

Big Step

On this page:

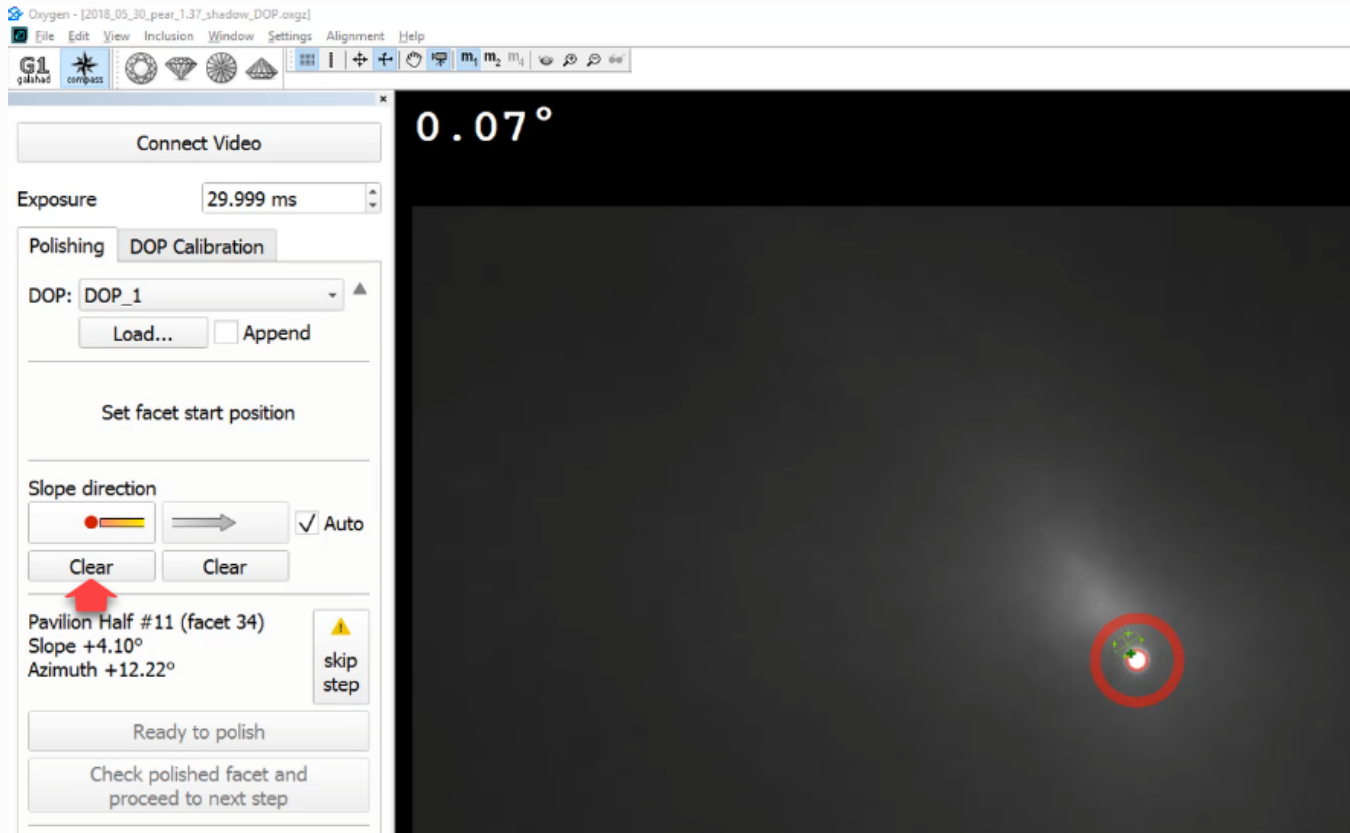
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Overview

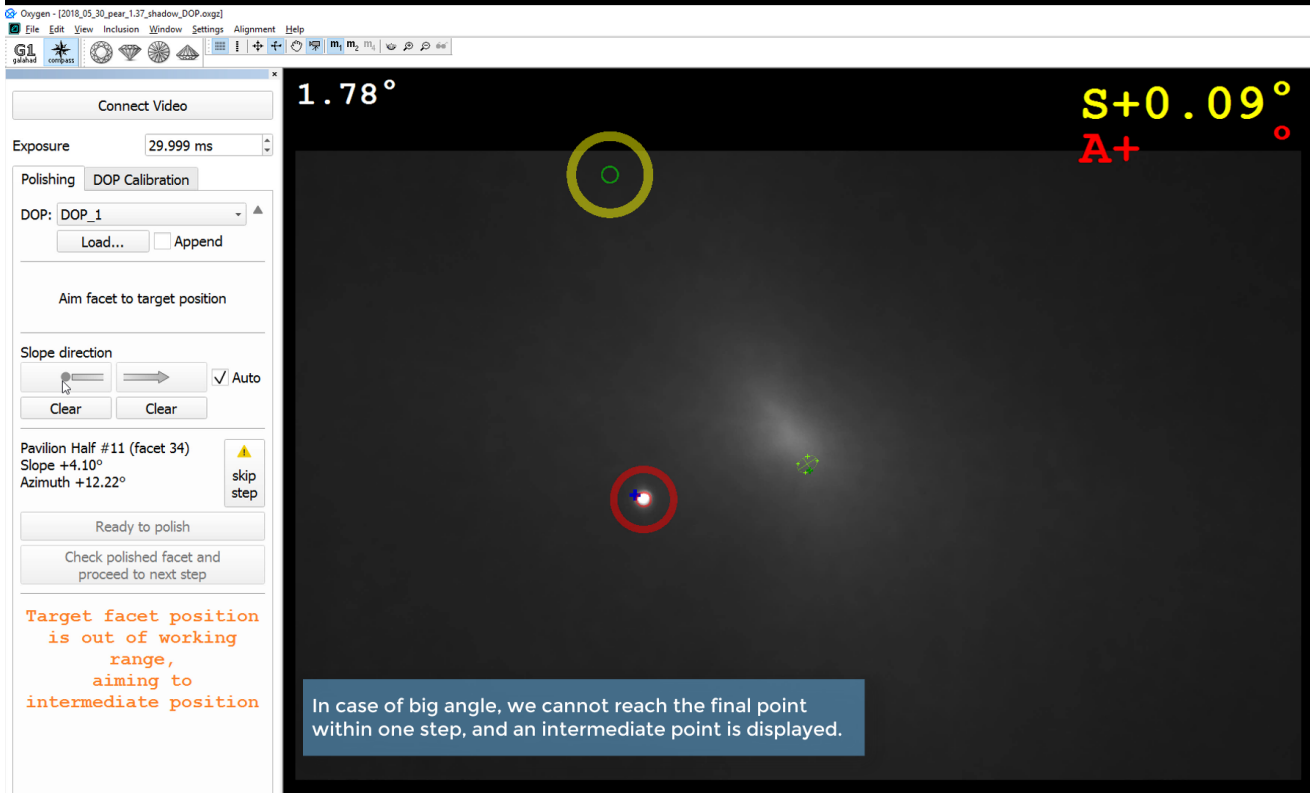
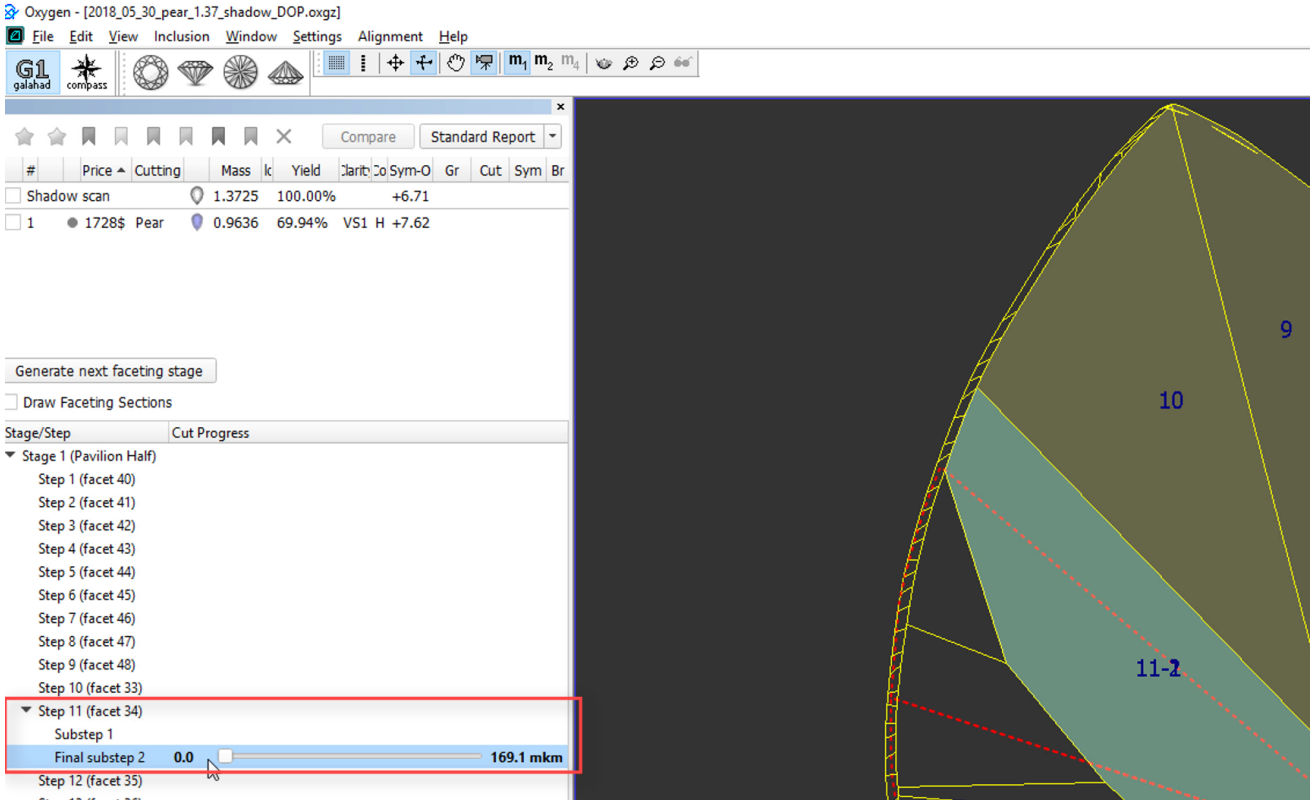
In Galahad Compass, the field of view is limited. Because of this limitation, sometimes it is impossible to polish the facet to the target state within 1 step. In this case, the system automatically builds intermediate facets which allow polishing all the facets even if the initial semipolished stone has only one big facet.

Your browser does not support the HTML5 video element

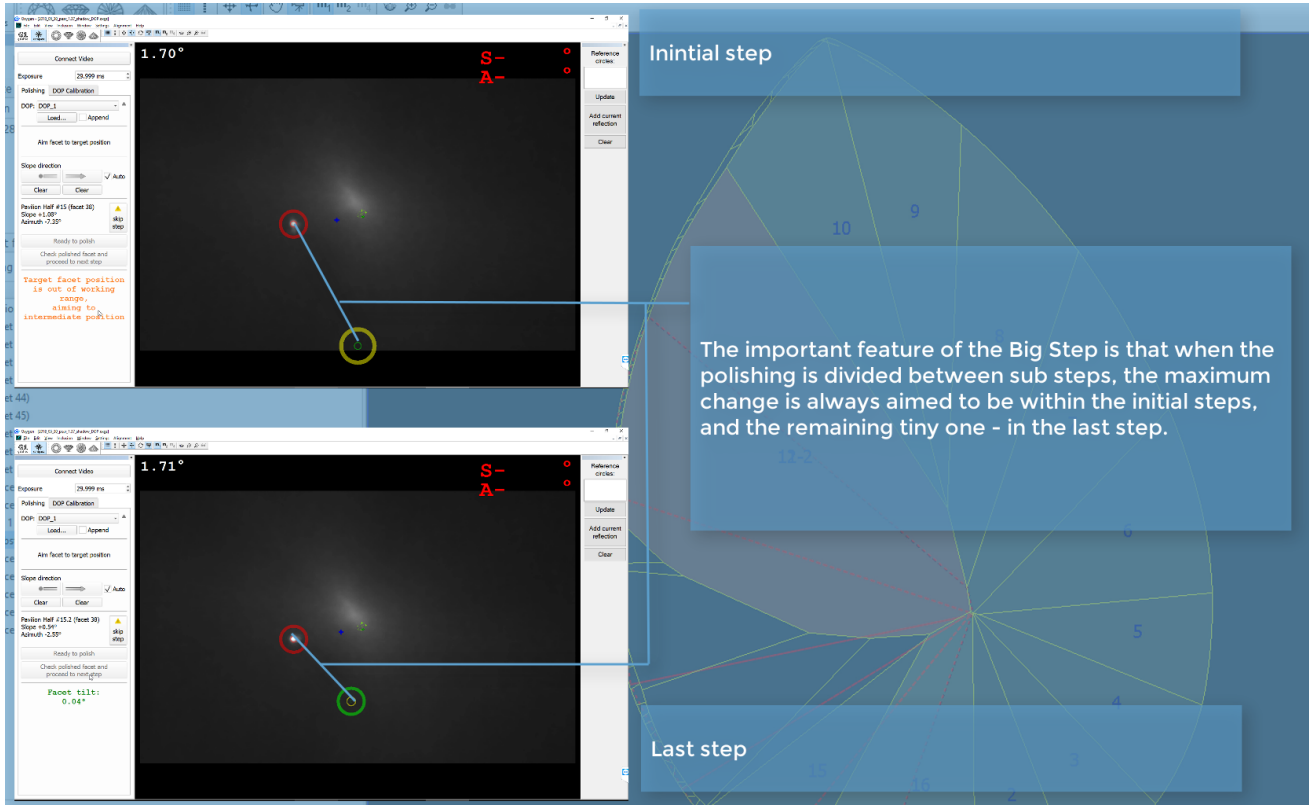
Note that after the direction and zero is set for the first sub-step, the system will automatically use the same direction for all following sub-steps. If you need to change the direction manually, you still have the ability to do that: use the **Clear** button and then set the new direction in a usual way.



The screenshot shows the Oxygen software interface. The main window displays a large dark area with a small red circle and a green dot in the center, representing the facet being calibrated. The top left shows the file name "Oxygen - [2018_05_30_pear_1.37_shadow_DOP.oxyz]". The top menu bar includes File, Edit, View, Inclusion, Window, Settings, Alignment, and Help. The toolbar contains various icons for file operations and settings. The left sidebar has a "Connect Video" button and a "Polishing" section with "DOP Calibration" selected. The "DOP Calibration" section shows "DOP: DOP_1" and "Load..." and "Append" buttons. Below this is a "Set facet start position" section. The "Slope direction" section shows a color bar and a "Clear" button. The "Pavilion Half #11 (facet 34)" section shows "Slope +4.10°" and "Azimuth +12.22°" with a "skip step" button. At the bottom are "Ready to polish" and "Check polished facet and proceed to next step" buttons. A red arrow points to the "Clear" button in the "Slope direction" section.



For the big step, two or more sub-steps can be created if necessary. When the polishing is divided between sub-steps, the maximum change is always aimed to be within the initial steps, and the remaining tiny one - in the last step.



Related Pages

- [Big Step](#)
- [DOP Click Correction](#)