Mimaki
AUTHORISED PARTNER

UCJV Series

THAT DOES IT ALL

THE TECHNOLOGICALLY SUPERIOR PRINTER/CUTTER

—

EXPERT PRINTING
MADE EASY

UCJV300-160

Mimaki

dsq

Print and Cut

UCJV Series

SOURCE OF
DIGITAL SOLUTIONS

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh – Saudi Arabia (KSA), we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

Best A Grade Quality & Innovative Products

DAY & NIGHT
4-LAYER PRINTING

The most efficient wide format workflow - ever

OUTPUT FROM THE MIMAKI UCJV SERIES IS INSTANTLY DRY, MAKING IT POSSIBLE TO LAMINATE AND/ OR CUT IMMEDIATELY AFTER PRINTING. THIS RESULTS IN SIGNIFICANT WORKFLOW TIME SAVINGS OVER ALTERNATIVE INK TYPES, AIDING PRODUCTIVITY AND THROUGHPUT.

UNPARALLELED MEDIA VERSATILITY

Thanks to the UCJV Series' use of state-of-the-art LED UV printing technology, it is suitable for printing on an unparalleled range of materials, such as banner, self-adhesive PVC, transparent PET film, paper, backlit media, soft signage and more.

WHITE INK

When used with Mimaki's white LUS-170 LED UV ink, the UCJV300 delivers the most opaque and dense result in its class, ensuring high color vibrancy and yield when overprinting with process colours on clear and non-white substrates. With productive print speeds – even when using white, It's also possible to generate 4 and 5-layer prints that deliver creative, value added applications.
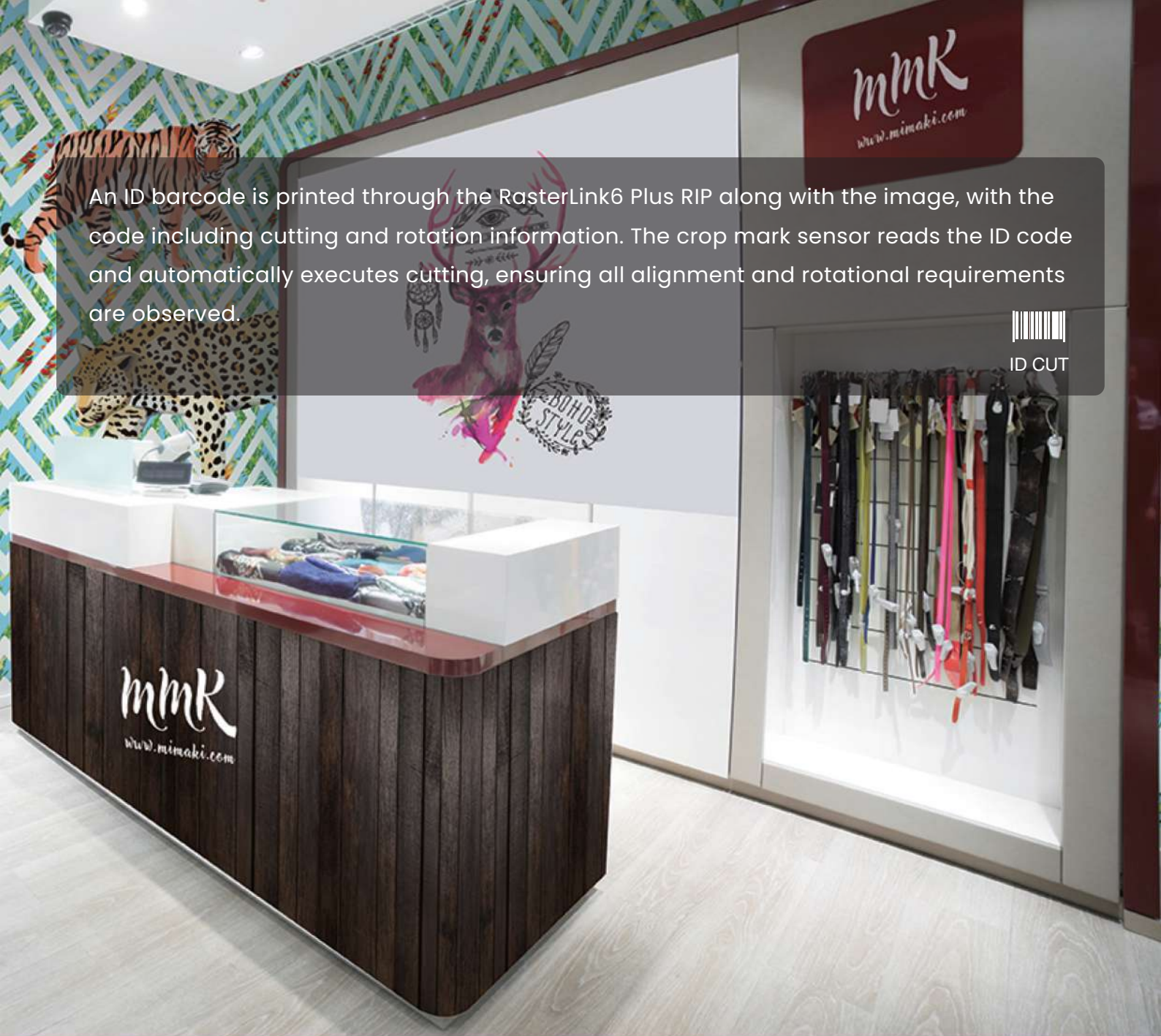
HIGH SCRATCH RESISTANCE

The high scratch resistance of Mimaki's LUS-170 LED UV ink allows printing on media such as tarpaulin without the need for lamination after printing. The reduced need for over-lamination delivers cost savings and minimizes production time.

MAKING PRINT AND CUT EASIER THAN EVER BEFORE

Mimaki's new ID Cut function has been designed to enable printer operators to contour cut multiple jobs with minimal intervention. Offering trouble-free, automatic cutting of consecutive jobs, it saves time and reduces potential material waste.

HIGHLY PROFITABLE. ULTRA-LOW RUNNING COSTS

The Mimaki UCJV Series has the lowest running ink costs per m^2 in its class, as a result of its innovative application of the latest LED UV ink technology and its sparing ink usage. The printer's ability to output to vast range of media, including low cost products combined with a highly competitive ink price ensures running costs are kept low and profits high.

An ID barcode is printed through the RasterLink6 Plus RIP along with the image, with the code including cutting and rotation information. The crop mark sensor reads the ID code and automatically executes cutting, ensuring all alignment and rotational requirements are observed.

ID CUT

Core Tech delivers unbeatable technology

MIMAKI'S CORE TECHNOLOGIES DELIVER AN UNBEATABLE COMBINATION OF STABLE PRODUCTION AND CUTTING-EDGE IMAGING QUALITY. INCORPORATING INNOVATIVE PROPRIETARY TECHNOLOGY, CORETECH OFFERS SIGNIFICANT ADVANTAGES FOR PRINT OPERATORS.

STABLE PRODUCTION

NCU
Nozzle Check Unit
automatically checks nozzle status and executes cleaning cycle when required

NRS
Nozzle Recovery System
substitutes defective nozzles to ensure uninterrupted operation

MCT
Mimaki Circulation Technology
periodically cycles white ink to prevent pigment deposition

HIGH IMAGE QUALITY

MAPS
Mimaki Advanced Pass System
reduces banding by dispersing ink drops between passes.

VARIABLE DOT
delivers high density print by removing the gap between dots

WCT
Waveform Control Technology
ensures high quality output by jetting almost perfect round ink droplets

UCJV300 *Series*

HIGH-SPECIFICATION LED-UV
PRINTER/CUTTER
with 7 colours and 4-layer printing

UCJV150-160

ENTRY-LEVEL LED-UV
PRINTER/CUTTER
with 4 colours and high cost/performance ratio

Connectivity

IN ADDITION TO USB2.0 CONNECTIVITY, AN ETHERNET
CONNECTION IS AVAILABLE ON THE UCJV150/300,
allowing several printers to be connected to one computer. Easy to install, it also
enables the printer status to be sent to a PC or mobile phone via the internet.

Software

MIMAKI'S SOPHISTICATED AND USER FRIENDLY
RASTERLINK6 PLUS RIP SOFTWARE MAXIMISES
THE PERFORMANCE OF THE UCJV SERIES.

Newly upgraded RIP software with increased functionality & user-friendliness

RasterLink 6 PLUS

New Functions
- [ID CUT] for consecutive cutting
- [Multi-Layer Print] for greater creativity
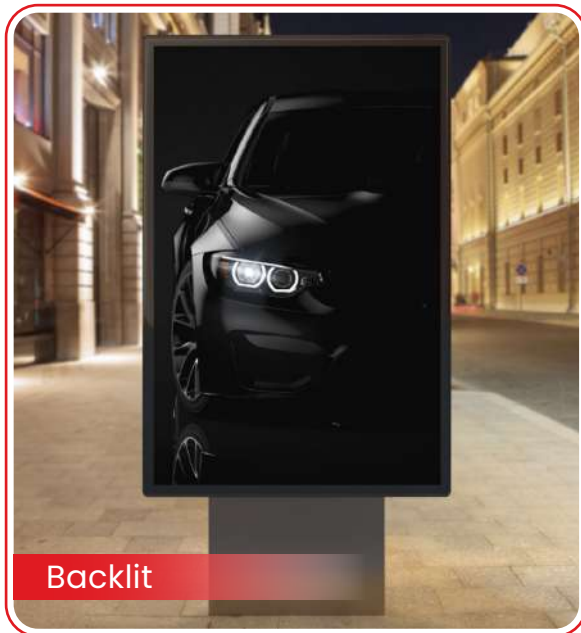- [Braille Print] for simple Braille text creation

New PDF handling including transparent effects
- PDF data with transparent effects is accurately reproduced

LEADING THE FUTURE
OF SIGN AND
GRAPHICS THROUGH
LED UV INNOVATION

Product Samples

Product Samples

Backlit

Banners and Posters

Carwrap

Window Decoration

Stickers

Wallpaper

Specification

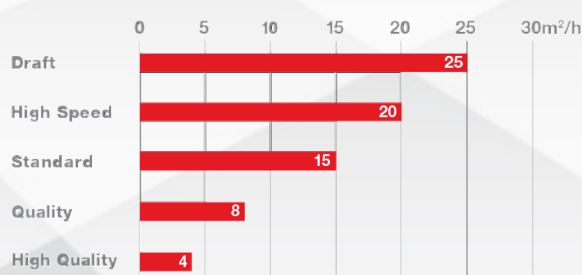| Item	UCJV150-160	UCJV300-75	UCJV300-107	UCJV300-130	UCJV300-160
Printhead	1 drop-on-demand piezoelectric head	2 drop-on-demand piezoelectric head (in-line configuration)			
Print resolution	300dpi, 600dpi, 900dpi, 1200dpi				
Drop size	Min: 7pl, Max: 28pl				
Head height	Manual adjustment (2.0/2.5/3.0mm from platen)				
Ink type	LED-UV ink LUS170				
Ink colour	4C (CMYK)	4C (CMYK) / 7C (CMYKLcLmW)			
Ink supply	1L bottle supply				
Max printing width	1,610mm	800mm	1,090mm	1,361mm	1,610mm
Max media width	1,620mm	810mm	1,100mm	1,371mm	1,620mm
Min media width	210mm				
Media thickness	1.0mm or less				
Outside diameter	250mm or less				
Roll weight	40kg or less				
Outside dimensions (W x D x H)	2,900 x 776 x 1,475mm	2,090 x 776 x 1,475mm	2,380 x 776 x 1,475mm	2,650 x 776 x 1,475mm	2,900mm x 776mm x 1,475mm
Bodyweight	183kg	139kg	156kg	172kg	188kg
Power supply	2x Single phase (AC100~120/200~240V +/-10%, 50/60Hz +/-1Hz)				
Power consumption	AC100V: 1.44kW / AC200V:1.92kW				
Operational environment	Temperature: 20~30ºC, Humidity: 35~65%Rh, Guaranteed temperature: 20~25ºC, Temperature inclination: +/-10ºC/h or less, Dust: 0.15mg/m³ (equivalent to office)				

*Specifications, designs and dimensions in this list may be subject to change without notice due to technical improvements or other modifications.
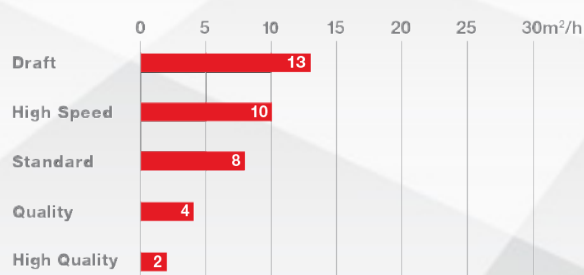
SUPPLIES

Part No.	Description	Pack Size
LUS17-C-BA-1	LUS-170 UV Curing Ink – Cyan	
LUS17-M-BA-1	LUS-170 UV Curing Ink – Magenta	
LUS17-Y-BA-1	LUS-170 UV Curing Ink – Yellow	
LUS17-K-BA-1	LUS-170 UV Curing Ink – Black	1 Litre Bottle
LUS17-LC-BA-1	LUS-170 UV Curing Ink – Light Cyan	
LUS17-LM-BA-1	LUS-170 UV Curing Ink – Light Magenta	
LUS17-W-BA-1	LUS-170 UV Curing Ink – White	
FL007-Z-BA	Cleaning liquid 07	

PRINT SPEEDS

UCJV300 (4C ONE-LAYER)

	m²/h
Draft	25
High Speed	20
Standard	15
Quality	8
High Quality	4

UCJV300 (7C ONE-LAYER) / UCJV150 (4C ONE-LAYER)

	m²/h
Draft	13
High Speed	10
Standard	8
Quality	4
High Quality	2

• Print with white ink at up to 5.4 m²/h

SYSTEM REQUIREMENTS (PC's)

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB or More
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports and PCIE Slot
Recommended Brand	Lenovo / Dell

* Note: You can use a laptop or desktop computer

* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

POWER REQUIREMENTS

Voltage Regulator	5000W Stabilizer

UCJV Series
THAT DOES IT ALL

Terms and Conditions

01. Payment to be made in SAR currency.

02. Payment Terms : As mentioned in Quotation.

03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.

04. Any charges, duties, taxes or levies at the ports of entry will be to our account.

05. The charges of loading, boarding and local conveyance of the technician will be to our account.

06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.

07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.

08. Warranty will be 12 months from the date of installation from Digital Star Machinery and Equipments. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Machinery and Equipments.

09. Service will be free of cost within 12 months from the date of installation.

10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.

11. Delivery: As mentioned in quotation