



Hilord Chemical Corporation

## Hi-Load™ Auto-Bulk System\* for the Mimaki JV4 Printer

### *The Only “Plug and Print” Bulk Ink System*

The Hi-Load™ Auto-Bulk System provides an uninterrupted supply of ink to your printer by specially designed ink cartridges equipped with a redundant ink level and ink filling system. The easy to replace 1-liter ink bottles prevent the ingestion of air pockets into the ink lines, which ensures continuous and worry free printing for hundreds of hours at a time.

### **Hi-Load™ Auto-Bulk System provides the following:**

- Liter bottles that hang directly on the printer
- No stands
- Can be used at either 110 or 220 volts, 50 or 60 cycles



### **Hi-Load™ Auto-Bulk System ensures:**

- Plug and Print, no manual priming needed
- Continuous ink supply
- Ability to change bottles quickly
- One (1) liter bottles
- In-line filters for dust control
- Totally automatic
- LED's display system status
- No printer intervention
- No need for chip resetters

*Hilord's Hi-Load™ Auto-Bulk System\* keeps you  
running with no mess or fuss!*

## *Procedure For Installing Hilord's Hi-Load™ Auto-Bulk System in a Mimaki JV-4 Printer*

### Materials List:

- One (1) Bulk Ink-Bay assembly with status indicator box
- Two (2) half-inch screws
- Six (6) coupler-tubing assembly (one for each color)
- Modified cartridges for the auto-bulk system

*Before installing bulk ink system, be sure to follow the Hilord ink installation procedure if previously using a non-Hilord brand ink.*

### Installation Procedure:

- Step 1.** Remove two screws from the side of the printer and attach the Bulk Ink-Bay assembly with status indicator box using the two half-inch screws provided. See Figure 1.
- Step 2.** Install the ink bottles in the ink bay. See Figure 2.
- Step 3.** Install all modified cartridges to the printer. See Figure 3.
- Step 4.** Connect the tubing to each modified cartridge at the bottom connector. Open the top connector for ventilation. Connect the other end of the tubing to the corresponding bottle in the ink bay. See Figure 4.
- Step 5.** Connect each data cable from each modified cartridge to the corresponding terminal on the indicator box. See Figure 5.
- Step 6.** Connect the system to power (110-220 VAC).
- Step 7.** Wait until all status lights indicate only "System - OK". (Green = System OK, Amber = Filling, Red = Overflow).
- Step 8.** Perform the "FILL UP INK" procedure from the OEM Manual.



Figure 1.



Figure 2.



Figure 3.



Figure 4.



Figure 5.

*Hilord's Hi-Load™ Auto-Bulk System\* is now ready for use.*

### Satisfaction Guaranteed

This product was the result of extensive ink research and development that included testing for compatibility with printer components. It produces exceptional color quality and offers excellent ink yield and printer reliability when correctly used in imaging applications in the Mimaki JV4 printer with 3M recommended media. Hilord inks are guaranteed to be stable and useable products for up to one year from the date of manufacture with proper use and normal storage conditions, and can be used with absolute confidence as a replacement for the ink originally supplied by the printer manufacturer.

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