

Announcement of new inkjet printers: Grand format JV5-260S/320S and Wide format JV33-130/160S

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3.2m (128") unmatched high-quality print
Grand format Inkjet Printer

Faster and beautiful,
in addition a low price
Wide Format Inkjet Printer

Nagano Japan, May 28, 2007

MIMAKI ENGINEERING CO., LTD. today announced new Grand-format solvent inkjet printers JV5-260S and JV5-320S, and new Wide-format inkjet printers the JV33-130 and JV33-160. The JV5-260S and JV5-320S can print up to 3.2m (128") with a resolution of 540 x 1,080 dpi at a speed of 42m² (452 sq.ft./h.). The JV33-130 and JV33-160 create high quality prints at 540 dpi x 1,080 dpi with a print speed of 11.9m²/h (128 sq.ft./h), while maintaining an affordable price.

Mimaki introduced the JV3 in 2002. Last year Mimaki introduced the ultra-high speed JV5. However, as the market for solvent inkjet printers has matured we have discovered that the market has begun to divide into two segments. First, is the need to carry out high speed printing on a grand scale with higher print quality. The second is the need for lower-priced solvent inkjet printers which maintain rapid print speed and print quality.

"The two types of printers we are announcing today can satisfy the market's two main needs: First for grand format prints produced quickly while maintaining quality and second, the need for a more affordably-priced printer that does not suffer from lower print speed or lower print quality.

The JV5-260S and 320S are grand-format printers that have all the features of the smaller JV5's while maintaining high print speeds and high print resolution, even for very large format prints. Unlike conventional grand-format printers which make only low-resolution prints the JV5's have a high resolution setting of 1,440 dpi and can create high resolution prints at 540 x 1,080 dpi printing at a speed of 42m² (452 sq.ft./hr.). Signage created for up-close viewing can be printed at (540 x 720 dpi) at a speed of 60m² (645 sq.ft./hr). These models are equipped with feeding and take-up device to securely feed even heavy media of more than 100 kg (220 lbs.). The JV5's all have the same state-of-the-art functions such as: uninterrupted ink supply for continuous printing without worrying about running out of ink(UISS), and an automatic nozzle drop-out detection and recovery system. In addition **the new models are also compatible with both types of Mimaki's solvent inks: HS ink which has high scratch resistance and fast drying and ES3 ink which is safe and low odor for general offices without ventilation system.**

The JV33-130 and JV33-160 have the same print head as the JV5 series which has 8 lines of 180 nozzles (total 1,440 nozzles). These

print heads can increase print speeds by 30% over the JV3 series. Printing signage for up-close viewing can be created at (540 x 1,080 dpi) with a print speed of 11.9m²/h (128 sq.ft./h). Having only one head helps prevent against alignment errors when setting the heads. A symmetric ink arrangement (MCYKKYCM) and newly developed 16 bit rendering function of the standard RIP, allows for enhanced print quality. In addition to pre-print heaters, a post heater has been added to reduce the drying time of ink on media allowing for faster uptake of the printed media. The JV33 series is also equipped with a UISS for use during the 4-print mode. This feature allows the printer to produce large prints (long runs) without worrying about running out of ink. There are 4 types of ink available for the JV33 series; SS21 solvent ink including white, ES3 eco-solvent inks, aqueous pigment ink and dye sublimation ink.

Both new models of printer have standard RIP software (Raster link Pro III) which has a 16 bit rendering function for smoother gradation.

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