

TS-1800 Versions EM 1.6.4.29 & PPC 1.6.17 TS-1800 Software Release Notes

January, 2022

New Embedded SW Features:

The following software features have been added in Version 1.6.4.29 relative to 1.6.4.21

- 1. Built In Tests at power up: The machine runs all HW component functional tests during the machine power up sequence and creates a report on the PPC.
- Second-layer alarm for dryer temperature: In order to prevent dryer fan shaft overheating, a SW safety mechanism was added. If the Dryer heater temperature is 40°C higher than the Dryer air temperature, the machine will stop.

New PPC Features:

The following features have been added to the PPC in Version 1.6.17

1. Built In Tests at Machine power up

The Build in Test (BIT) is a maintenance tab, when transferring to technician mode.

Here is an example of the output:

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Quality Improvements for versions 1.6.4.21-1.6.4.29:

The following defects have been fixed in Version 1.6.4.29

- Bug 5371: Despite the fact that PPC reported "The job failed", the job was running.
- Bug 5699: "No cone in winder" was reported, even though there is a cone.
- Bug 3800: BTSR length was read at the thread loading process.
- Bug 5203: Auto thread loading got stuck after 3 laps
- Bug 5770: Main board to Dyeing head board disconnected (job failed after 200m)

Quality Improvements for version 1.6.17

The following defects have been fixed in Version 1.6.17

- Bug 6183: Job set from PPC at 180% but output is 100%
- Bug 6223: No Color display on PPC screen when choosing color from Catalog
- BUG 6221: No LAB values display on PPC screen after choosing color from Catalog.

Known Issues

The following issues remain unresolved in Version 1.6.4.29

• Bug 3676:

Issue: The Tablet occasionally disconnects from the machine and reconnects after a few minutes.

Work-around: Wait five minutes for the tablet to reconnect to the machine.

• Bug 3251

Issue: Machine is in *Ready to Dye* mode while it is still warming up. If a job is run, the job fails and the winder gets stuck.

Work-around: Wait until the machine finishes warming up and rerun the job.

• Bug 3374

Issue: The dryer temperature is too high after a machine reset.

Work-around: Restart the machine and rerun the job.

• Bug 6057

Issue: in rare cases, the BTSR does not turn on to a green light.

Work-around: Click on the lower bottom of BTSR to turn it green.

• Bug 6069

Issue: Thread loading is running when the dryer front door is open

Work-around: Close the dryer front door.