

Mimaki
AUTHORISED PARTNER

TS330-1600

WIDE FORMAT SUBLIMATION PRINTER

Sustainable Fabric Printing Solution

EXPERT PRINTING
MADE EASY



Fabric
Printer

Width: 1.6m

DIGITAL STAR QATAR
ديجيتال ستار قطر

SOURCE OF DIGITAL SOLUTIONS

Digital Star Qatar has been leading the digital solution in Doha, for more than 10 years as a supplier and distributors for the digital sector. Our commitment to providing the best quality machinery with advanced technology, which can help your business to expand more with successful outcomes.

The world has enabled us the opportunity to set ultra-standards in signages and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking wholesale solutions. We help the sectors like sign makers, digital print houses, POS/POP makers, fit-out companies, event managements, and glass & aluminium fabrication industries. we promise to take your business to stand head.

A large industrial machine, likely a digital printer or sign maker, is shown in a faded, semi-transparent style in the background. The machine has a complex structure with various rollers and components. The text 'TS280-1800' is visible on the top part of the machine.

***Best A Grade Quality &
Innovative Products***

All new TS330-1600 high-volume dye sublimation printer

GIVE YOUR CREATIVITY A GLOW UP



Unique features

Next level image quality

A higher image sharpness with more uniform density, while reducing banding even at low pass printing.

Stable operation

Throughput is increased while operator mistakes are reduced thanks to new and improved functionalities.

Versatile applications

With the variety of inks colours, including fluorescent colours, the range of vivid and eye-catching applications seems endless.

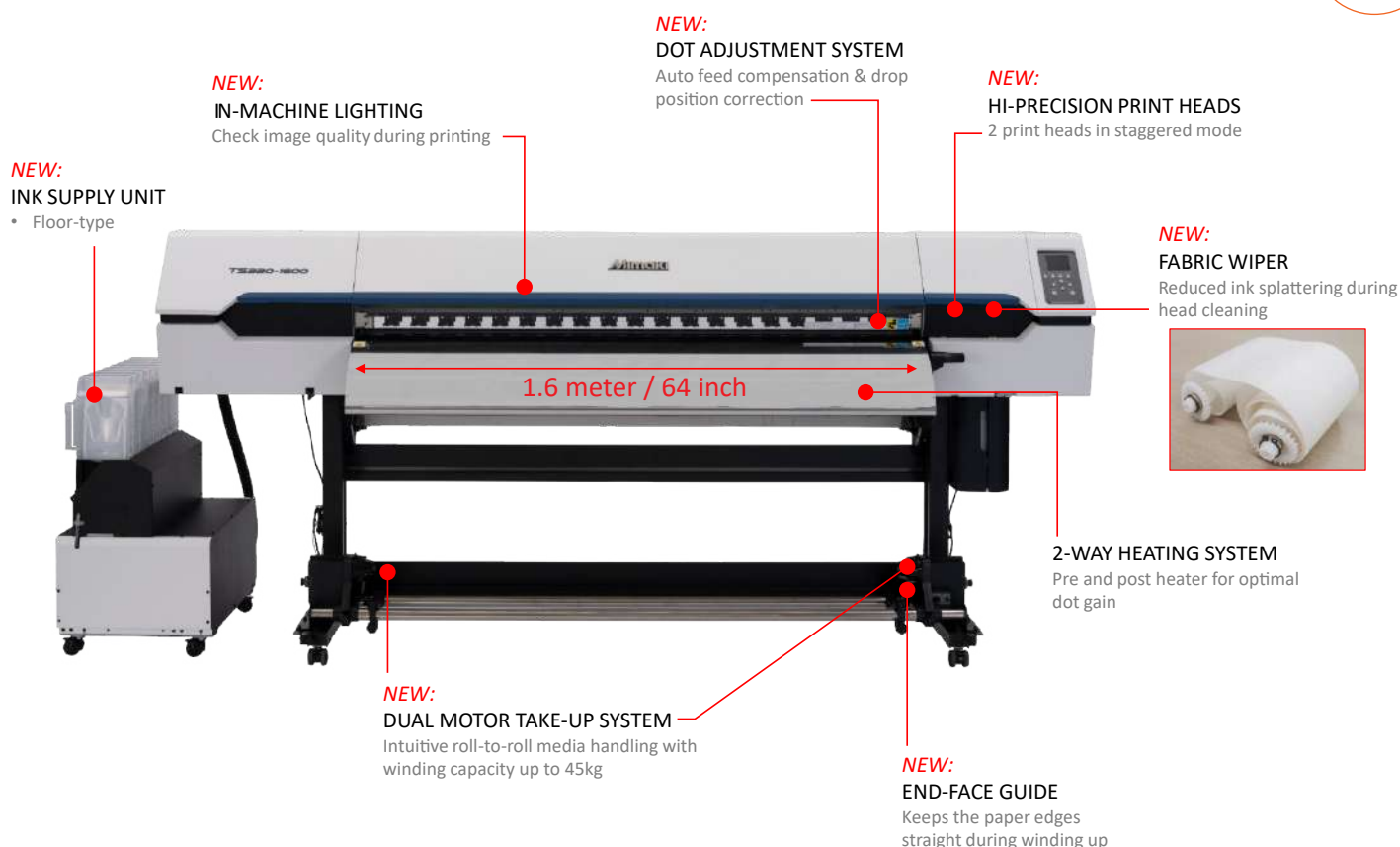
Scalable production

With the optional mini jumbo roll unit and the 10KG ink supply unit, you can scale up your production.

High quality 1.6m Dye Sublimation Inkjet Printer

The TS330-1600 is a dye sublimation inkjet printer achieving superb productivity and high image quality through Mimaki printing technology. Designed on a new platform, the printer incorporates improved conveyance mechanism and renewed usability, enabling stable and constant high-quality printing.





1. Mimaki Weaving Dot Technology (MWDT) - New technology realizing high image quality

A new drop technology "Mimaki Weaving Dot Technology" expressing high-quality images suppresses an impact on printing caused by the individual difference of the head and misalignment in stagger adjustment and optimizes firing order, thereby realizing more accurate ink landing.

This makes it possible to reproduce deep colors vividly without unevenness and realizes beautiful print quality.



Even and uniform solid coloring density at low pass!
Reduced banding with better solid quality.



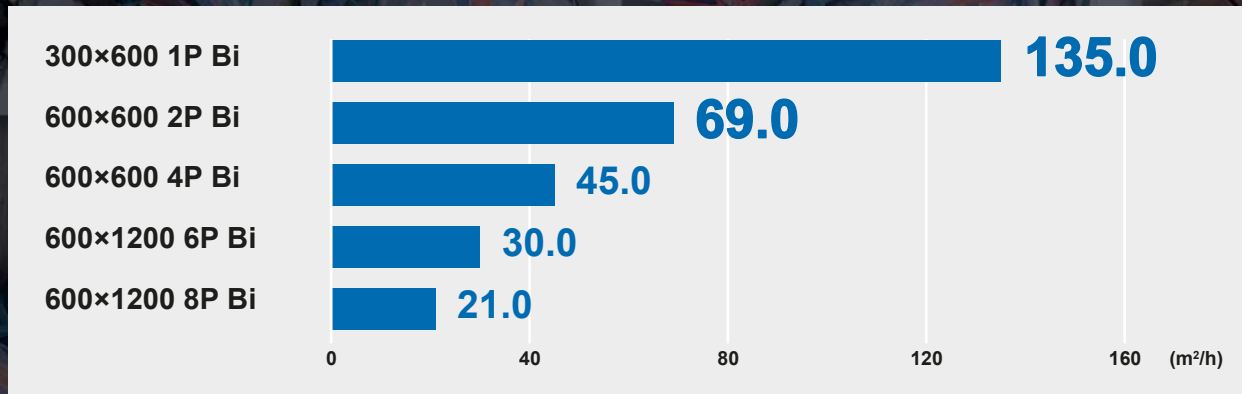
2. Improved production performance with high image quality

A wide range of print modes are available to suit your work, from the fastest mode of 135m²/h, to Draft mode of 69m²/h, and to High Quality mode of 21m²/h.

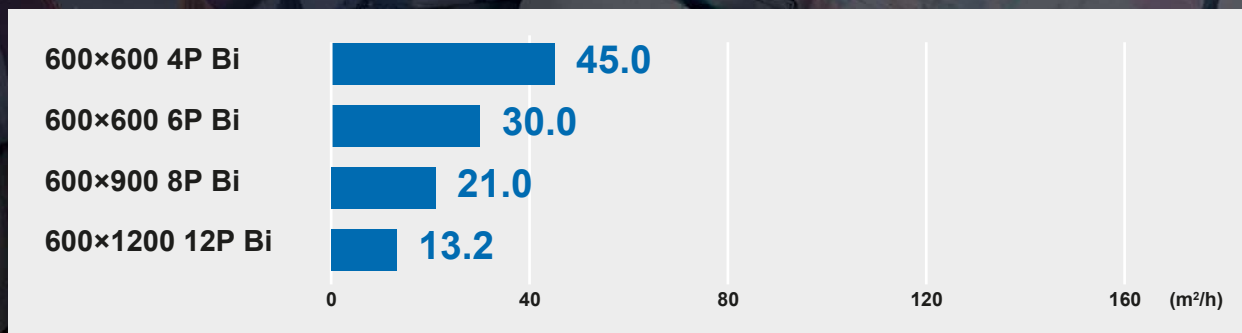
In Draft mode, it achieves about 138% productivity compared to our conventional machine (TS55-1800).

When outputting a 1200 x 2400 mm sized print, the number of printed pieces per hour has been improved from approximately 13 to 18 pcs., which will be able to meet the market needs for high production.

4C Ink sets



6/ 7/ 8C Ink sets



3. Two options for lower running costs in production

The "10kg ink tank supply unit" and the "Mini jumbo roll unit" are two options that can be used to reduce production costs.

The 10kg ink tank supply unit reduces the cost per cc compared to a standard 2L ink pack. The capability of continuous printing for a long time helps to reduce machine downtime, too.

The "Mini jumbo roll unit" can be used to load long transfer paper, further minimizing running costs.

Using 2L ink pack



Using 10kg ink tank Unit



4. New functions to ensure reliable long hour print operation

The motor of the take-up device is mounted on both sides. In conventional models, the drive motor was installed only on one side, but by installing it on both right and left sides, the force applied during winding is equal on both sides and improving the stability of winding.

The newly designed media-edge guide reduces misalignment due to media meandering, that ensures the print for a long time.



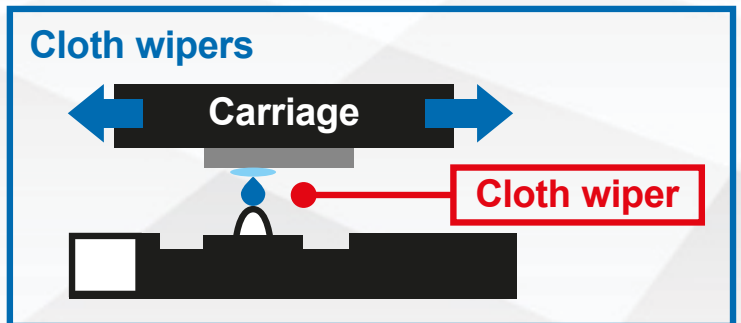
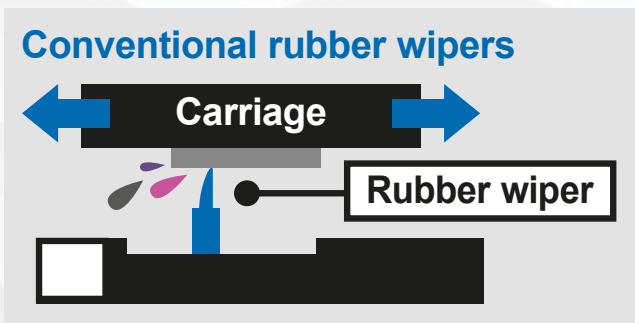
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5. New maintenance mechanism for improved usability

The new maintenance mechanism applies a cloth wiper that increases the removal rate of unwanted ink droplets from the nozzle surface. Compared with conventional scraping rubber wipers, the new wiping system soaks up unwanted ink droplets, reducing ink splattering on the head station.

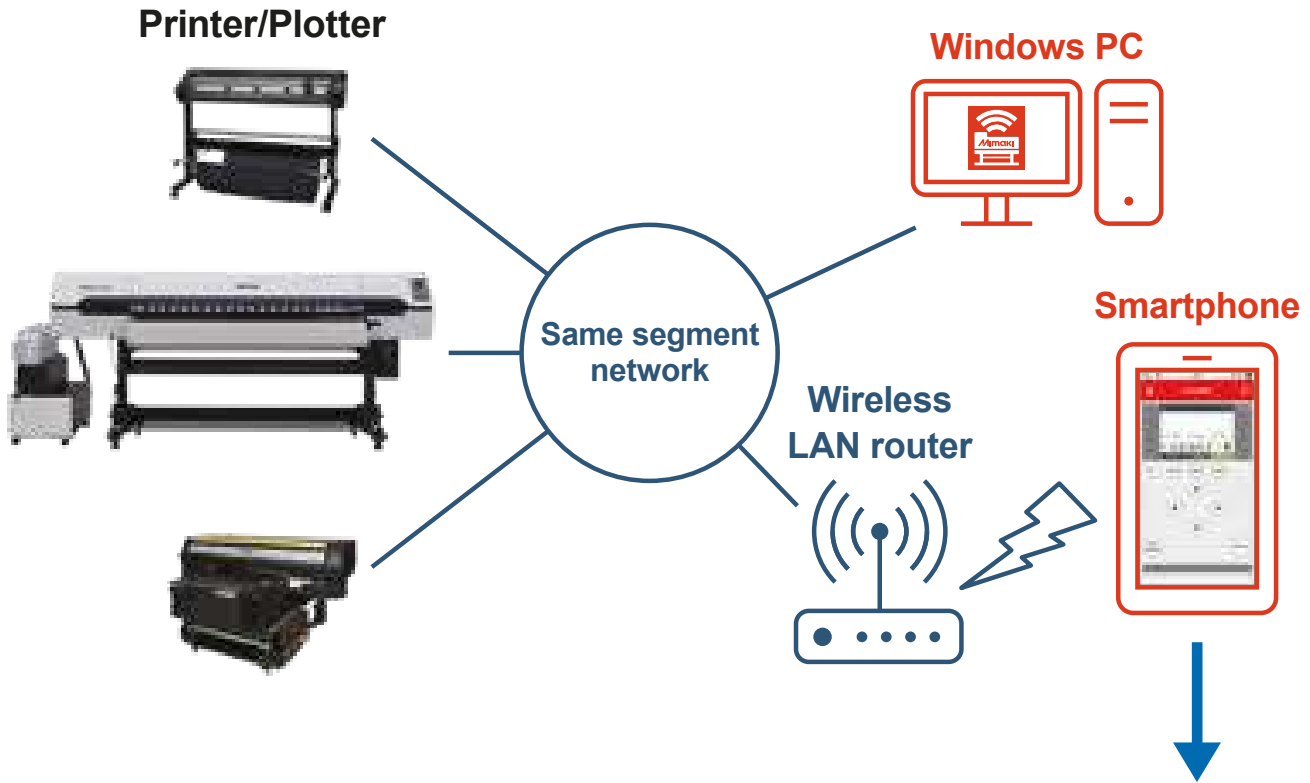
By reducing the frequency of maintenance around the head and cap, daily care becomes simple and the machine can always be maintained in optimal condition.



Easy daily maintenance and cleaning of nozzle surfaces

6. "Mimaki Remote Access (MRA)" enables wireless printer operation.

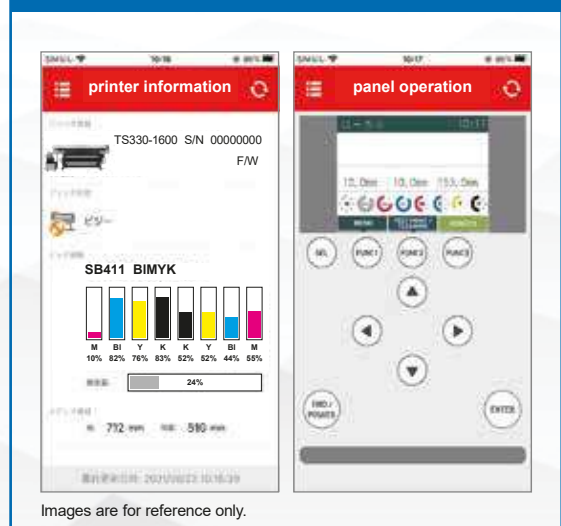
Enables you to check the status of your machine remotely from a smartphone or PC. This allows you to operate the unit and the panel from a distance, making the work more efficient.



TxLink™4 Lite

- Parallel RIP improving production efficiency
- 16-bit rendering for smoother gradation expression
- Fluorescent inks as a complementary color of process colors to achieve vivid color reproduction
- Possible to add logos, seam allowance and barcode etc. by Image add-on function

Remotely controlled from your smartphone!



Raster Link 7

Combination of upgraded usability and functionality

- Improves reproducibility of special effects (such as transparency) of PDF days
- Increase RIP processing speed PDF data by 25% on average
- Prints out the variable data by variable print function
- Displays frequently used setting and pop-up windows

Product Samples



FASHION



HARD SURFACE SUBLIMATION



OTHER FABRICS



PROMOTIONAL ITEMS



FLAGS



HOME & INTERIOR

Product Samples

Specification

Print head		On-demand piezo head (2 staggered layout)
Print resolution		300, 600, 900, 1200 dpi
Print gap		By manual 3 levels (3.0/3.5/4.0 mm)
Ink	Type/Color	Sublimation ink Sb411 (Bl, M, Y, K, Lbl, Lm, Lk), Sb410 (Fp, Fy)
	Capacity	2L Ink pack / 10 kg Ink tank *1
Maximum print width		1,610 mm (63.4")
Media	Max. width	1,620 mm (63.8")
	Thickness	1 mm or lower
	Roll diameter	φ250 mm or less
	Roll weight	45 kg or less
	Inside diameter	2 inch / 3 inch
Media cutting		Auto cutting by cutter of head unit *2
Interface		Ethernet 1000 BASE-T / (USB2.0 Hi-speed)
Certifications		VCCI class A, FCC class A, ETL IEC 62368-1, CE Marking (EMC, Low voltage, Machinery directive, and RoHS), CB, REACH, Energy Star, RCM, EAC, KC, UKCA
Power supply		Single-phase AC100-120 / 200-240V±10%, 50/60Hz±1Hz
Power consumption		Max.: 1,440 W or less / Standard: 800 W
Operational Environment	Temperature	20-30 °C (68-86 °F)
	Humidity	35-65% Rh (Non condensing)
	Re. temperature	20-25 °C (68-77 °F)
	Dust level	General office level
Dimensions (W×D×H)		3,170 x 820 x 1,305 mm (124.8 x 32.3 x 51.4")
Weight		240 kg (529.1 lb)

*Specifications are subject to change without prior notice, all rights reserved

*1 Lbl, Lm, Lk, Fp, Fy are only available in 2L ink packs and can be used with 10kg ink tanks.

*2 Cut shape can be V-shaped cut or straight cut.

Options

Item	Code
10 kg ink tank supply unit	OPT-J0529
Mini Jumbo roll unit for TS330	TS330 Mini Jumbo roll unit
Small relay box	OPT-J0370
Relay box2	OPT-J0407

■ Supplies

Item		Code	Remark
Dye sublimation (transfer) ink* Sb411 2L ink pack ECO PASSPORT certified ink	Blue	SB411-BLT-2L	
	Magenta	SB411-MT-2L	
	Yellow	SB411-YT-2L	
	Black	SB411-KT-2L	
	Light Blue	SB411-LBT-2L	
	Light Magenta	SB411-LMT-2L	
	Light Black	SB411-LKT-2L	
	Fluorescent Yellow	SB410-FPT-2L	
	Fluorescent Pink	SB410-FYT-2L	
Dye sublimation (transfer) ink* Sb411 10 kg ink tank ECO PASSPORT certified ink	Blue	TBD	Supported later
	Magenta	TBD	
	Yellow	TBD	
	Black	TBD	
Flushing liquid 03 220 ml		FL003-Z-22	Flushing liquid for head cleaning
Flushing liquid 03 2 L		FL003-Z-2L	Flushing liquid for ink replacement

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
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Terms and Conditions

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details:

Bank Name	Branch	Beneficiary Name	Acc #	Swift Code
Qatar Islamic Bank	Al Khour Branch	Digital Star Qatar	0111453200015	QISB - QAQA
IBAN: QA16QISB000000000111453200015				

4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. The warranty will be 12 months from the date of installation from Digital Star Qatar. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.
11. 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.
12. Delivery: As mentioned in quotation

DIGITAL STAR QATAR
ديجيتال ستار قطر

DOHA | QATAR | P O BOX: 47663



+974 448 34 486



info@digitalstarq.com



+974 441 63 788



www.digitalstarq.com