

JV34-260 & TS34-1800A firmware version 2.20 has been released.

Dec 16, 2014

Version Information	New Version	Former Version
FW-ROM	V2.20	V2.10
FPGA Version	PDC: V1.20 HDC: V1.30	PDC: V1.20 HDC: V1.30

Changes

The F/W ver.2.20 for JV34/TS34 series has been issued.

1. Relay BOX for external heater has been supported.

Relay BOX for external heater (OPT-J0292, OPT-J0377) has been supported.

It is required to change the parameter when installing relay BOX.

Please refer to the following documents for installation.

For engineer: Relay Box Support Kit (OPT-J0377) installation Procedure by Model (Document No. D501010 ver.1.0)

For users: Relay BOX (OPT-J0292) Operation Manual (Document No. D202182 ver.3.0)

Caution : In the case of printing with more than 3 seconds of drying time for each scan at user setting or RLP, the external heater will be turning ON and turning OFF repeatedly. This operation is not the defect of heater; it is the specification.

2. New ink IC has been supported.

The IC chips is newly supported according to the ink current IC chips is discontinued.

You don't need to change any setting for the new IC chips. Furthermore, there are no problems if new and old IC chip are mixed on the machine.

3. Adjustment of the waveform voltage for each nozzle line

Added adjustment of the waveform voltage for each nozzle lines as countermeasure against the following defect.

The defect: Generate bi-directional misalignment of the ink landing position or ink scattering due to the difference of the landing position of each S-M-L dot.

For the procedure of the adjustment, please refer to the following document.

-JV33 JV34 TS34 CJV30 How to adjust the waveform of voltage

4. We modified the following defects

No.	Contents
1	Modified the SYSTEM HALT when receiving the drawing data which is made by RIP other than Raster Link.
2	Modified the error message of [F/W Update TRANSMIT START] when turning on the machine.

Memo

When turning on the machine after the upgrade, the following parameters are automatically initialized :

Maintenance parameter, Ink system parameter, Ink information parameter, Ink sequence parameter, Ink type parameter, Servo parameter and Test parameter.