

Expand your business opportunity

with the innovative dye sublimation printer - the JV5 series



Grand format

width: 3.2m

JV5-320S



Speed Master

width: 1.3m width: 1.6m

JV5-130S/JV5-160S

Features and benefits

1. Head height adjustment prevents head strikes due to cockled transfer paper.
2. Feed thin and flimsy or thick and heavy transfer paper securely via the AMF (Automatic media feeder).
3. Continuous printing with the UISS (Uninterrupted Ink Supply System).
4. Features high density, fast drying sublimation inks for high speed printing and a dedicated RIP.

Applications for the dye-sublimation models

Soft signage: banners, flags, tapestry, (pos) display, pennants.
Interior decorating: wall murals, roll curtains, table cloths.
Sportswear: jerseys, shirts, jackets, swim suits
Rigid substrates: snow boards, mugs, ceramic tiles, etc.



The JV5 dye sublimation printer series shows strong friction and features high productivity and efficiency. This enables it to be used for sports gear and much more.

■ Head height adjustment to prevent head strikes

The head height can be adjusted by up to 7mm. This prevents the print heads from striking media deformed by the effects of high density printing.

■ UISS: Enables long and unattended printing

Two cartridges of the same color are loaded. When one cartridge is empty, the machine automatically switches to the other cartridge of the same color. Ink cartridges can be changed "on the fly". When printing in four color mode, 1760cc (4 x 440cc) of ink (per color) can be loaded. This enables continuous unattended overnight printing.

■ Stable high image quality printing with the AMF

AMF (Automatic media feeder) enables both thin and flimsy media or heavy substrates to be fed and taken up with high accuracy. This ensures high quality and stable prints on a broad range of media. JV5-320S features a small take-up device in order to use various widths of media.

*The AMF for the JV5-130S/JV5-160S is an optional item.



AMF (Automatic media feeder)

Small take-up device (JV5-320S)

■ The fast media dryer supports high speed printing

Before take-up of the media, a drying fan is employed in the JV5-130S and JV5-160S models. The JV5-320S uses a stronger post-heating device in order to enable smooth take-up.

■ Automatic nozzle checking

The status of ink discharge from the print head and any eventual nozzle clogging is quickly detected and cleaned automatically to reduce waste of both media and ink.

■ Ultra high-speed printing for volume orders

Don't compromise on quality: The JV5 dye sublimation series is built for quality and speed. Large orders can be accommodated speedily.

■ Specification

Items		JV5-320S	JV5-160S	JV5-130S
Print head		On-demand Piezo head (Array of 4 staggered print heads)		
Maximum print width		3,250mm (128")	1,620mm(63.7")	1,365mm(53.7")
Print resolution		540, 720, 1,440dpi		
Ink	Kind	SB51 Dye sublimation ink, Eco-PA1 ink		
	Supply	Uninterrupted ink supply system		
	Capacity	6 color mode: 440cc cartridge x 2/color, 880cc/color 4 color mode: 440cc cartridge x 4/color, 1,760cc/color		
Media	Size	3,300mm (129.9")	1,630mm (64.17")	1,375mm (54.13")
	Thickness	less than 1.0mm		
	Roll weight	130kg (286lbs.)	38kg (83lbs.)	
	Roll diameter	Inside: 3" Outside: 250mm(9.8")	Inside: 3" Outside: 200mm(7.87"), 250mm (9.8") with AMF	
Media cutting		Cutting in Y direction by cutter at the head		
Media heater		3 stage intelligent heater (Pre/Print/Post)		
Media take-up device		Roll take-up device (standard), Inside/outside selectable		
Interface		USB2.0		
Power specification		AC200-240V, less than 30A	AC200-240V, less than 15A	
Power consumption		less than 7,200VA	less than 3,600VA	
Dimensions	(W) × (D) × (H)	5,170 × 1,610 × 1,640 mm or below	3,120 × 1,050 × 1,540 mm or below	2,860 × 1,050 × 1,540 mm or below
Weight		less than 1,200kg (2,646lbs.)	less than 333kg (733.5lbs.)	less than 324kg (713.9lbs.)

■ Option and Supply

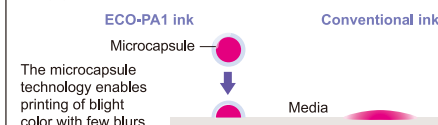
Item	Item No	Remarks
Dye sublimation ink51	SPC-0493Y·M·BL·K·LM·LBL	440cc/cartridge
Eco-PA1 ink	SPC-0537Y·M·C·K·LM·LC·LK	220cc/cartridge
JV5-160S AMF unit	OPT-J0161	
JV5-130S AMF unit	OPT-J0162	
Clamp SP set for thin media	OPT-J0150	JV5-130S/160S
Pinch-roller pressure reduction kit 130S	SPA-0138	JV5-130S
Pinch-roller pressure reduction kit 160S	SPA-0137	JV5-160S
F-Box kit for dye sublimation ink	SPA-0142	JV5-130S/160S
F-Bob filter set	SPA-0143	JV5-130S/160S
Cap head set*	SPA-0133	for water-based ink
Head cleaning cartridge	SPC-0259	220cc cartridge

SB51 ink

In order to accommodate ultra high-speeds of JV5 series, the drying time has been improved, so that media can be taken up at full speed. Color gamut and density of black ink have also been enhanced. The ink is less likely to blur in texts and illustrations next to high density color.

New Eco-PA1 ink

The latest microcapsule-type aqueous pigment ink provides excellent color reproductively and reduces ink blur.



New generation output software with 16 bit rendering is included as a standard item

RasterLink ProIII

*Currently the JV5-130S/160S/320S are equipped as standard with a cap head set (SPA-0133). It is required only for the printer delivered earlier.

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