MUTOH
PRINT WITH PRECISION

HydrAton 1642

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



VerteLith

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 Ink

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

The HydrAton 1642 is a 64 inch, dual printhead, water-based UV roll-to-roll printer, introducing a new category of roll-to-roll printing with AQUAFUZE™ ink, a highly safe UV-curable 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
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Revolutionary NEW GREENGUARD Certified AQUAFUZE™ Ink Technology

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

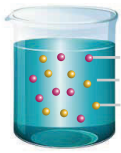
66lb Take-up Starts And Stops Automatically With Printing

www.MUTOH.com | 1-800-99MUTOH

HydrAton 1642

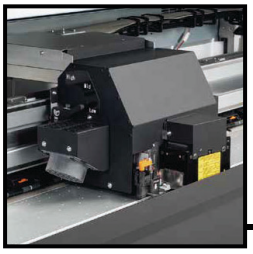
Award-Winning Printer with Revolutionary Water-Based AQUAFUZE™ Ink Technology

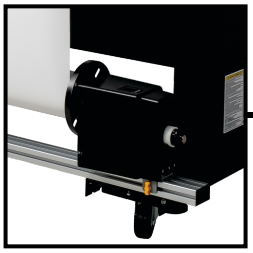
AQUAFUZE™



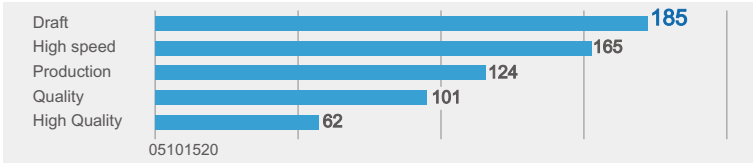
Revolutionary Ink Technology

- Pigment
- Water
- UV-Curable Latex









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 effcient media consumption and usage

GREENGUARD GOLD

Media Tracker — Media roll balance management

FEED MASTER — Automatic media feed adjustment

AccuFine — High-speed printing image quality

DropMaster 2 — Automatic Bi-D adjustment

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

VerteLith

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

Print Head	Print method	On-demand piezo drive system
	Head height	Low: .059in (1.5mm), Middle: .078in (2.0mm), High: .098in (2.5mm)
	Number	2
Media	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
Maximum Print Width		63.5in
Ink	Type	AQUAFUZE™ Ink
	Configuration	4 color (Cyan, Magenta, Yellow, Black)
	Capacity	1,000ml ink bag

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