



The PerformanceJet PJ2508UF

Sales Presentation v1.0



The PerformanceJet PJ2508UF

\$84,995 MSRP



4' x 8' UV-LED Printer

For the industrial printing and signage markets.



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Features



- **Ricoh Gen 5 Printheads**
Print faster with Ricoh print heads up to 968 sqft/hr. and decrease cure time with dual LED lamps.
- **White and varnish ink option**
Print white for added applications on a variety of substrates and add layers of varnish for added texture and embossing.
- **Productive**
Offer greater applications with ability to print rigid material up to four inches thick.
- **Environmentally friendly**
UV-LED ink is an energy efficient solution to printing, and Mutoh's UV-LED ink is 100% solid, meaning no VOCs or HAPs.
- **Reliable**
Includes a one year limited on-site warranty.
- **Field Upgradeable**
Upgrade from 4 print heads to 6 for even greater productivity.



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Smart Printing



- **Incredible Vacuum Control**
Four vacuum zones for complete control of print media positioning.
- **High Resolution Printing**
Up to 1200 dpi for greater accuracy and quality.
- **Auto Media Height Sensing**
Avoid head crashes and automatically adjust for media height for greater accuracy and reliability,
- **Static Elimination System**
Eliminate static when printing to high static substrates resulting in better more accurate dot placement.
- **“Blowback” vacuum system and Media Alignment Pins**
Easier placement of heavy substrates on the printer table and automatic edge pins for greater alignment predictability.



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4 or 6 printheads,
CMYKx2 or, CMYKx2
+ White, +Varnish

Print on media substrates up to 4" thick.

Anti-static
protection

Auto-Alignment Pins
and Blowback system

4-zone vacuum system

4 x 8 ft print area





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Specs



- **Print method:** Drop-on demand piezo
- **# of nozzles:** 1280 nozzles , 4x320 channels
- **# of heads:** 4 field upgradeable to 6
- **Ink type:** UV-LED
- **Variable dot:** Yes
- **Print modes:** 600x300 / 600x600 / 600x900 / 600x1200
- **Color Options:** CMYKx2 or CMYK, White and Varnish
- **Max print speed:** 968 sqft/hr
- **Max resolution:** 1200 dpi
- **Max media thickness:** 4 inch
- **RIP software:** Mutoh Edition FlexiSign & Print
- **Power requirements:** 220-240V 25A Single phase
- **Operating temp:** 68° - 86° F
- **Operating humidity:** 40 – 80%
- **Dimensions WxDxH:** 186.6" x 78.7" x 58.8"
- **Printer weight:** 2,756 lbs.
- **Limited warranty:** One year on-site



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Applications



INDUSTRIAL MARKET

- Packaging
- Prototypes
- Engineering

SIGN & GRAPHIC MARKET

- Trade show displays
- Yard signs
- POP signage
- Directional signage

SPECIALTY MARKET

- Home décor/remodeling





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Advantages



ADVANTAGES OF UV CURING

Lower energy costs

- No large dryers needed.
- Lower temperature processes.

Less space

- Curing in line with print head instead of large drying section after printing.

Increased productivity and output

- Dual UV-LED lamps cure faster and allows for higher speeds.

Versatile

- Allows use of heat sensitive substrates including: PE, PP, PET, PEN, PEEK, TAC, vinyl, TPO, ABS and PC.

Environmentally friendly

- Mutoh's UV-LED ink is 100% solid meaning no VOCs or HAPs as found in competitors ink.



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Competitors

SPECS



| Specs | Mutoh PJ 2508UF | Flora 2512UV | Mimaki JFX200-2513 |
|----------------------|-----------------|--------------|--------------------|
| Max. Print Width | 100 inches | 96 inches | 98.4 inches |
| Max. Print Height | 49.2 inches | 48 inches | 51.1 inches |
| Max. Media Thickness | 4 inches | 4 inches | 1.96 inches |
| Max. Speed | 968 sf/hr. | 484 sf/hr. | 269 sf/hr. |
| Standard Speed | 440 sf/hr. | 376 | XXX |
| MSRP | \$84,995 | \$92,500 | \$77,995 |



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Competitors INK



| Specs | Mutoh PJ 2508UF | Flora 2512UV | Mimaki JFX200-2513 |
|----------------------|--|------------------------------|--------------------------------|
| Ink Type | UV-LED | UV-LED | UV-LED |
| Heating / Drying | 2 – UV-LED Lamps | 2 – UV-LED Lamps | 2 – UV-LED Lamps |
| Available Media | Rigid/CutMedia | Rigid/Cut Media | Rigid/Cut Media |
| Odor | Limited | Limited | Limited |
| Number of Printheads | 4 or 6 Ricoh Gen 5 (2xCMYK or CMYK x2+White,Varnish) | 8 Konica Minolta print heads | CMYK, Lc, Lm, W, Clear, Primer |
| Capacity | 1.0 liter | 2.5 liter | 1 liter |
| Max. Resolution | 1200 | 1440 | 1200 |



Product specifications are subject to change.

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