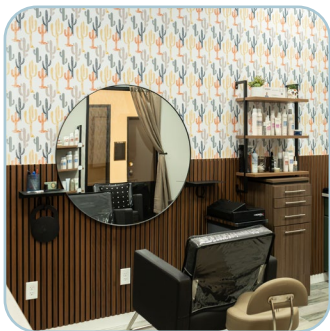


64" WATER-BASED UV PRINTER

HydrAton 1642



MUTOH



WALLPAPER/DECOR



SIGNAGE



BANNERS



VEHICLE GRAPHICS

HIGHLY-SAFE SUSTAINABLE PRINTER

- LOW VOC EMISSIONS
- SAME DAY LAMINATION
- LOW POWER CONSUMPTION
- VERSATILE MEDIA SUPPORT



Powered by



A Safer, Smarter Approach to Wide Format Printing

The **HydrAton 1642** is a 64", dual-printhead, water-based UV roll-to-roll printer, a new category of roll-to-roll printing built around a water-based UV-curable ink chemistry to deliver vibrant graphics, reduced environmental impact, and reliable performance across interior graphics, signage, décor, and specialty substrates.



*AQUAFUZE™ is a registered trademark of Fujifilm Group.

AQUAFUZE™ ink is a highly safe UV-curable water-based ink, made using Fujifilm Group's proprietary technology for stable water dispersion of photopolymers.

- **NEW GREENGUARD Gold Certified Ink Technology** — low VOC, nearly odorless output, free from GHS hazard symbols and Substances of Very High Concern (SVHC).
- **New AccuFine HD Printheads** — faster print speeds without sacrificing image quality, up to 1,200 × 2,400 dpi resolution.
- **Automatic Bi-D Adjustment / Automatic Media Feed Adjustment** — calibrates automatically for each media type, reducing operator workload.
- **Media Roll Balance Management** — barcode-based tracking for efficient media usage and less waste.
- **Automatic Start/Stop Technology** — with 66 lb take-up for uninterrupted, hands-off operation.
- **No Primers, Optimizers, or UV-Specific Laminates Required** — compatible with standard solvent lamination films, no silvering.
- **Low-Temperature Curing** — cures at 30–50°C, reducing energy costs and media shrinkage while preserving substrate texture.
- **Same Day Lamination** for a quick turn-around.

SPECIFICATIONS

PRINTHEAD

Printing Method	On-demand piezo drive system
Print head Height	Low: 1.5mm Middle: 2mm High: 2.5mm
Print Heads	2
Max Print Width	63.5"
Roll Media Width	Max: 64" Min: 19.7"
Media Width	Max: 64" Min: 19.7"
Media Capacity	ø 5.9"dia/2" & 3" cores/Roll media 66lbs or less
Max Media Thickness	0.0393"
Diameter	7.87" or less
Core Diameter	2" or 3"
Weight	66lb or less
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	AQUAFUZE™ Ink
Ink Set	4-Color (CMYK)
Volume	1L Ink Bag

AUXILIARY

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	Voltage: AC100-120V± / AC200V or 240±10% Frequency: 50/60Hz ± 1Hz
Deminsions (W x D x H)	Body: 109" x 35" x 56" With ink case installed: 109" x 35" x 63"
Power Consumption	Operation: 1.4kW or less, Maximum 2.7kW or less
Weight	Printer Body: 322lb Stand: 70.5lb Take-up unit: 17.5lb

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.

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