

UJV300DTF-75 use ELS-170 and ELH-100 ink, the next generation of Mimaki UV inks.

The combination of ELH-100, a hard ink, and ELS-170, a flexible

ink, has achieved industry-leading properties in both strength and flexibility.



PICT allows users to monitor printer operation and ink usage remotely.

It supports better planning by providing real-time data on operational status and performance

PICT helps with scheduled maintenance and preparing for ink refills, ensuring smooth and efficient production.



Towards a More

Business Model

Environmentally Friendly

Mimaki's UV inks (ELS-170 and ELH-100) are GREENGUARD Gold

certified, having passed the world's most stringent standards for

chemical emissions. This certification ensures their suitability for use

in sensitive environments such as schools and healthcare facilities,

making them an ideal choice for environmentally responsible printing.



Software to support operations	
rom design creation to output	
(included as standard)	

Mimaki

Supporting the beauty of prints and operability Raster Link 7 Genuine RIP Software

Easier Design Creation

Simple Create Design software

■Specifications

ltem		UJV300DTF-75	
Print head		On-demand piezo head	
Print resolution		300dpi, 600dpi, 900dpi, 1,200dpi	
Ink	Turne	LED-UV ink	
	туре	ELS-170 + ELH-100	
	Color	ELS-170(C,M,Y,K) ELH-100(W,CL)	
	Capacity	1L (Bottle supply)	
Ink circulation		White ink only	
Max. print width		640mm(25.2in)	
Max. media width		650mm(25.6in)	
Media roll outer diameter		250mm(9.8in) or less	
Media roll weight		45kg(99.3lb) or less	
Safety standard		VCCI Class A / FCC Class A / Compliant with IEC 62368-1, ETL CE Marking (EMC, Low Voltage, Machinery Directive, RoHS) / CB Report / REACH · ENERGY STAR / RCM / KC	
Interface		USB2.0 / Ethernet1000 BASE-T	
Power supply		Single phase AC100~120/200~240V±10%,50/60Hz±1Hz	
Power consumption		AC100V : 1.44kW / AC200V : 1.92kW or less	
Operational environment	al Temperature	20-30degC / 68-86 degF	
	ent Humidity	35-65% Rh(No condensing)	
Outside dimensions(W×D×H)		2,090×860×1,475mm(82.3×33.86×58.1in)	
Weight		180kg(396.1lb)	

ltem	Color	ltem code	Remarks	
	Cyan	ELS170-C-BA		
FL C 170	Magenta	ELS170-M-BA	1L bottle	
ELS-170	Yellow	ELS170-Y-BA		
	Black	ELS170-K-BA		
ELU 100	White	ELH100-W-BA	11 hottla	
ELH-100	Clear	ELH100-CL-BA	IL DOLLIE	

Option

Ink

ltem	ltem code
lonizer	OPT-J0465

Green Technology

UL





Inks and substrates:

·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

necessary

•Some examples shown in this catalog are artificial renderings.•Specifications, designs and dimensions shown in this catalog may be subject to change without notice for technical improvements.•The corporate and merchandise names in this catalog are the trademarks or registered trademarks of the respective corporations.•Inkjet printers use extremely fine dots, so colors may vary slightly after replacement of print heads.•Also note that when using multiple printer units, colors could vary slightly from one unit to another due to slight individual differences.•Please note that descriptions and data in this catalog are as of March 2025.



MIMAKI USA, INC.

4851 Thurmon Tanner Parkway, Ste. 100, Flowery Branch, GA 30542 Tel. 888-530-3988



A 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.

Depending upon print mode, some VOC emittance from printed parts not yet cured and hardened may In addition, please be sure to read and follow the instructions and guidelines of the manual carefully.



UV-DTF opens new markets

UV-DTF (UV Direct-to-Film) is a technology that allows UV printing on a special glued film and transferring it as is like a sticker.

Designs can be easily applied to uneven materials and items with special shapes, which have been difficult with conventional printing methods.

Since only the design printed on the film is transferred to the object, UV-DTF eliminates the need for weeding (removal of margins) manually as with sticker sheets, which also improves production efficiency.

This is Mimaki's new proposal to customers who want to print but have been unable to do so, and to open up a new market.





Gans that are unable to print on UV flatbed printers.

Cylinders of shapes that an unable to print on KEBAB.



which was difficult with the sticker print



*Mimaki's product : 360° print system for cylindrical materials such as bottles and tumblers

KEBAB*

Flatbed

UV-DTF

Sticker

that are difficult to print on with UV ink



Capable of printing small text, designs, and other detailed expressions without margins.

STEP 3

Stickers are limited in their use

to designs with margins.

HOW TO UV-DTF

Capable of printing on undulations

and hollows that flatbed printers are unable to print on.





Designs are printed on special glued film, then application sheet is pasted on the film autimatically.





completed and finished.

Print White - Color - Clear as the order. Clear ink improves scratch resistance and makes application sheet removal easier.

STEP 2

Mimaki's Unique High Accuracy New UV-DTF specialized pinch roller supports accurate film feeding

Unique design pinch roller for the UV-DTF film realizes high-precision film feeding. This feeding technology supports handling of glued film surface.



Nozzle Recovery



Mimaki's unique NCU (Nozzle Check

System) allow printing to continue by

remapping the defective nozzles with

working nozzle when unrecoverble by

using the nozzle recovery system,

facilitating business operations.

Unit) and NRS (Nozzle Recovery

nozzle cleaning.

Re-mapping the defective nozzles with working ones



Printing speed remains the same when Technology in One Place UV-DTF Printer *UJV300DTF-75*

Easy media set





Media jam sensor



Equipped with a media jam sensor, the risk of print head failure is reduced even in situations where jams occur.

This greatly reduces the risk of failure due to media jams on glue surfaces in the unlikely event of a media jam.

Rear Take-Up System



Automatically takes-up the UV-DTF film liner paper at the back of the machine. The liner paper is rolled precisely at the printer's feeding speed, ensuring stable printing.