Evolution. JV33 Series

State-of-the-art inkjet technology makes enhanced high quality / high speed performance a reality. Introducing an affordable, high performance, multifunction, solvent inkjet printer.

Overcoming the previously held misconceptions about solvent inkjet printers, the JV33 series has achieved enormous popularity ever since its release. Following in the footsteps of this revolutionary machine, the JV33 series was created. In addition to various enhancements which bring out a high quality print of 1440 dpi, the new JV33 series has increased print speed. With its goal to achieve ultimate cost performance, Mimaki’s flagship product has established high standards which set it apart from the competition.

Unique inkjet technology makes ultra-high resolution and high-speed printing possible

Compatible with high resolution and high speed

Newly developed high-speed print head

A newly developed high-speed print head containing 180 nozzles x 8 lines, allows for ease of assembly and calibration. With its increased print head accuracy, the JV33 delivers truly high quality print of 1440 dpi. In addition, the improved ink-firing frequency has improved the print speed by 20% over the JV3 series. Print quality in 4-color bidirectional mode is also improved using a "symmetric ink arrangement".

The new UIS5 improves operating performance by allowing continuous unattended printing

Automatic ink cartridge switching allows for longer print runs

UIS5 (Uninterrupted Ink Supply System)

UIS5 for continuous printing is standard on JV33 machines. The JV33 can utilize two cartridges per color in 4-color mode. When the ink cartridge runs out, another cartridge begins supplying ink and helps prevent running out of ink. A maximum of 860 mL ink per color can be loaded at one time. With 860 mL of ink loaded at one time, a 50cm (54ips) roll of media can be printed without interruption. Ink cartridges can be changed during printing.*

Creative inkjet technology and high quality ink provides ultra-high resolution printing

Precise control of ink firing reproduces details of photo image at a maximum resolution of 1440 dpi. Even edges of 4-color text are printed sharp and clear.

A variety of inks, including white and silver, enables you to create a wider range of graphics

From user-friendly solvent inks to aqueous inks

Four types of inks available

The two solvent inks feature high scratch resistance, high density, wide color gamut and high safety (Cyclhexanone-free). You may also select aqueous pigment ink or dye sublimation ink at the time of installation.

More vivid full color printing

White ink

Mimaki’s unique “White Ink Overlay Print” enables simultaneous printing of colors and white ink. When printing on transparent substrates, while ink underprinting enables printing of more vivid images.

Stunning metallic effects

Silver ink

Shining silver color gives your prints a metallic appearance. In combination with standard full color, gold and bronze and other metallic effects can be printed.

High volumes and lower ink costs

MBSII (Mimaki Bulk Ink System)

The bulk ink system using ink packs of aluminum achieves as stable and reliable ink injection as printing with cartridges. It is possible to use both 2-liter ink packs in combination with regular 320/443 mL cartridges for colors that are not so often used. In addition, detection function to prevent misprints without ink is also available. The bulk ink system is an eco-friendly ink system that produces less waste while achieving continuous printing.

Stable print quality

Head height adjustment

Head height can be adjusted to either 2mm or 3mm according to the media thickness. For the aqueous ink model, head height adjustment of either 4mm or 5mm** is available. [*adjustment by technician is required.

New function to revolutionize billboard signs

Double sided printing

Images on billboard signs are usually dark under daylight because they are printed twice. However, by printing both sides of banner, it is possible to create brighter and more vivid images in any lighting conditions.

Stable feeding of various heavy media

Automatic media feeder

The feeding and takeup device can accurately feed heavy media with a maximum weight of 2.5m (830 lbs.) 400cm (114") media can be fed with constant tension by means of the tension bar and the winding device. For less wide and lighter media, a standard takeup device is also available.