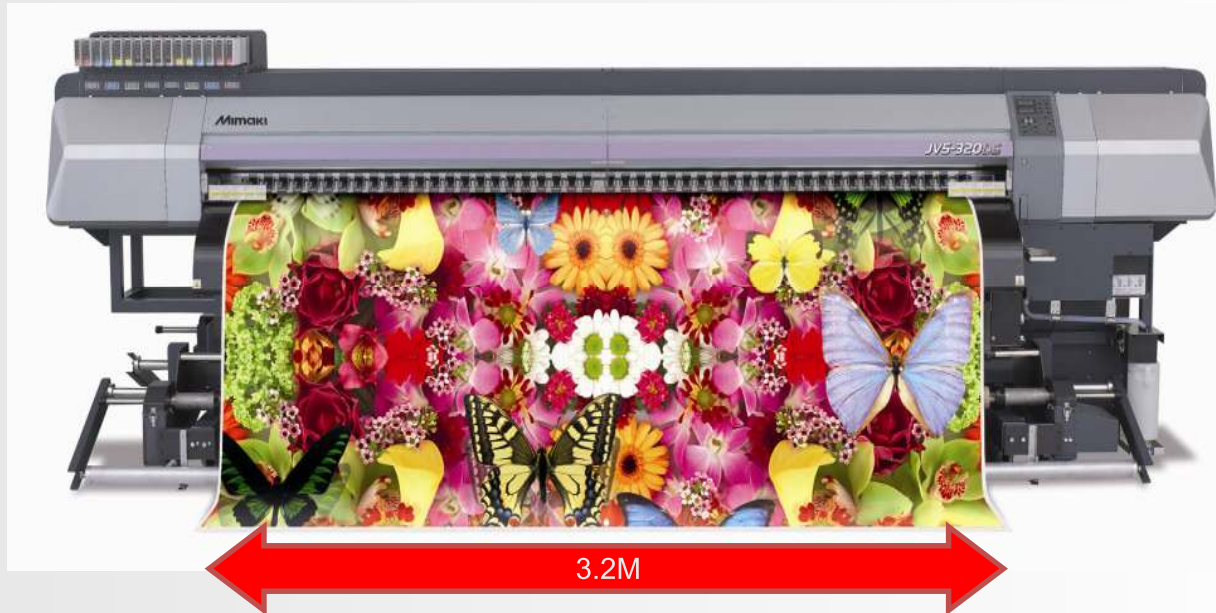


Direct Sublimation Print/Dye Sublimation Print

JV5-320DS



Ink type : Dye Sublimation ink Sb52 - 440ml cartridges or 2liter (with MBIS)

Features

1. Printable on media of maximum 3.2m wide by direct or use transfer paper and will provide high print image and high speed printing
2. Direct Sublimation Print is acceptable on treated polyester using ink receiving ditch.
3. Direct Sublimation Print provide highly print image in comparison with Dye Sublimation printing which use transfer paper.
4. Drying fan rapidly dry ink penetrated through back side of media.
5. Spray Suppressor System improved operation stability.

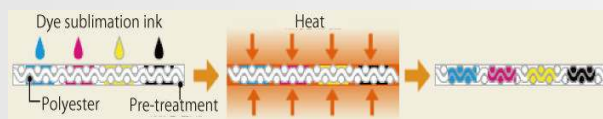
Succeeding functions of JV5-320S

1. Maximum print speed 62sqm/h (540 x 720dpi, 4 pass, in 4 colors mode)
2. Super high speed printing is acceptable by configured 4 high speed printing heads in 4 staggered lines.
3. AMF (Take-up/Feeding device) brings stable feeding the heavy media up to 130kg.
4. UISS (Uninterrupted Ink Supply System) provide constant unattended printing.
5. MBIS (Mimaki Bulk Ink Supply System [Option item]) lower ink costs.
6. NCU (Nozzle checking units [Option item]) saving the waste of media and ink.

How different of Direct Sublimation Print and Dye Sublimation Print

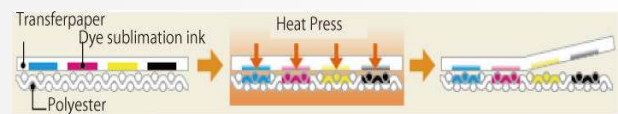
What is Direct Sublimation Print?

This method is a printing on the directly printable pre-treated polyester using dye sublimation ink and heating at post-treatment to have good color. No need of transfer paper and save cost with volume printing.

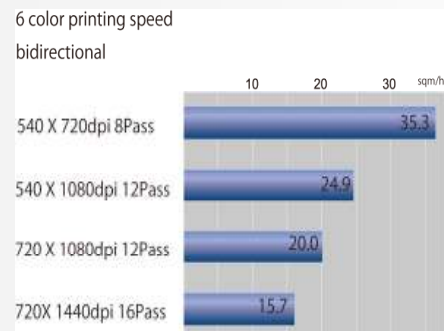
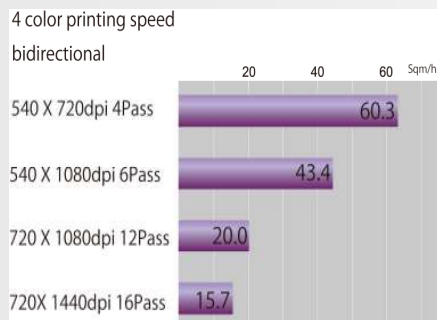


What is Dye Sublimation Print?

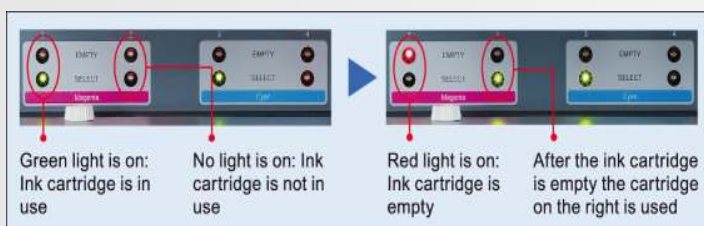
When heat the initially printed transfer paper with dye sublimation ink, ink will evaporate and enables to dye adhering polyester media. Evaporated dye sublimation ink will be accepted by spaces of porous polyester.



Print speed



Uninterrupted Ink Supply System (UISS)



When the ink cartridge runs out, another cartridge automatically begins to supply ink to prevent interruption of printing. A maximum of 1,760ml ink per color can be loaded at one time. Ink cartridges can be replaced during printing and overnight continuous printing is possible.

Equipped with Take-up device/Feeding device for various media size use.



Take-up device and Feeding device are the key technology of Large Format printer. In JV5-320DS, these devices securely feed heavy media up to 3,250mm wide and 130kg in weight with a tension bar to maintain constant media tension. A small take-up device which can adjust take-up tension is included. Both heavy and narrow media can be used with ease.

Specification

No	Item	Specification
1	Head	On-demand Piezo head
2	Ink	Dye Sublimation ink Sb52 □ BL,M,Y,K,NK,BB,LBL,LBB,LM,NRK,RK)
3	Ink set	4 color mode: 4 ink cartridges per color 6 color mode: 2 ink cartridges per color (4 cartridges for M & BL)
4	Ink volume	440ml ink cartridge, 2,000ml ink pack
5	Print speed	4 color mode: 60 sqm/h at 540dpi x 720dpi (4pass high speed in bi-direction) 6 color mode: 36 sqm/h at 540dpi x 720dpi (8pass high speed in bi-direction)
6	Effective printing area	Width: 3250mm (at cloth print), Length: 3290mm (at paper print)
7	Acceptable media	Pre-treated media for sign use, Dye-sublimation media
8	Media specification	Size
		Roll diameter
		Roll weight
9	Margin of printing area	Right and left margin of the roll: 25-50mm each (cloth) 25-36mm (paper) *Same margin is needed when using leaf media.
10	Heater	Pre-heater, Post-heater
11	Power	AC 200V - 240V±10%, Less than 30A, 50/60Hz±1Hz
12	Power consumption	Less than 7,200 VA
13	Dimensions (W x D x H)	5,170mm(W) × 1,610mm(D) × 1,640mm or below (H)
14	Weight	Printer unit 1,250kg (include ballast weight)
15	RIP Software (standard accessory)	RasterLinkPro5SG (RLP5 supports EPS, PS, TIFF, JPEG, and BMP)

Screens and printing samples in this catalog are artificial renderings. Specifications are subject to change without notice. All trademarks or registered trademarks are the property of their respective owners. Inkjet printers print using extremely fine dots, thus colors may vary slightly after replacement of the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to another unit due to slight individual differences.

MIMAKI ENGINEERING CO., LTD.

2182-3 Shigeno-otsu, Tomi-city, Nagano 389-0512, Japan
Tel: +81-268-78-2288
trading@mimaki.jp www.mimaki.co.jp

MIMAKI EUROPE B.V.

Stammerdijk 7E,
1112 AA Diemen, The Netherlands
Tel: +31-20-4627-640
www.mimakieurope.com



Mimaki-nbn GmbH
Gewerbstraße 11
D-82211 Herrsching
info@mimaki.de

fon +49 (0) 8152 92 22 - 0
fax +49 (0) 8152 92 22-77
www.mimaki.de

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