

**MUTOH**  
PRINT WITH PRECISION

# HydrAton 1642

A 64" PRINTER POWERED  
BY A REVOLUTIONARY,  
WATER-BASED UV INK  
TECHNOLOGY.



Powered by the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to Sai Flexi DESIGN MUTOH Edition, a combined value of \$1,600.

AQUAFUZE™ is a registered trademark of Fujifilm Group

## AQUAFUZE

Highly-Safe Water-Based UV Ink

- Low VOC Emissions
- Low Odor
- Highly-Safe Composition
- GREENGUARD Gold Certified

The HydrAton 1642 is a 64 inch Water-Based UV Dual Print Head roll-to-roll printer, introducing a new category of roll-to-roll printing with AQUAFUZE™ ink, a highly safe UV water-base ink, made using Fujifilm Group's proprietary technology for stable water dispersion of photo polymers. By combining water-based safety with UV-level durability, it delivers vibrant graphics, reduced environmental impact, and reliable performance across a range of applications. HydrAton 1642 Water-Based UV Printer is engineered for interior graphics, signage, décor, and specialty substrates.

Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP software and a complimentary one-year subscription to Sai Flexi DESIGN MUTOH Edition, a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



WALLPAPER/DECOR



RETAIL SIGNAGE



VEHICLE WRAPS



BANNERS

**MUTOH**  
PRINT WITH PRECISION

Revolutionary NEW  
GREENGUARD Certified  
AQUAFUZE™ Ink  
Technology

Equipped with two top  
of line MUTOH's  
AccuFine HD printheads

66lb Take-up  
Starts and Stops  
Automatically  
With Printing

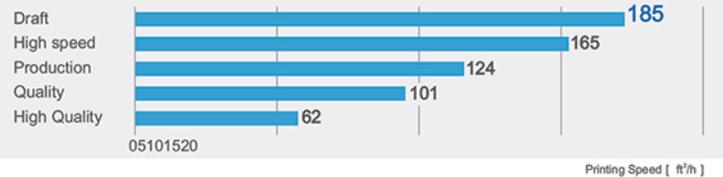
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# HydrAton 1642



Award-Winning Printer with  
Revolutionary Water-Based UV  
AQUAFUZE™ Ink Technology



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## Automatic Bi-D Adjustment/Automatic Media Feed Adjustment

Automates adjustments for each media type, reducing the burden on the operator

## Media Roll Balance Management

Manages the remaining media with barcodes, enabling efficient media consumption and usage



Media roll balance management



Automatic media feed adjustment



High-speed printing image quality



Automatic Bi-D adjustment

## Genuine RIP Software VerteLith™ Maximizes the HydrAton 1642's Performance



### Tiling Function

Print overlapping tile sheets for neat seams. Panels can be divided into any size or number of panels and trim marks as well as guide lines can be added as needed.



## HydrAton HA-1642

<b>Print Head</b>	Print method	On-demand piezo drive system
	Head height	Low: .059in (1.5mm), Middle: .078in (2.0mm), High: .098in (2.5mm)
	Number	2
<b>Media</b>	Roll media width	Maximum: 64in Minimum: 19.7in
	Maximum media thickness	.0393in or less is recommended
	Diameter	7.87in or less
	Core diameter	2 or 3 inches
	Weight	66lb or less
<b>Maximum Print Width</b>		63.5in
<b>Ink</b>	Type	AQUAFUZE™ Ink
	Configuration	4 color (Cyan, Magenta, Yellow, Black)
	Capacity	1,000ml ink bag

<b>Interface</b>	Gb-Ethernet: 1000BASE-T
<b>Power Supply</b>	Voltage: AC100V 120V±10%/AC200V or 240V±10% Frequency: 50/60Hz ±1Hz
<b>Power Consumption</b>	Operation: 1.4kW or less, Maximum 2.7kW or less
<b>Dimensions (W)×(D)×(H)</b>	Body size: 109in × 35in × 56in With ink case installed: 109in × 35in × 63in
<b>Weight</b>	Printer body: 322lb Stand: 70.5lb Take-up unit: 17.5lb
<b>RIP Software</b>	Genuine RIP software VerteLith™

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- The contents of this catalogue are current as of January 2025.
- Product specifications and appearance are subject to change without notice after improvement revisions, etc.
- Some of the used images are for illustrative purposes only. They may differ from the actual printed products.

Learn more about MUTOH at [www.mutoh.com](http://www.mutoh.com)