Next-generation UV ink that's even safer for people and the environment

Mimaki™

UJ330H-160

ELS Ink

Approximately **30%** less odor than before, making it even easier to use!

| SVHC-Free *1 | CMR-Free *2 |

*1 Substances of Very High Concern (SVHC), which may pose significant risks to human health and the environment
*2 Substances classified as Carcinogenic, Mutagenic, or Reprotoxic (CMR)

Raster Link 7

Supports beautiful printing and smooth operation
▌ Improved reproduction of PDF special effects such as transparency
▌ Faster RIP processing of PDF data for enhanced productivity
▌ Consistent results with the Variable Print function
▌ Displays frequently used setting and pop-up windows

Productivity

◼ 4colour   ◼ 4colour/6colour+SP

High Speed
600x600 dpi 8 pass — 22.0 m²/h
600x900 dpi 12 pass — 14.0 m²/h

Standard
600x1200 dpi 10 pass — 16.0 m²/h
600x1200 dpi 16 pass — 8.5 m²/h

Quality
1200x1200 dpi 12 pass — 9.0 m²/h
1200x1200 dpi 16 pass — 5.0 m²/h

0   5   10   15   20   25 (m²/h)

Mimaki Cloud Technology PICT

PICT automatically collects operating status, ink usage, and error information, enabling accurate remote monitoring of printers and supporting more efficient business operations.

Cloud

UJ330H-160

☑ Production Management
☑ Ink Refill Planning
☑ Maintenance Scheduling, etc.

Operate machines remotely

MRA (Mimaki Remote Access)

List ink type, heater temperature, and notification alerts on a smartphone or Windows-based PC. The machine can be operated remotely with the same feeling as the control panel of the actual machine.

Same Network Segment

Smartphone
Wireless LAN Router
Windows PC

UJ330H-160   CF22-1225   CG-AR Plus

◼ Specifications

Item	UJ330H-160
Print Head	On-demand piezo head (2 staggered layout)
Print Resolution	Y : 600, 1,200 dpi X : 600, 900, 1,200, 1,800 dpi
Head Gap	Automatic nozzle-to-media distance adjustment 1.5 mm to 3.0 mm (in 0.1 mm div.), automatically adjusted by belt elevation.
Maximum Print Width	1,610 mm (63.4")
Media (Roll) — Size	Width: 210 – 1,620 mm (8.3 – 63.8")
Media (Roll) — Outer diameter	φ250 mm (9.8") or less
Media (Roll) — Roll Weight	45 kg (99 lb) or less
Media (Roll) — Core diameter	2 inches, 3 inches
Media (Roll) — Take-Up Torque Limiter	Standard Setting: Low (adjustable from Low to High)
Media (Rigid) — Size	Width 210 – 1,620 mm (8.3" – 63.8") / Length 280 – 2,500 mm (11" – 98.4")
Media (Rigid) — Media Thickness	50.8 mm (2") or less
Media (Rigid) — Media Weight	25 kg (55.1 lb) or less (7 kg (15.4 lb) / m² or less)
Interface	Ethernet 1000 BASE-T (recommended) / USB2.0 Hi-speed
Automatic Adjustment	DAS2 Equipped
Power Specifications	Single-phase AC 100 – 120 V ±10% / 8 A, Single-phase AC 200 – 240 V ±10% / 4 A, 50/60 Hz ±1% ×2
Power Consumption	Up to 800 W × 2; ≤ Inlet1 400 W / Inlet2 500 W during operation; ≤4.5 W × 2 in sleep mode
Operational Environment — Temperature	20–30°C (68–86°F)
Operational Environment — Humidity	35–65% RH (no condensation)
Operational Environment — Accuracy Guaranteed Temperature Range	20–25°C (68–77°F)
Operational Environment — Dust Level	Equivalent to a typical office environment
Dimensions (W x D x H)	Main unit: 3,225 × 785 × 1,420 mm (126.9 × 30.9 × 55.9") / Main unit + 1 Roller table set: 3,225 × 2,664 × 1,420 mm (126.9 × 104.9 × 55.9") / Main unit + 2 Roller table set: 3,225 × 4,712 × 1,420 mm (126.9 × 185.5 × 55.9")
Unit Weight	386 kg (851 lb)

◼ Ink

Item	Color	Item Code	Remarks
ELS-170 GREENGUARD Gold Certified ink	Cyan	ELS170-C-BA	1 L Bottle
	Magenta	ELS170-M-BA	
	Yellow	ELS170-Y-BA	
	Black	ELS170-K-BA	
	Light Cyan	ELS170-LC-BA	
	Light Magenta	ELS170-LM-BA	
	White	ELS170-W-BA	
	Clear	ELS170-CL-BA	
LUS-210* GREENGUARD Gold Certified ink	Cyan	LUS21-C-BA	
	Magenta	LUS21-M-BA	
	Yellow	LUS21-Y-BA	
	Black	LUS21-K-BA	
	White	LUS21-W-BA	

* LUS-210 ink is available only in select countries.

◼ Options

Roller Table Assy	Ionizer – requires both items	
Roller Table Assy	Ionizer Unit 160	UJ330H Ionizer Connection Kit
OPT-01020	OPT-J0545	OPT-01024
*2 units per set		

⚠ **Inks and substrates:**
• For safe and reliable operation, please check media compatibility in advance.
• As physical properties of ink (adhesion, weather resistance etc.) are different depending on media, please be sure to have a print test in advance.
• Depending on the application, primers, other surface treatment or surface protection such as lamination may be necessary.

⚠ **Safety notice:**
This product is equipped with UV irradiation equipment.
Please pay attention to the following notes in order to use safely.
• Do not look directly into the UV light source nor place your hand, or expose your skin directly to the UV light source.
• During UV curing printing, some odor may occur. Ensure adequate ventilation at all time.
• Depending upon print mode, some VOC emittance from printed parts not yet cured and hardened may occur.
• In addition, please be sure to read and follow the instructions and guidelines of the manual carefully.

MIMAKI EUROPE BV
Stammerdijk 7E, 1112 AA Diemen, The Netherlands
www.mimakieurope.com | Tel. : +31 20 4627640
☐ ☐ @MimakiEurope

DB10395-00

Next Standard

New Arrival

LUMIÈRE·R

IN A HURRY TO FIND A CUP OF COFFEE

Ferry   Bus A   Bus B   Train

Expand your range of applications

The UJ330H-160 supports roll media that were previously difficult to handle.

Even thin films and fabrics, which were difficult to transport with conventional grit rollers, can now be conveyed stably. This ensures high-quality printing without damaging the surface of the materials.

Roll

Reliable performance for your existing applications

Self-Adhesive Vinyl and Banner
Indoor Signage

Wallpaper
Retail Interior Décor

Self-Adhesive Vinyl
Floor Signage

Unlock new possibilities with challenging materials

Fabric
Soft Signage

Soft PVC
Space Divider / Tent Signage

PET Film
Window Graphics
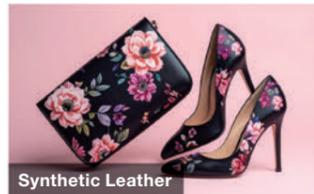
Synthetic Leather
Bags, Shoes, and Vehicle Seats

* Material transport performance may vary depending on media type and specifications. Pre-testing is recommended before production.

Boost your workflow efficiency

Achieve stable handling of rigid materials.

Direct printing onto a wide range of rigid board materials eliminates the need for costly outsourcing or labor-intensive mounting processes.

Rigid

Large-format boards

Aluminium Composite Panel
Outdoor Signage

Lightweight boards prone to warping

Styrene Board
Display Panels

Thick signage materials

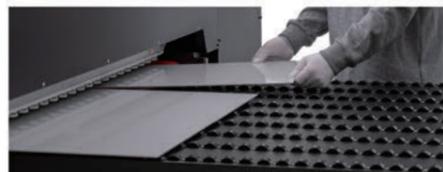**Foam Board**
Channel Signage

Simultaneous printing of multiple boards

Reduce media changeover time and improve your overall workflow efficiency.

POP Displays

Fast, Beautiful Output with 330 Quality

Equipped with high-density and high-definition 330 Series print heads in a staggered configuration, the UJ330H-160 delivers solid, uniform fills to smooth, finely detailed gradations with a practical productivity of 14.0 sqm/h.*

* When using CMYK + White + Clear or CMYK LcLm + White ink sets.

Precise control of ink droplets as small as 4 pl

Each ink droplet is placed exactly where intended, delivering high-quality images with no visible graininess.

HEAD

Beautiful solid fills with high-density ink

Three precisely controlled droplet sizes are combined to produce smooth, even solid areas. Larger droplets provide coverage, while smaller dots refine details to create rich gradations and outstanding image quality.

● Large ● Middle • Small
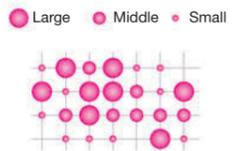
UV×3-Way Conveyor System

Heat-free UV technology minimizes the risk of media warping and deformation during printing, ensuring stable media transport. Combined with Mimaki's proprietary 3-way conveyor system, the UJ330H-160 delivers reliable and stable output across a wide range of both roll and rigid media.
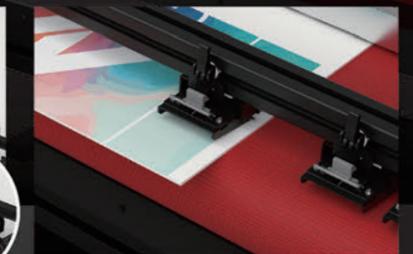

① Auto Vacuum
A powerful vacuum holds the media evenly across its surface during transport, preventing wrinkles and sagging.

② Rear Clamp Roller
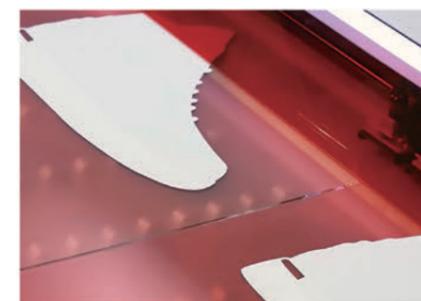Suppresses lifting and warping of rigid media, ensuring stable media transport alignment.

③ Power Lock Roller
Suppresses warping at the front and edges of rigid media, ensuring stable transport even for large-format and warp-prone materials.

Add Value with UV Printing

High-opacity white ink

Clear ink for gloss and matte finishes

Multi-layer printing expands creative possibilities (up to 5 layers)

Produce different designs on a single sheet— ideal for double-sided window graphics