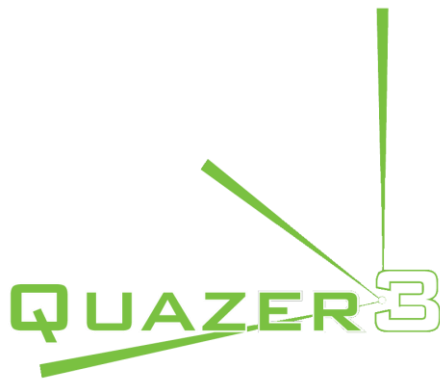




April 2014

Quazer™ 4.5/Strategist™ 2.5 Release Notes

Quazer™ 4.5 is the new version that supports the new generation Quazer™ III machine.
The new version is being released with a new Strategist™ 2.5 which contain new additional features and full support to new 4.5 Quazer™ III version and latest 4.22 Quazer™ II version.





Quazer™ 4.5

New Features / Modification:

Quazer™ III support – the new Quazer™ 4.5 version supports the new generation of Sarin laser sawing machine - the Quazer™ III (no backward compatibility to Quazer™ II)

Pie shaping (single glue) sawing capability (with the use of Strategist™ 2.5) - combined with Strategist™ setup station, the new Quazer™ III provides an automatic pie sawing capability and requires only a single and simple setup procedure.

New controller and motion system – the new Quazer™ III contain state of the art controller and monitored motion system. Smooth motion strokes provide extra smooth surface quality that minimize the need for polishing. In addition the system is equipped with feedback motion engines that insure strict monitoring of the machine axis movement thus increasing stone processing safety.

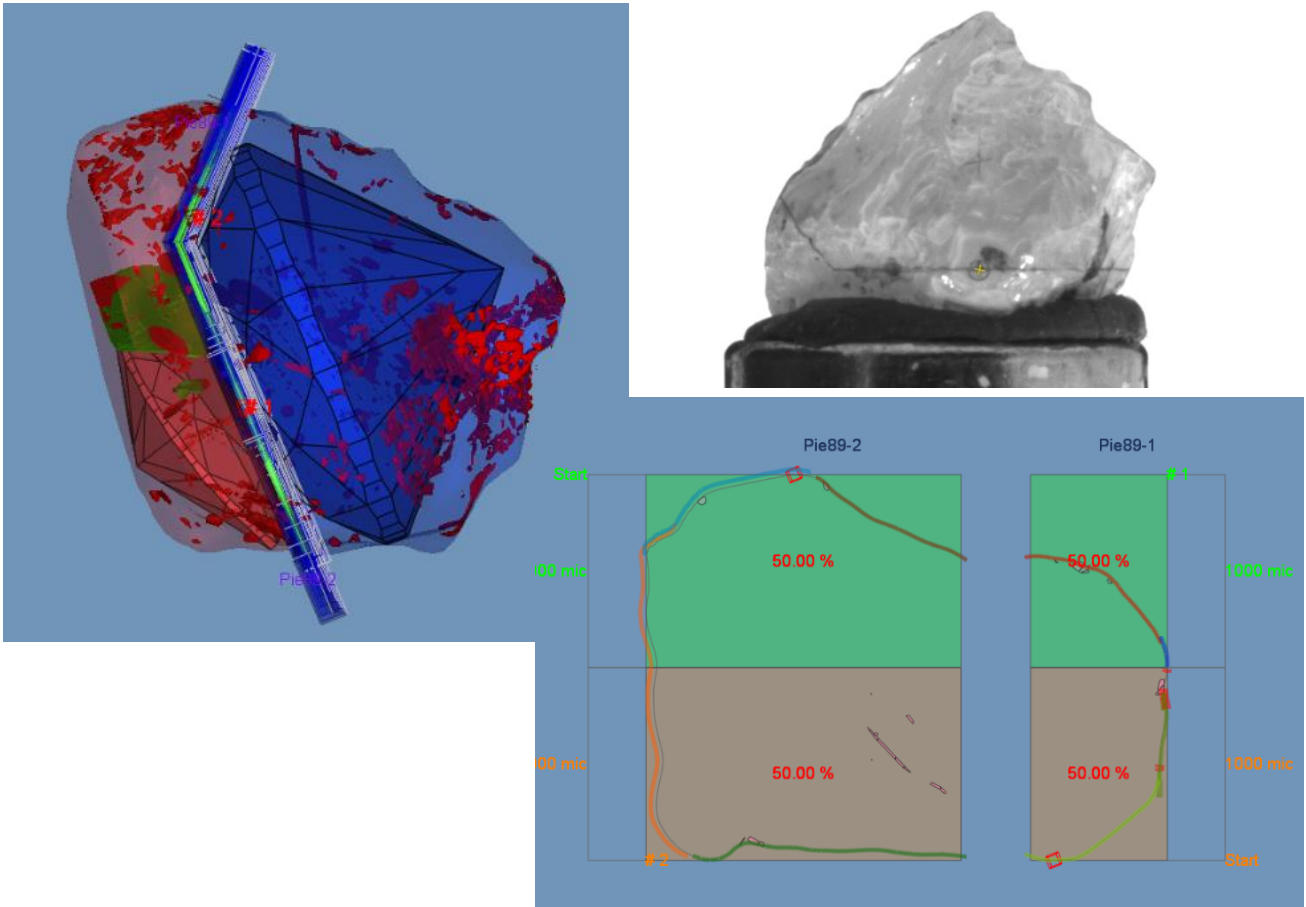
Lower maintenance - Fully sealed optical path prevent dust from accumulating on the optical parts and burn them thus reducing machine maintenance downtime and pro long laser beam stability and increase overall machine productivity. In addition new focus lens assembly with removable protector and illumination light assembly also insures fast and easy cleaning of the system.

Strategist™ 2.5

New Features / Modification:

Pie shaping (single glue) – pie sawing using a single setup process is now possible with the new Quazer™ 4.5 (possible on Quazer™ III only) and Strategist™ 2.5.

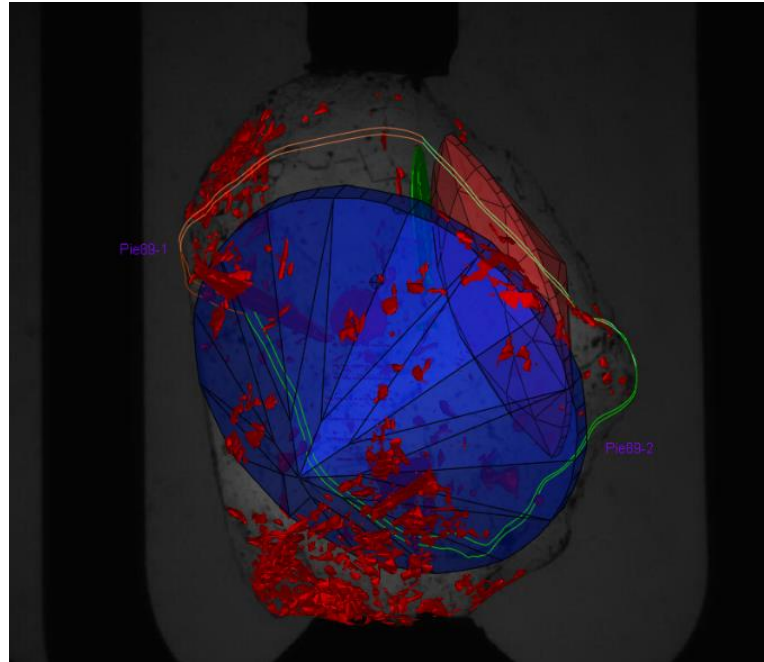
The new pie shaping process allow the user to glue the stone and perform a **single** setup (to each pie group)! This new solution insures accuracy, reduces human errors and increases the overall productivity of the pie sawing process. This feature is another step in Sarin ongoing effort to make the pie sawing easier to plan and execute.



Strategist™ 2.5 pie shaping 3D view, live stone view and 2D planning screen

64 bit support – in addition to the standard 32 bit version the new version supports 64 bit operation system allowing better application stability and stone loading flexibility.

Full compatibility to Galaxy stones – Strategist™ 2.5 offers full compatibility to galaxy stones including heavily included stones and big size stones (while working with 64 bit version) thus removing current limitation in working with this kind of stones.



Galaxy stone view

Asymmetric and users shapes Support – the new Strategist™ now supports advisor cap files with user asymmetric shapes as well as customize user shapes

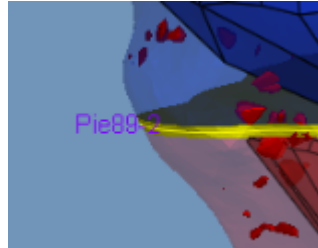
New banding shrinking mechanism – Strategist™ 2.5 is equipped with a new banding mechanism that allow the modification (shrinking) of the banding stripe size thus allowing the user more efficient planning of the banding stripes around the stone especially in concave areas.



Banding stripe on Strategist™ 2.5



Saw plane name on 3D display – saw plane name now appear next to each of the saw planes in the 3D view giving the user better orientation of saw planes in the stone



Auto snap shot logging of 2D – allow the user to verify the planning that was done in Strategist™ and in case if need in future after process the stone.