



The ValueJet 1638UH

Sales Presentation v1.0



The ValueJet 1638UH

\$59,995 MSRP



64" Dual Head UV-LED Printer

part number: VJ-1638UH

For the packaging prototype and signage markets.



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Features



- **Increased print speeds, decreased cure times.**
Print faster with dual print heads up to 220 sqft/hr and decrease cure time with dual LED lamps.
- **White and varnish ink**
Print white for added applications on a variety of substrates and add layers of varnish for added texture and embossing.
- **Productive**
Save space and money with the ability to print rigid material up to a half inch thick and roll-fed media for various applications.
- **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.
- **Quality**
Mutoh's patented Intelligent Interweave print technique helps eliminate banding.



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Smart Printing



- **ValueJet Status Monitor (VSM) & VSM Mobile Support**
ValueJet Status Monitor helps monitor process control while VSM mobile allows you to monitor your printer settings from your smart phone. Check ink, heater and media settings remotely.
- **Intelligent Interweave (i²) print technique**
Virtually eliminate banding with Mutoh's wave printing technique.
- **SpectroVue VM-10**
Optional on-board spectrophotometer simplifies profile creation and ColorVerify process control systems.
- **ColorVerify and ColorVerify Pro**
Comes standard with ColorVerify process control system or you can purchase the optional ColorVerify Pro system for the more advanced print shop.
- **Mutoh Financial Services**
Create a customized plan to fit your printer purchasing needs.



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Media retainer to set the position of rigid media in both PF and CF direction



Easy to navigate display panel

Staggered Dual Heads and dual UV-LED lamps

Print with CMYKx2, CMYK plus white and varnish UV-LED ink

Print on rigid material up to a half inch thick with Mutoh edition FlexiSign & Print software

Removable flatbed tables to print rigid or roll media



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Specs



- **Print method:** Drop-on demand piezo
- **# of nozzles:** 180 nozzles x 8 rows
- **# of heads:** 2 (2 UV-LED lamps)
- **Ink type:** UV-LED
- **Variable dot:** Yes
- **Min droplet size:** 3.7 pl
- **Print modes:** 1440/1080/720/540 dpi, 21 modes
- **Color Options:** CMYKx2 or CMYK, White and Varnish
- **Max print speed:** 220 sqft/hr
- **Max resolution:** 1440 dpi
- **Max media thickness:** ½ inch
- **Media roll diameter/core:** 6" / 2" or 3"
- **Max media width:** 64 inches
- **Max print width:** 63.6 inches
- **Take-up system:** Optional
- **Media Retainer:** Standard
- **Front and rear tables:** Standard
- **RIP software:** Mutoh Edition FlexiSign & Print
- **Power requirements:** 100-120V, 50/60 Hz
- **Operating temp:** 68° - 89.6° F
- **Operating humidity:** 40 – 60%
- **Dimensions WxDxH:** 117 x 32 x 50"
- **Dimensions (w/ stand):** 117 x 107 x 51"
- **Printer weight:** 352 lbs.
- **Table weight:** 81 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 decor
- Floor mats





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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.
- Hybrid design maximizes floor space and increases efficiency.

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



Mutoh VJ 1638UH



Roland LEJ-640



Mimaki UJV-160

Spec

Max Media Width

64 inches

64 inches

63.7 inches

Max Print Width

63.6 inches

63.5 inches

63.3 inches

Max Media Thickness

.5 inches rigid

.51 inches rigid

.39 inches rigid

Max Speed

220 sqft/hr

133 sqft/hr

65 sqft/hr

Standard Speed

139 sqft/hr

59 sqft/hr

39 sqft/hr

MSRP

\$59,995

\$54,995

\$59,995



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Competitors INK



Mutoh VJ 1638UH



Roland LEJ-640



Mimaki UJV-160

Spec

Spec	Mutoh VJ 1638UH	Roland LEJ-640	Mimaki UJV-160
Ink Type	LED-UV (rigid type)	Eco UV, Eco UV S Ink (stretch)	LH-100 Rigid UV, LF-200 Flexible UV
Heating / Drying	2 UV-LED lamps	2 UV-LED lamps	2 UV-LED lamps
Available Media	Roll/Cut Media/Board	Roll/Cut Media/Board	Roll/Cut Media/Board
Odor	Strong	Very Strong	Very Strong
Number of Slots	8 (4/6 colors CMYKx2 CMYK, W, Varnish)	6 (6 colors CMYK, W, Clear)	8 (4/5/6 colors CMYK, W, Clear)
Capacity	220 ml, 820 ml	220 ml	220 ml / 600 ml (requires adapter)
Max Resolution	1400 x 1400	1440 x 1440	1200 x 1200



Product specifications are subject to change.

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Mutoh America, Inc.
Marketing Department
2602 South 27th Street
Phoenix, AZ 85034

www.mutoh.com
1.900.99.MUTOH

