KMX Software Change Log

KMX version 1.2.7
- Fixed issue with servos not re-enabling correctly after E-STOP is pressed during JOG motion.

KMX version 1.2.5
- Fixed issue with Error and/or Fault Number not displaying correctly
- DRO screen resolution while in metric mode changed from .02mm to .01mm.
- Fixed issue with Hardware Tester where some inputs not working correctly

KMX version 1.2.3
- Fixed issue where spindle doesn't turn off at tool change
- Fixed issue with attempting to define a program name with a hyphen character
- 2nd attempt at fix where intermittently when running a 2 axis arc, the toolpath will stray outside its programmed geometry
- Fixed issue with code 400 not working on KMX offline
- Fixed issue with LOOK preview in PROG I/O not drawing correctly.

KMX version 1.2.2
- Added support for alpha characters in Prog IO screen.
- Added alpha numeric matrix to ProgIO and PROG screen.
- Fixed issue with running 2 axis arcs, the center point would intermittently be incorrect resulting with a bad toolpath.
- Fixed issue with Verify software intermittently crashing

KMX version 1.1.28
- Fixed issue with previous beta version where Verify did not work at all.

KMX version 1.1.27
- Fixed scenario where very intermittently machine may fault out with error 194.
- Fixed issue with copy repeat and rotate not handling circle pockets properly.

KMX version 1.1.25
- Added service code 550 to adjust P Gains.
- Fixed scenario where enabling glass scales may cause instability.

KMX version 1.1.19
- When opening a PT4 program that contains a HOME position defined, the HOME values appeared in the SETUP -> HOME screen, however the machine will run whatever the HOME values were previously set to before the user opened the PT4 program.
- Fixed a scenario found where after touching off multiple tools that did not include tool #1, the DRO would not display the correct tool offset for the tool # that was displayed.
- Added fix for scenario where the VERIFY screen would intermittently crash with the message "Application PT11-UserInterface.exe encountered a serious error and must be shut down"

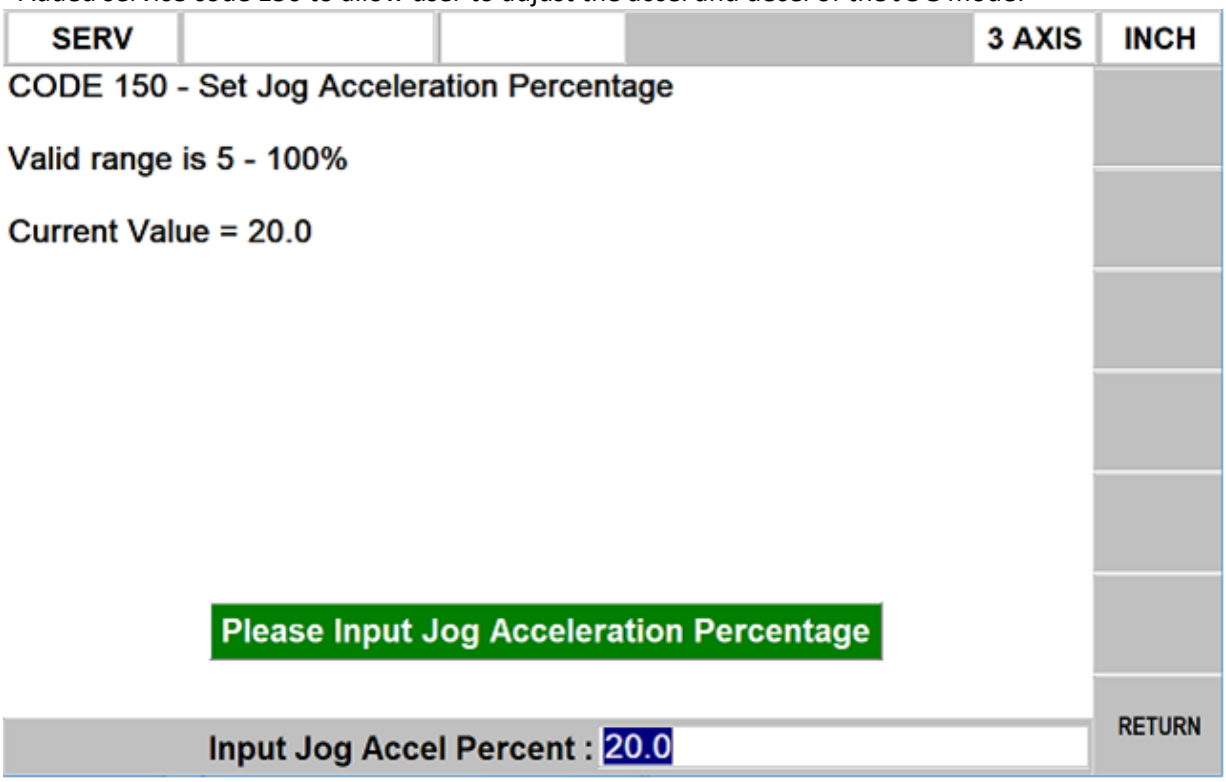
Version 1.1.14 Beta
- Fixed issue with indexer I/O not working correctly.
- Fixed issue that made it possible for a 2 axis kneemill to generate a Z axis servo fault.
- Fixed issue where enabling limit switches on 2 axis kneemill would generate a fault 186 upon bootup.

Version 1.1.11 Beta

- Fixed issue with machine ID 139 (3 axis kneemill with manual Z quill), where turning on Electronic Handwheels would also turn it on for Z axis, resulting with unexpected behavior.
- Fixed issue with not being able to open programs from previous ProtoTRAK controls that had fixtures previously defined but disabled. The KMX should be able to open any program that has fixtures disabled, or enabled and the program only have 1 fixture defined.

Version 1.1.10 Beta

- Fixed an issue with 1.1.7 where attempting to cablibrate the quill produces a Windows application error. 1.1.6 did not have this problem.
- Improved issue where some machines are off by .0005" when RETURN ABS 0 is used.
- User will now be able to switch between inch and metric mode during PROG mode.
- Fixed a problem where in POWER FEED, the feedrates are not being displayed correctly when overrides are used.
- After using JOG, the servos will now stop quickly. Previously they would slowly creep to a halt.
- Implemented service code 400 for foreign language support.
- Fixed an issue found where a machine was intermittently showing the error "Current pointer and ExecuteCmd do not match".
- Fixed issue on machine id 139 (legacy style 3 axis kneemill) where Z limit switches would not work correctly.
- Running code 11 now stores the values into code 128 for future reference.
- Adjusted the accel and decel of JOG mode, such that older servo amps would not fault out, and the axis will no longer drift after jogging an axis.
- Added service code 150 to allow user to adjust the accel and decel of the JOG mode:



Default value will be 20%. Input a lower value to lower the accel / decel, in the event that the system faults immediately after attempting a JOG. You can also higher the value if you deem the default to be too sluggish. Note that this ONLY affects JOG mode.

Version 1.1.7 Beta

- Fixed issue with machine ID 130 (3x kneemill with EHW on Z) where if no EHW were present on X and Y, the servos would still be locked in DRO mode.
- Included the fix for older servos faulting during JOG, the previous 1.1.6 version did not include this fix properly.