

JV33BS series firmware version 3.30 has been released.

Nov 29, 2010

Changes:

Update version	Current version
3.30	3.20

JV33-130BS/160BS/260BS Main Firmware Upgraded

1) BS3 ink has been adapted.

- 1)-1. Before BS3 ink is first used, set BS3 ink to any of slots and then restart a printer so that the printer ink status will be changed to BS3 ink refilled.
- 1)-2. After the above procedure, adjust the ink drop position for Bi-directional printing by [MAINTENANCE]-[DROP.POScorrect]
- 1)-3. BS2 ink can be used with BS3 ink. However, requirements of inkjet are adjusted to BS3 ink. Therefore, color tone might be changed.

2) NOZZLE PROTECT has been added.

- 2)-1. While a machine is switched off for a long time during week ends or holidays, operate [NOZZLE PROTECT].
- 2)-2. [NOZZLE PROTECT] can be activated by [MAINTENANCE]-[ST.MAINTENANC]. Also, NOZZLE PROTECT can automatically be operated.
- 2)-3. Please refer to Operation Manual for details.
JV33-130BS/160BS Operation Manual (Document No. D201887 Ver.1.50)
JV33-260BS Operation Manual (Document No. D202018 Ver.1.30)

3) Initial setting of time interval for Routine setup and Sleep cleaning has been changed.

For nozzle protection purpose, an initial setting of cleaning time interval for [ROUTINE SETUP] and [SLEEP SETUP] has been changed to 8 hours.
When ink is initially filled or changed to BS3, the initial setting is applied.

4) Environmental temperature is checked before printing and when the temperature is out of appropriate tolerance, warning is indicated or print is waited.

- 4)-1. Appropriate temperatures for print start are $15^{\circ}\text{C} \leq \text{Environmental Temperature} \leq 40^{\circ}\text{C}$. Temperature is taken above the slider by the thermister.
- 4)-2. Operating condition is set by machine setting whether print is waited until temperature reaches desired degree or not.
- 4)-3. As indicated below, when the temperature is out of appropriate tolerance, one of warnings is shown.

**** ERROR 120 ****
ENVIRONMENT TEMP (LO)

**** ERROR 121 ****
ENVIRONMENT TEMP (HI)

- 4)-4. Please refer to Operation Manual for details.
JV33-130BS/160BS Operation Manual (Document No. D201887 Ver.1.50)
JV33-260BS Operation Manual (Document No. D202018 Ver.1.30)

5) Continuous alarm sound function is added when printing is stopped because of an ink error.

When this function is needed to be activated, please follow the parameter setting described below.
Customize parameter 77:INK EARM
Default value: 0 (Function Off), 1[Sec.]~ : Alarm sound interval setting

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6) Following requests and troubles are responded or improved.

Defects corrected/Requests	Remarks
[#TEST]-[LCD TEST] Pattern with all dots (7*5 dots) is added.	Requested by Production Engineering Dept.
Voltage depression because of power source defect may lead to Error 250 "Y COODINATES". In order to specify an error cause, which is motor-induced or power source-induced, an error indication of power source-induced is changed to "ERROR 03 / POWER 42V".	

Special Instruction

When the first power-on after the version-update, Maintenance parameter, Ink system parameter, Ink information parameter, Ink sequence parameter, Ink type parameter, Servo parameter and Test parameter are automatically initialized.