

Heller Industries Inc.

Software log: Heller Oven Operating Program on Windows Vista

PN: 591753 Rev: A

<u>Software Version</u>	<u>ECN #</u>	<u>Change/Update Description</u>
5.0.0.1	9/29/2008	<ul style="list-style-type: none"> - Continuation from 4.0.1.8 (XP) version - Added 1914 (14 zone) model - Overview screen resolution changed to 1024 by 768 - Updated SECS/GEM capability - Added Lot tracking via SECS/GEM feature - Added Monitoring temperature feature using 2nd HC2 controller (serial communication to main HC2 ctrl). Monitoring HC2 driver version 9.0.0.0. - Added feature for Blower RPM data read via SECS/GEM - Added Belt speed range auto switch digital output option - Added Custom digital switch option - Removed default labels from I/O selection; only I/O numbers are displayed
5.0.0.2	10/6/2008	<ul style="list-style-type: none"> - Added HellerSECSGEM version 1.0.10.0 compatibility - VID 30554 is updated using UpdateUIVID, it was I4 type earlier
5.0.0.3	12/10/2008 Not released	<ul style="list-style-type: none"> - Recipe shadowing to allow recipe upload/download/delete when it is running (Heller SECSGEM) - Update setup wizard XML file to add channel table. - Update HC2 drivers to allow Offset entry program to work on newer build HC2 (with rev2 of Cirrus logic processor)
5.0.0.4	Rev-A ECN080069-000 12-29-2008	<ul style="list-style-type: none"> - Fixed a crash with Edit mode - Update HC2 drivers to allow voltage style inputs on TDM for belt - Fixed a rare issue related to TDM channel type read. This is related to K-type or voltage style i/p. J-type T/C was never implemented. - Coupler control rail fix for 3 rail 2 conveyor belt configuration.
5.0.0.5	Jan-20-2009	<ul style="list-style-type: none"> - Added Smema9851 interface option which addresses smema upstream signal. Upstream stays ready when product entering the oven until board length + board spacing is achieved, then signal goes to not-ready for 0.5sec and comes back to ready state to accept next board.
5.0.0.6	Feb-04-2009	<ul style="list-style-type: none"> - Fixed an issue where Smema(II or 9851) options were not getting set to the HC2 controller. This issue was noticed on a Vista OS and 5.0.0.5 version. - Fixed a rare issue where hot job was not getting loaded from a cooldown mode. As soon as recipe loaded oven was going into cooldown.
5.0.0.7	Mar-16-2009	<ul style="list-style-type: none"> - Added Smema with Belt Stop option (Cure Oven SMEMA) - When Belt SP=0, light tower stays Yellow

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5.0.0.8	Mar-25-2009	- Fixed issues noticed related to board spacing and SMEMA9851 with belt stop
5.0.0.9	Apr-15-2009	- Added settable belt stop delay for cure oven smema - Added option: new board delay for SMEMA 9851 - Added option: Entrance board Jam/Stop warning using predefined board length - Added option to disable board length from board drop calculation
5.0.0.10	Apr-24-2009	- Fixed an issue noticed on 5.0.0.9 for board drop not working under certain condition (while board is entering if exit sensor is blocked). - Board entrance and exit Stop are made independent of animation /brd count when predefined board length is selected. - Heat channel PB=15 as a new default value; old value was 25. - Added a function for KIC to check if oven is in Remote or Local control.
6.0.0.0	June-12-2009	- Continuation from 5.0.0.10 - Fixed: in 5.0.0.10 if SMEMA9851 is enabled without board animation, then entrance and exit part of smema did not work. - Oven Barcode Program compatibility - VIP mode option for Samsung. Create vip or vip.txt file in c:\oven folder and then run oven program to activate VIP mode - Feature added: Auto log down to operator level - Feature added: Auto acknowledge warning when click OK on pop up message
6.0.0.1	July-13-2009	- Bug fixed: auto log down to operate mode: once log down to operate mode, SP can still be changed - Bug fixed: - autopurge/standby option did not worked for closed loop Dansensor control. High flow o/p stayed on even after purge timeout. Without closed loop, once low flow is active, purge is not activated by sensor input. Note: For Autopurge/standby option, all entrance sensor inputs are always active even board/smema opotiona are not selected. - Bug fixed: 1913 model with cool zone1 heater setup, cool zone PV was grayed out. 1914 model: zone 14 PV were grayed out.

