

OGIRough Software

Advance Rough Analyzer

OGIRough analyzers provide the most innovative method for determining the optimal yield of a rough stone. Each one of the suggested models will measure your stone, analyze its dimensions and show you the best way to achieve the optimal completed diamond. It will present a 3D simulation of the analysis results, as well as comprehensive numerical information organized in charts and diagrams, intended to help you decide the best way to process it.

The maximal weight and maximal value of the predicted polished diamonds are taken as the optimized criteria in accordance with the 4C's.

The predicted color is set by an operator or transferred from a rough color machine.

Our laser mapping technology software allow the optimal precision in revealing the stone's surface as well as detecting grooves, holes and any other concave area.

Our advance laser marking software allows marking, saw and cutting in the best option chosen by the operator. The OGIRough features will enable you to optimize your profits while increasing your diamond production.

Advance Rough Planning

- User friendly and easy to learn with very little training necessary
- Increases yield by exploiting maximum size from rough
- Powerful algorithms are used to calculate millions of cutting options
- Allocate Round and all fancy shapes
- Allocate own special fancy shape
- New 3D technology mapping rotates in real video
- Virtual cutting process plan (new OGI invention)
- Quick parameter setting and proportion of finished stones according to international standards
- Easy to make own proportions - user definable
- Support new GIA cut database GIAFacetware
- Integrated with OGI SAWCut Laser sawing and cutting in order to minimize inaccuracy
- Result information can be passed on to Local Area Network. Save time and reduce overall cost
- Viewer option to look at virtual reports of the plan and all the virtual processing cut
- Label report printing used for controlling further cutting process
- Excel format support
- Multilingual software: English, Hebrew, Russian and Gujarati

