.6 m²/h |
| Quality Production (720 x 1080) | 5.9 m²/h |
| Production (720 x 720) | 9.0 m²/h |
| Speed Production (720 x 720) | 12.5 m²/h |
| Billboard (360 x 720) | 16 m²/h |

\* All speeds indicated for 4 colour setup.  Full width. Intelligent Interweaving active

### Power Consumption

| | |
|---|---|
| During Printing | 500 Watt |
| In Stand-by | ≤ 830 W |
| Power Supply | AC 100-120 V / AC 200-240 - 60/50 Hz - ≤ 6.5 A / ≤ 3.5 A |

### Recommended Working Environment

| | |
|---|---|
| Temperature | 20 °C - 32 °C with Δt: max. 2 °C/h |
| Humidity | 40 % - 60 % (no condensation) with ΔRH: max. 5 % RH/h |

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