CJV30 series & TPC-1000 firmware version 3.30 has been released.

Feb 20, 2015

Version Information	New Version	Former Version
FW-ROM	V3.30	V3.20
FPGA Version	PDC: V1.40 HDC: V1.30	PDC: V1.40 HDC: V1.30

Changes

The F/W ver.3.30 for CJV30/TPC1000 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)
https://distributor.mimaki.co.jp/mypage/products_info_detail.php?mid=4&gid=2&iid=4288
 *Login to Mimaki Distributor & Dealer Support Website to access this link.
For users: Relay BOX (OPT-J0292) Operation Manual (Document No. D202182 ver.3.0)
https://distributor.mimaki.co.jp/mypage/products_info_detail.php?mid=2&gid=23&iid=4674

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, but the specification.

2. New ink IC has been supported.

The IC chips is newly supported because the ink IC current chips will be no longer manufactured.

You don't need to change any setting for the new IC chips. Furthermore, it's fine to use new and old IC chip together.

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 CJV30 How to adjust the waveform of voltage. https://distributor.mimaki.co.jp/mypage/products_info_detail.php?mid=4&gid=2&iid=4500

This version upgrade information is not targeted to distribute for the users because it is not urgent and does not involve all users.

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.