

Sales guide | IP

UJV300DTF-75 Competitive Overview

High-level

Compared to the competition, Mimaki stands

- Platform Stability
- Ink Compliance and safety
- Media transport stability and accuracy
- Service infrastructure
- Long-term reliability



INNOVATIVE SYSTEMS, PROVEN RESULTS.

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Mimaki UV Printing DNA – 50 Years of Innovation

Quality & Precision

- **MAPS 4 – Mimaki Advanced Pass System** → Smooth gradients, reduced banding
- **Variable Dot & Waveform Control** → Accurate droplet placement, fine detail, smoother color

Reliability & Stability

- **NCU / NRS** → Automatic nozzle check & recovery keeps uptime high
- **MCT (Ink Circulation)** → Prevents pigment settling, maintains white consistency

Productivity

- **Capping Station** → Protects the heads and keeps them in a print ready state
- **Simultaneous Layers Printing** → Offset and split head systems increase productivity by printing two or more layers at once.

Value

- **UV-LED Curing** → Instant cure, low heat, energy efficient
- **Automated Features** → Specialized features for special effects and textures

Ease of Use

- **RasterLink7** → Easy to navigate icon-based RIP, free with every printer

Mimaki UV Printing DNA – 50 Years of Innovation

Eco-Certified Inks

- GREENGUARD Gold certified inks
- Zero VOC emissions | Low odor operation
- Balanced adhesion, flexibility, and durability for diverse materials

Ink families:

- **LH-100** – rigid applications
- **LUS-120/150/200** – flexible materials
- **LUS-350** – thermoformable films
- **ELH / ELS** – newest generation eco UV inks

Why Mimaki Entered UV-DTF

- Compliment Mimaki UV-LED flatbed production
 - Support current application needs
 - Expand opportunity for our customers
 - Compliment expected quality
- UV-DTF is not new tech, but its reliability is
- Mimaki didn't rush to market | prioritized long-term stability first
- Professional production system, not a hobby printer



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The Mimaki Advantage

- Mimaki is an OEM manufacturer, not a rebrand
 - And only Japanese manufacture
- 20+ years of UV inkjet platform experience
 - Based on popular and proven UCJV platform
- Proven UV chemistry
 - Based on UV-LED ink with over a decade of field experience
- Has established US Service + parts and support infrastructure



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UV-DTF Competitive Market Speed

- Rapid growth → rapid rebranding expansion
- Most popular UV-DTF printers sourced from 2 Chinese manufactures
 - + 1 stand-alone Chinese brand
- Hardware, firmware, lack of stability and minimal support are shared



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STS S604 as a Category example

- STS S604 featured video
 - Is available on dealer portal. Dealer only.
- Represents typical third-party UV-DTF architecture
- Benchmark example for a popular manufacturer



STS S604 as a Category example



Measure	UVJ300DTF-75	S604
Quality	Sharp at production speeds (600 x 600 12-pass)	Grainy at higher resolution (720 x 1800 8-pass) blurry edge and line



UVJ300DTF-75 600 x 600 dpi 12pass 2.0

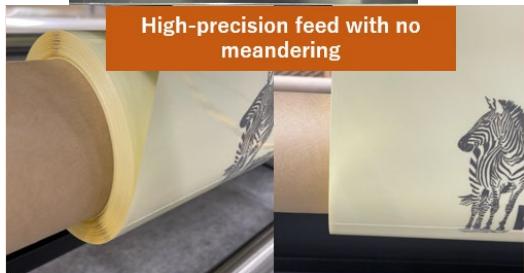
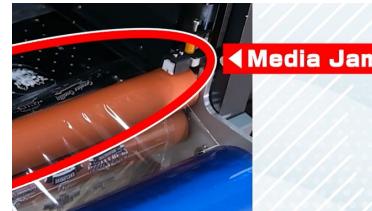
Chinese STS S604 720 x 1800 dpi 8Pass 7.0m²/h (catalog spec)

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STS S604 as a Category example



Measure	UV300DTF-75	S604
Material Feeding Stability	<p>New stable pinch roller technology with high power feeding and take-up reels. Also prevents meandering.</p>   <p>High-precision feed with no meandering</p>	<p>Tension based system that buckles with the slightest difference in timing and also causes a higher probability for meandering media.</p>   <p>Media Jam</p> <p>Meandering is common, and it is difficult to feed straight.</p>

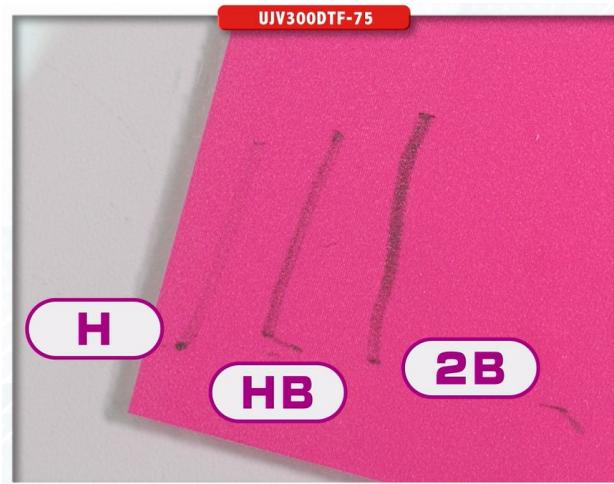
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STS S604 as a Category example



Measure	UVJ300DTF-75	S604
Ink Durability	Easily passes scratch durability test	Failed standard pressure scratch tests



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STS S604 as a Category example



Measure	UV300DTF-75	S604
Production	21.5 sqft/h	75.3 sqft/h
Written Specs:		

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STS S604 as a Category example



Measure	UV300DTF-75	S604
Production Written Specs:	21.5 sqft/h	75.1 sqft/h
Actual Measured:	19.7 sqft/h 8% drop	23.1 sqft/h 69% drop!



57:15

8'17" difference (x1.17)



48:58

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STS S604 as a Category example



Measure	UV300DTF-75	S604
Quality	Sharp at production speeds (600 x 600 12-pass)	Grainy at higher resolution (720 x 1800 8-pass) blurry edge and line
Material Feeding Stability	New stable pinch roller technology with high power feeding and take-up reels. Also prevents meandering.	Tension based system that buckles with the slightest difference in timing and also causes a higher probability for meandering media.
Ink Durability	Easily passes scratch durability test	Failed standard pressure scratch tests
Actual Measured Production:	19.7 sqft/h	23.1 sqft/h

New Feature – UJV300DTF-75

Now supports reverse layer printing!

① Clear → ② Color → ③ White

Also supports

① Clear → ② Color → ③ Clear

① White → ② Color → ③ Clear

*Ideal for decorating transparent materials and 2nd surface applications!

(Mimaki Driver v 5.10.1 or later)



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UJV300DTF-75 Overview

Flexibility beyond the bed | Print area: roll-to-roll 24" wide

Sales Positioning Key Points

- Higher production, optimized workflows that scale
- Reliable, repeatable output
- Easy-to-use, known RL7 system with quick drag and drop workflow
- Compatible with difficult materials, shapes and sizes
- Proven Technology and components / reduced downtime
- Predictable, lower operating costs, reduced waste, efficient
- Backed by support system and long-term platform confidence



Features

- Roll-to-roll UV-LED printer with in-line lamination
- Purpose-designed for UV-DTF film transfer workflow
- **New!** 3-layer print stack for every application type: W/C/CI – **CI/C/W** – CI/C/CI
- Complements direct printing — not a replacement
- Core Technologies: **MAPS 4**, **Variable Dot**, **Waveform Control**, **NCU/NRS**, **MCT**, **PICT**
- **ELH-100 (White/Clear) + ELS-170 (CMYK)** ink system — flexible, yet scratch resistant
- **GREENGUARD Gold certified**,
- High opacity white with smooth gradients and gloss/matte control
- Continuous ink circulation for stable output and reduced maintenance
- **Print → Laminate → Peel → Apply** workflow in a single pass
- Flexible UV ink film adheres to **PE, PP, coated glass, metal, and painted surfaces**
- **Low-temperature UV curing** allows decoration of heat-sensitive materials
- **PICT remote monitoring** for status, ink use, and job tracking
- Simple setup with roll feed and automatic lamination alignment

Applications

- Irregular objects that include: drinkware, bottles, jars
- Industrial labeling
- Promotional items and specialty packaging
- Surfaces not suitable for direct print (texture, curvature, or low adhesion)

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Mimaki UV-DTF Film

In stock now

- Place orders now
- 70+ sets available today
- 300 sets coming this month

ITEM ID	DESC	MSRP
MIU-120-620-100	Mimaki UV DTF Film AB	\$499
MIU-120-620-100(1pallet-20set)	Mimaki UV DTF Film AB (1 pallet holds 20 sets)	\$9,500

Use of dishwasher and heating Mimaki A & B Film

Dishwasher testing test results				
substrate	Cycles	1-20times	20-39times	40-50times
PP		 No change	21 times 0.6pt line damage	46 cycles solid color-cracking (no changes at 50)
Ceramics		 No change	31 times 0.6pt line damage	40 cycles 5pt line damage (no changes at 50)