

MS MPx Firmware – Changelog

version 8.14.2 - 10/2/2026

- Real-Time/Error Logs integrated into MPFW to Improve Board Diagnostics without Meteor Report Downloads
- improved link visualization of web page on chrome
- Default values in web page
- waveform list visualization and wf import on web page
- fix of Print job number
- fix poweron time while resetting it
- improved vacuum fans management
- improved Ready state in case of warning
- Head supply ok input mapped to log for error detection
- info on ethercat components
- wrong power on time
- labels layout improved in web page
- acoustic signal on print break
- CCR of CAN fdrive
- wiping positions menu enhanced
- Red screen when X axis disable in JP4 3200 revamp because Xtemp
- Line Spacing enhancement on info page of Jp4 3200 revamp
- Excess log during wrong direction of Winder/UnWinder detected , fix log
- Posizione errata scritte etichette pagina web
- Heads temperature show in web page even heads are OFF for JP machines
- Durante autocleaning viene visualizzato messaggio generico che confonde la selezione fatta
- Segnalazione acustica necessaria quando si ferma la stampa
- MP-series - NON corretta visualizzazione del Safety SW CRC
- Implementare gestione errore lavaggio non in posizione MP5000
- MP3-4x00 con small roll - Unwinder unit|Jognot started

Version 8.08.09 – 23/07/2026

- headtemp graph fix circular buffer point
- Add light color to headtemp graph

- hide previous month data
- wrong M and N modalities for MPK 2CMYK printers
- Meter counter counts in negative on MP3100

Version 8.08.06 – 07/07/2026

- change strings for MP external devices
- remove http temperature value if heads are poweroff
- fix problem on headtemp change day

Version 8.06.10 – 18/06/2026

- fix bug when switch to torque with ext unw it remain. On MP5000 switch between Unwinder
Built in → External now works

Version 8.06.09 – 22/05/2026

- add HBL 6.7.4 support to fix Meteor error message while early abort command

Version 8.06.08 – 19/05/2026

- Fixed the buzzer that never stops ringing

Version 8.06.07 – 18/05/2026

- invert bars and remove white spaces
- Add HBL 6.7.3 fix crash on powerSpitting
- fix max width range in test width
- Update frameworklib pointer
- volume change. need PLC ver 1.1.94x or above
- buzzer if remote and one ink low level test1
- Remove ID_BALLERINI % not usefull

Version 8.06.06 – 11/05/2026

- Fix wrong levels when change test modality
insert lock for meteor operations
Fix import license

Version 8.06.05 – 08/05/2026

- winder sensor become winder dancer same for unwinder

- change error message PTC from dryer
- try to fix winder unwinder wrong direction restoring situation
- remove disable UI during spitting on idle
- restore "READY" message on interface
- unwinder limit error verbose log. to test

Version 8.06.04 – 07/05/2026

- Avoid turn off vacuum in multi pass test
- Fix "Ready" as status string

Version 8.06.02 – 06/05/2026

- Fix spitting on odd heads
- Fix blink on Ink supply + fix status message

Version 8.06.01 – 30/04/2026

- Fix import/export license procedure
- Add barGap parameter
- Fix import waveform problem from USB
- Add MBA kte waveform
- Wiper spray start stop default modified
- try to restore meniscus pressure more quickly is SMC distance is large
- Fix for headgap
- Fix QR fixed position
- Fix HBL version Number
- Add percent message for encoder test and fix precise step to 10enc
- ix slant/stack test straight lines
- Add lateral bars
- Fix license expire date
- inhibit Z home if front doors open
- Fix ortographics Zorzoni's errors :)
- avoid commands if cover open in many buttons, fix a zorzoni bug in switches cover open detection
- Fix stuck enable X axis

Version 8.04.45 – 22/04/2026

- remove older wf files type
- spitting error while WF send run
- adjust YAlignment test sequence colors
- New Default parameters
- Spitting stopped on colors with VI disabled
- Close capping if FillUp not running after a session
- Average speed negative in HTTP server fixed
- File name with special car fixed
- Change visual priority for inks and disable fill up if ink disabled
- Fix update message on heads reboot

Version 8.04.44 – 16/04/2026

- Fix reconnect procedure-
- Add RMS on diagnostic panel
- Update PLC version to 1.1.934

Version 8.04.43 – 15/04/2026

- Fix external dryer socket enabled on MP4100

Version 8.04.42 – 14/04/2026

- Fix problem on change head and download waveform + fix SN rebuild from kyocera string
- Spit with only enabled head rows
- Add katana waveform security
- Remove waveform editor
- Add enable/disable spitting logs and Fix average temp from selected head rows
- Fixed problem on view registration temperature in bidi test
- PMU Restore meniscus pressure timeout error and fault PMU
- Fix Pressure Roll temperature and heater temperature update even if not in running state, logs waiting for meniscus pressure in range
- Remove Fill up time from fill up button
- Close capping when fill up completed
- Press roll temperature offset management -5
- MP5000 Widener check

- Error message refactory
- CRC ERROR: la struttura dei files Media è stata aumentata in modo errato da quando abbiamo inserito l'“XCompensation”. Nella versione 42 è stata rimessa a posto ma naturalmente il CRC vecchio non coincide con quello ricalcolato. Per risolvere bisogna cambiare un parametro di uno dei Media set e salvare uscendo dalla pagina dei media. Questo fa ricalcolare i CRC giusti e sistema il problema.

Version 8.04.41 – 08/04/2026

- Fill up procedure fix for multiple selections
Remove Fill up timers
Pressure roll temperature fix min 30
Belt heater min temperature to 30

Version 8.04.40 – 02/04/2026

- Fix Fold sensors flag that was comment in PLC
- Change PLC Ver to 1.1.926
- Fix current position button in interface for fold sensor parms
- Remove verbose log if wiper CMD_SET_POSITION fails in framework
- Change Framework lib to 2.3.10

Version 8.04.39 – 01/04/2026

- Add sublimatic waveform 102
- Send waveform when head change
- Add log when voltage were changed
- Fix “test drop size” with new parameters

Version 8.04.38 – 27/03/2026

- Fixed some tests and one crash when matchprint send “passes number” to zero.

Version 8.04.37 – 23/03/2026

- Remove the check of warning on external winder/unwinder that prevent the printing even if ignored

Version 8.04.36 – 20/03/2026

- Z move speed reduced
- Double Z homing
- Trick to fix Z homing instability (2 Z homing one after capping)
- Avoid crash in if (Plotter.DevZ == NULL) in utilization for log abs position

- PLC Ver 1.1.896 (Z home speed reduced)
- Fix problem on bidi test scale
- Fixed problem on change stitching par

Version 8.04.35 – 16/03/2026

- Removed new ccm for 5000 winder back to 270IMAX
- change bidi test and parameters

Version 8.04.34 – 16/03/2026

- New CCM for Built in Winder 3000 3100 4000 4100 CTRL IMax to 400 instead of 270

Version 8.04.33 – 14/03/2026

- Z stepper abs encoder diagnostic
External Unwinder not ready and fault not signaled if buildin winder disabled

Version 8.04.31 – 06/03/2026

- resize graph info in page for 16x9
- resize log page for 16x9 gui
- Try to remove verbose log
- fix and add registered temp on bidir test rif. MSE-731
- M N new printing modalities

Version 8.04.30 – 05/03/2026

- Restored NumPad X Jog functionalities from HMI
- fix Jog and Current position button xposition in window

Version 8.04.29 – 04/03/2026

- Change Winder Unwinder motor limit speed in RPM to follow new Y speed

Version 8.04.28 – 03/03/2026

- PLC Ver 1.1.866 with new diagnostic traces for winder unwinder
- New initialization factory class with smart pointers and fix for error handler crash
- Removed verbose log for Upper Limit reached in winder
- Change slant/stack and check pattern test
- Set Bayer modality for stitching and masquerading
- Disable test and check bidir when heads are not initialized