2019.04.18 - HPOxygen Server 5.0.35

Here you can find information about what is new in HPOxygen Server version 5.0.35.

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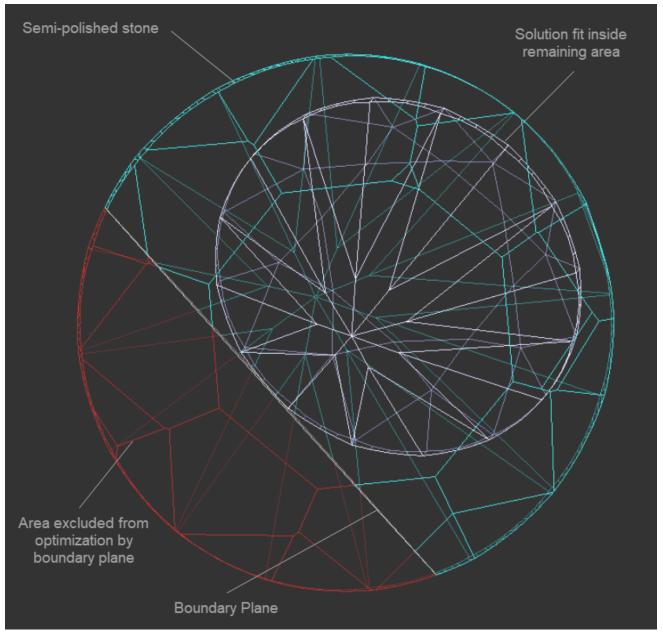
Boundary Plane Tool

Now you can add boundary planes to exclude some parts of the stone from the optimization.

This can be useful when:

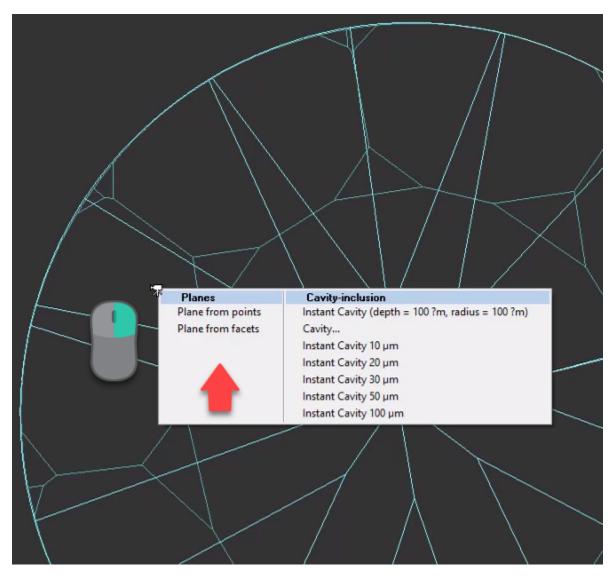
- You see one or several cavities is some area of the stone and want to exclude this area from optimization by cutting it off by plane.
- You need to set the offset of the round cavity with the help of an auxiliary plane (the plane is later deleted).
- Merge back into one facet what was wrongly split by the algorithm into several facets.

The Boundary Plane Tool allows placing the plane which virtually cuts off the part of the semi-polished stone to exclude this part from optimization.



To add a new boundary plane, in the Scene, right-click the model, in the displayed context menu, in the **Planes** section, select one of the options:

- Plane from pointsPlane from facets

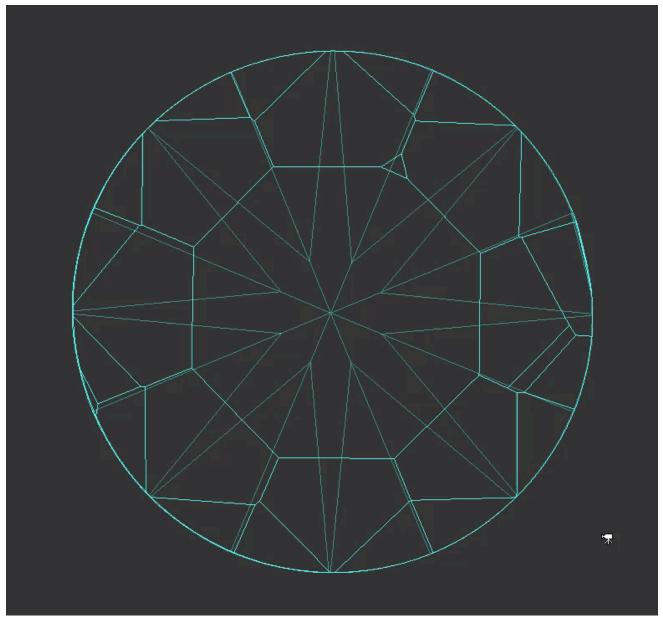


Plane from points

A new boundary plane can be plotted via specifying the set of points on the stone surface through which the plane should pass.

When using this option, you need to click the model to specify the points:

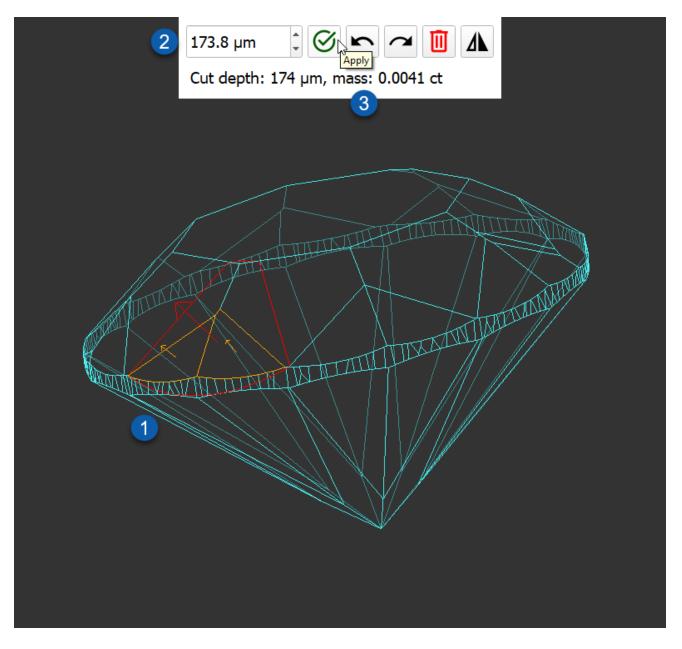
- The first click sets the vertical plane normal to the screen
- The second click changes the direction of the plane
 More clicks add additional points and set the plane closest to all the points added



As soon as you set the plane, you may set the offset depth, then apply the changes.

Plane from facets

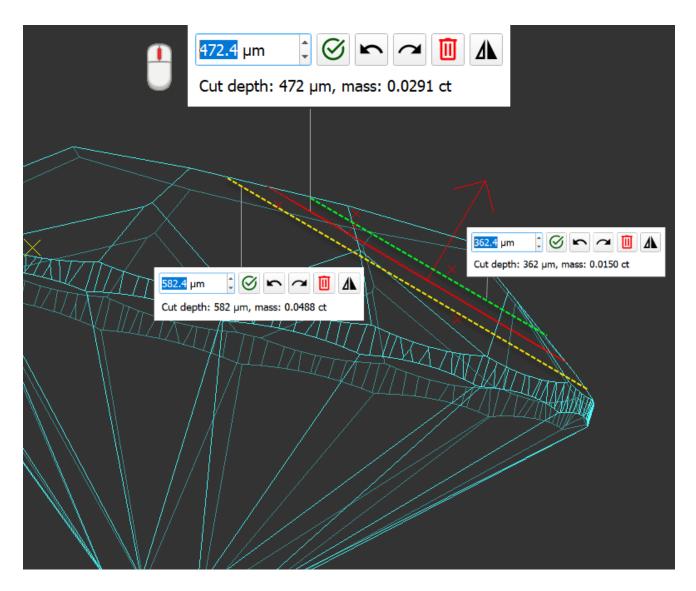
When using this option, you need to select the facets which will be used to calculate the combined facet (1), then set the offset depth (2), then apply the changes (3).



Offset Depth

Whether you create a boundary plane from points or from facets, after creating the plane, you can increase on decrease its depth by specifying the offset.

() You can type in the offset depth directly or use arrows or scroll the mouse button.



Editing Planes

You can create several boundary planes one by one. Any created plane can be edited or deleted at any moment. To edit the specified planes, in the Scene, right-click the model, in the displayed context menu, in the **Planes** section, select **Edit planes**. Select the plane, then edit it by:

- Adding points or facets
- Changing offset depth

To delete the plane, click

"MyRound | GIA Facetware + MyRound" Appraiser

Changes in Profiles

New Limits for "MyRound_Max" Profile

For the "MyRound_Max" profile of the "MyRound | GIA Facetware + MyRound" appraiser, new intervals for some parameters have been set.

(i) "MyRound_Max" profile is a read-only profile with the enlarged intervals for receiving larger Facetware plans.

- Pavilion AngleCrown HeightTotal Height

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Cut Symmetry										Cut Symmetry "Cus	hion'	' cut is	not sup	ported	by curr	ent app	oraiser				
Parameter		FR	[GD	[VG	[EX	EX]	VG]	GD]	FR]	Parameter		Grade	Value	[FR	[GD	[VG	[EX	EX]	VG]	GD]	F
	-	10	46,5	49,5	51,5	62,5	66,5	69,5	99	Table	0			10	46,5	49,5	51,5	62,5	66,5	69,5	
CrownAngle	0 1	10	21,75	26,25	31,25	36,75	38,75	40,25	90	CrownAngle	0			10	21,75	26,25	31,25	36,75	38,75	40,25	
PavilionAngle (0 1	10	38,7	39,7	40,5	41,9	42,5	43,1	90	PavilionAngle	0			10	38,7	39,7	40,35	41,9	42,5	43,1	
SweetLine	-	-9	-6	-3	-1,5	1,5	3	6	9	SweetLine				-9	-6	-3	-1,5	1,5	3	6	
StarLength (0 1	10	32,5	37,5	42,5	67,5	72,5	77,5	90	StarLength	0			10	32,5	37,5	42,5	67,5	72,5	77,5	
LowerGirdleLength	0	50	57,5	62,5	67,5	87,5	92,5	97,5	99	LowerGirdleLength	0			50	57,5	62,5	67,5	87,5	92,5	97,5	
GirdleBezel	0	0	1,25	1,75	2,25	4,75	5,75	7,25	20	GirdleBezel	0			0	1,25	1,75	2,25	4,75	5,75	7,25	
GirdleValley <u>↓</u>	0	0	0	0	0,75	2,94	4,14	6,14	20	GirdleValley <u>↓</u>	0			0	0	0	0,75	2,94	4,14	6,14	
CrownHeight (0	5	10,5	12	12,3	17	17,5	18,5	40	CrownHeight	0			5 🤇	9 🖸	10	12	17	18,5	19	Ð
TotalHeight (0	10	54	57	58	64,5	66	70	90	TotalHeight	0			10	54		57,5	64,5	66	70	Γ
Culet (0	0	0	0	0	1	1,5	2	20	Culet	0			0	0	0	0	1	1,5	2	
CrownPainting	0	-9	-6	-3,5	-3,2	4,2	5	7	20	CrownPainting	0			-9	-6	-3,5	-3,2	4,2	5	7	
PavilionPainting	0	-9	-5	-3,5	-3,2	3,2	4	6	20	PavilionPainting	0			-9	-5	-3,5	-3,2	3,2	4	6	
SumPainting (0	-9	-6	-5	-4,2	6,2	8	10	20	SumPainting	0			-9	-6	-5	-4,2	6,2	8	10	
GirdleVerticality	-1	20	-1,5	-1	-1	0,5	1	1,5	20	GirdleVerticality				-20	-1,5	-1	-1	0,5	1	1,5	
HeightGirdleExtraFacet	0	0	0	0	0	3	4	8	20	HeightGirdleExtraFacet	0			0	0	0	0	3	4	8	
GirdleCrownExtraFacets		0	0	0	0	0	2	4	20	GirdleCrownExtraFacets				0	0	0	0	0	2	4	
GirdlePavilionExtraFacets (0	0	0	0	0	3	4	6	20	GirdlePavilionExtraFacets	0			0	0	0	0	3	4	6	
GirdleExtraFacets	0	0	0	0	0	2	4	8	20	GirdleExtraFacets	0			0	0	0	0	2	4	8	

New Profile - "MyRound_Commercial"

For the "MyRound | GIA Facetware + MyRound" appraiser, the new "MyRound_Commercial" profile has been added. This profile parameter ranges statistically match the brilliants produced by the large manufacturer.

GIA Facetware + MyRound Profile: MyRound_Commercial1 (read only)

Show Presets

Parameter		Grade	Value	[FR	[GD	[VG	[EX	EX]	VG]	GD]	FR]
Table	0			10	46,5	49,5	54,5	59,5	66,5	69,5	99
CrownAngle	0			10	21,75	26,25	31,8	36,6	38,75	40,25	90
PavilionAngle	0			10	38,7	39,7	40,55	41,75	42,5	43,1	90
SweetLine				-9	-6	-3	-1,5	1,5	3	6	9
StarLength	0			10	32,5	37,5	46	52	72,5	77,5	90
LowerGirdleLength	0			50	57,5	62,5	75	82	92,5	97,5	99
GirdleBezel	0			0	1,25	1,75	2,9	4,2	5,75	7,25	20
GirdleValley	0			0	0	0	1,35	2,4	4,14	6,14	20
CrownHeight	0			5	10,5	12	12,6	16,5	17,5	18,5	40
TotalHeight	0			10	54	57	59	64	66	70	90
Culet	0			0	0	0	0	0,5	1,5	2	20
CrownPainting	0			-9	-6	-3	-1,5	1,5	5	7	20
PavilionPainting	0			-9	-5	-3	-1,5	1,5	4	6	20
SumPainting	0			-9	-6	-5	-2,5	2,5	8	10	20
GirdleVerticality				-20	-1,5	-1	-1	0,5	1	1,5	20
HeightGirdleExtraFacet	0			0	0	0	0	3	4	8	20
GirdleCrownExtraFacets				0	0	0	0	0	2	4	20
GirdlePavilionExtraFacets	0			0	0	0	0	3	4	6	20
GirdleExtraFacets	0			0	0	0	0	2	4	8	20

GIA Facetware + MyRound

Profile: MyRound_Commercial1 (read only)

Cut Symmetry						
Parameter	Grad	e Value	EX]	VG]	GD]	FR]
Diameter	0		0,7	1,4	2,8	20
Table	0		0,85	1,7	3,4	20
CrownAngle	0		1	1,8	3,6	20
PavilionAngle	0		0,7	1,2	2,4	20
StarLength	0		3,5	12	24	48
LowerGirdleLength	0		3,2	8	16	32
GirdleBezel	0		0,9	1,8	3,6	20
GirdleBezelLocal	0		0,3	0,9	1,8	20
StarAngle	0		1,7	5,6	11,2	22,4
UpperGirdleAngle	0		2,75	8	16	32
LowerGirdleAngle	0		1,1	2,6	5,2	10,4
HalvesWidthLocal			6	10	15	20
CrownHeight	0		1	1,8	3,6	20
PavilionDepth	0		1	1,8	3,6	20
GirdleValley	0		1	1,8	3,6	20
GirdleValleyLocal	0		0,3	0,9	1,8	20
GirdleBone	0		1,1	1,8	3,6	20
GirdleBoneLocal	0		0,5	0,9	1,8	20
GirdleSlopeDeviationMax			3	4	5	32
2RRoundness22_5	0		1,1	1,5	2	20
2RRoundness45	0		1,3	2	2,8	20
2RRoundness90	0		1,3	2,4	3,6	20
TableOffset	0		0,5	0,8	1,6	20
CuletOffset	0		0,5	0,8	1,6	20
TableCuletOffset	0		0,7	1,2	2,4	20
TableEdge_TEV	0		2	3	4	20
BezelWidth	0		2,2	3	4	20
StarEdge	0		1,7	2,5	4	20
CrownPainting	0		4,5	6	8	20
PavilionPainting	0		4,5	6	8	20
TableAngle	0		4,5	6	8	20
OppositeAzimuth	0		2,75	4	6	20
FacetTwistMax	0		2,2	3	4	20
JunctionBezelTwistMax	0		1	2	3	20
OppositeSlopeSumHalf	0		0,5	1	1,5	20
StarFacetTwist	0		2	3	4	20
JunctionBoneTwistMax	0		1	2	3	20
MainCrownFacetsAzimuthSymm	0		3	4	6	20
MainPavilionFacetsAzimuthSymm	0		2	4	6	20
StarFacetsAzimuthSymm	0		3	4	6	20

Improved Functioning for Larger Mass for VG Grades

Basing on examples from the clients, improvements have been implemented for the "MyRound | GIA Facetware + MyRound". The implemented changes provide for the appraiser the ability to effectively interact with the complex set of parameters from GIA Facetware that have the VG grade there and as a result, the appraiser allows finding VG solutions with the larger mass.

🕶 Plar	ns &	Sc	ans										✓ Active Appraiser and Pricelist
÷ -						×				Compare	Stand	ard Report 💌	Appraiser: MyRound GIA Facetware + MyRound
	14	-		11									Profie: MyRound_ModernCut_2018-12-14
#			Cutting	Price	Mass 🔺		Yield (Clarity	DZ ym-		Cut	Sym Br	Pricelist: LEXUS_PRICE_09MARCH_2012
<mark>√</mark> Sh	1ado	w s	can		1.0533					VG-Poor	VG-Poor	VG-Poor	Select algorithm and diamonds for allocation.
1		•	Brilliant	6518\$	1.0002	94	4.94%	VS1	Н	VG	VG	VG-EX	Algorithm 13. Single-M 🗸
7		•	Brilliant	5148\$	0.9980	93	3.99%	VS1	н	VG	VG	EX	Cutting list grade of 1st diam: Brilliant VG V
2		٠	Brilliant	5096\$	0.9799	93	3.04%	VS1	Н	VG	VG	VG	brillion. VG V
3		٠	Brilliant	5044\$	0.9727	92	2.09%	VS1	н	VG	VG	VG	
4		٠	Brilliant	4992\$	0.9673	9:	1.14%	VS1	Н	VG	VG	VG	New version
8		•	Brilliant	4992\$	0.9666	9:	1.14%	VS1	н	VG	VG	VG	
5		٠	Brilliant	4888\$	0.9432	8	9.24%	VS1	н	VG	VG	EX	
9		•	Brilliant	4836\$	0.9299	8	8.29%	VS1	н	VG	VG	VG	
		C -											
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合 #			Cutting	P 1 P	Mass 🔺		Yield	Clarit	y DZ ym	n- Gr	Cut	Sym Br	Starting from new version solution
/# ✓ Sh	ado	w s	Cutting	Price	Mass ▲ 1.0533	Alloc				- Gr VG-Poor	Cut VG-Poor	Sym Br VG-Poor	
# ✓ Sh 18	ado	W Se	Cutting can Brilliant	Price 6714\$	Mass Mass 1.0533 1.0348	Alloc	97.79%	6 VS1	H	- Gr VG-Poor VG	Cut VG-Poor VG	Sym Br VG-Poor VG	Starting from new version solution
/# ✓ Sh	ado	v s	Cutting can Brilliant Brilliant	Price 6714\$ 6714\$	Mass	Alloc SR SR	97.79% 97.79%	6 VS1 6 VS1	H H	- Gr VG-Poor	Cut VG-Poor	Sym Br VG-Poor	Starting from new version solution
# ✓ Sh 18	ado I	v s	Cutting can Brilliant Brilliant	Price 6714\$ 6714\$	Mass Mass 1.0533 1.0348	Alloc SR SR	97.79% 97.79%	6 VS1 6 VS1	H H	- Gr VG-Poor VG	Cut VG-Poor VG	Sym Br VG-Poor VG	Starting from new version solution
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# ✓ Sh 18 22 19		v s	Cutting Can Brilliant Brilliant Brilliant Brilliant	Price 6714\$ 6714\$ 6714\$ 6714\$	Mass ▲ 1.0533 1.0348 1.0341 1.0340	Alloc SR SR SR SR SR	97.79% 97.79% 97.79% 97.79%	6 VS1 6 VS1 6 VS1 6 VS1 6 VS1	H H H	VG-Poor VG VG VG VG	Cut VG-Poor VG VG VG	Sym Br VG-Poor VG VG VG	Starting from new version solution
 # 18 22 19 23 	ado A	v s	Cutting can Brilliant Brilliant Brilliant Brilliant Brilliant	Price 6714\$ 6714\$ 6714\$ 6714\$ 6714\$	Mass ▲ 1.0533 1.0348 1.0341 1.0340 1.0333	Alloc SR SR SR SR SR SR	97.79% 97.79% 97.79% 97.79% 97.79%	6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1	н н н н	VG-Poor VG VG VG VG VG	Cut VG-Poor VG VG VG VG VG	Sym Br VG-Poor VG VG VG VG VG	Starting from new version solution
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 # 18 22 19 23 11 13 10 		v s	Cutting can Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant	Price 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$	Mass 1.0533 1.0548 1.0348 1.0340 1.0333 1.0332 1.0327 1.0324	Alloc SR SR SR SR SR SR SR SR SR SR	97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79%	6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1	н н н н н	VG-Poor VG VG VG VG VG VG VG VG VG	Cut VG-Poor VG VG VG VG VG VG VG VG	Sym Br VG-Poor VG VG VG VG EX EX EX	Starting from new version solution
<pre># # * Sh 22 19 23 11 13 10 21</pre>		v s	Cutting can Brilliant Brilliant Brilliant Brilliant Brilliant Brilliant Brilliant Brilliant Brilliant	Price 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$	Mass 1.0533 1.0348 1.0341 1.0340 1.0333 1.0322 1.0327 1.0324 1.0321	Alloc SR SR SR SR SR SR SR SR SR SR SR	97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79%	6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1	н н н н н	VG-Poor VG VG VG VG VG VG VG VG VG VG	Cut VG-Poor VG VG VG VG VG VG VG VG	Sym Br VG-Poor VG VG VG VG EX EX EX EX VG	Starting from new version solution
 # 18 22 19 23 11 13 10 21 25 		v s	Cutting can Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant	Price 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$	Mass 1.0533 1.0348 1.0341 1.0340 1.0333 1.0322 1.0327 1.0324 1.0321 1.0312	Alloc SR SR SR SR SR SR SR SR SR SR SR SR SR	97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79%	6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1 6 VS1	H H H H H H H H	Gr VG-Poot VG VG VG VG VG VG VG VG VG VG	Cut VG-Poor VG VG VG VG VG VG VG VG	Sym Br VG-Poor VG VG VG VG EX EX EX EX VG VG	Starting from new version solution
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<pre># # # # 18 22 19 23 11 13 10 21 25 15 12</pre>		v s	Cutting Can Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant Briliant	Price 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$ 6714\$	Mass 1.0533 1.0348 1.0341 1.0340 1.0333 1.0332 1.0327 1.0324 1.0321 1.0312 1.0312 1.0304 1.0294	Alloc SR SR SR SR SR SR SR SR SR SR SR SR SR	97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79% 97.79%	6 VS1 6 VS1	H H H H H H H H H H H H H	Gr VG-Poor VG VG VG VG VG VG VG VG VG VG	Cut VG-Poor VG VG VG VG VG VG VG VG VG VG	Sym Br VG-Poor VG VG VG VG EX EX EX VG VG VG EX EX EX	Starting from new version solution

Smart Recut with "Fix" Options - Remove Facets from Fixing

A new *Element Multi Selection Tool* can now be used with the "13. SmartRecut (Brilliant, Oval)" algorithm. Using the tool, you can adjust the **Fix Girdle, Fix Crown**, **Fix Pavilion** options usage by manual removing the facets from fixing. For example, if under the "13. SmartRecut (Brilliant, Oval)" algorithm, the **Fi x Girdle** option is selected, it freezes all the facets of the girdle not allowing the algorithm to remove them; then, using the *Element Multi Selection Tool* you can exclude some facets from this freeze, so that the algorithm will mandatorily remove them from the future solution.

A detailed description of using Smart Recut with the Fix Girdle, Fix Crown and Fix Pavilion options is presented on the Smart Recut with restrictions page.

The "Remove facets from fixing" selection mode is applicable when all these conditions are met:

- a convex scan is selected in the list
- the "13. SmartRecut (Brilliant, Oval)" algorithm is selected
- at least one "fix" option is selected

(i)

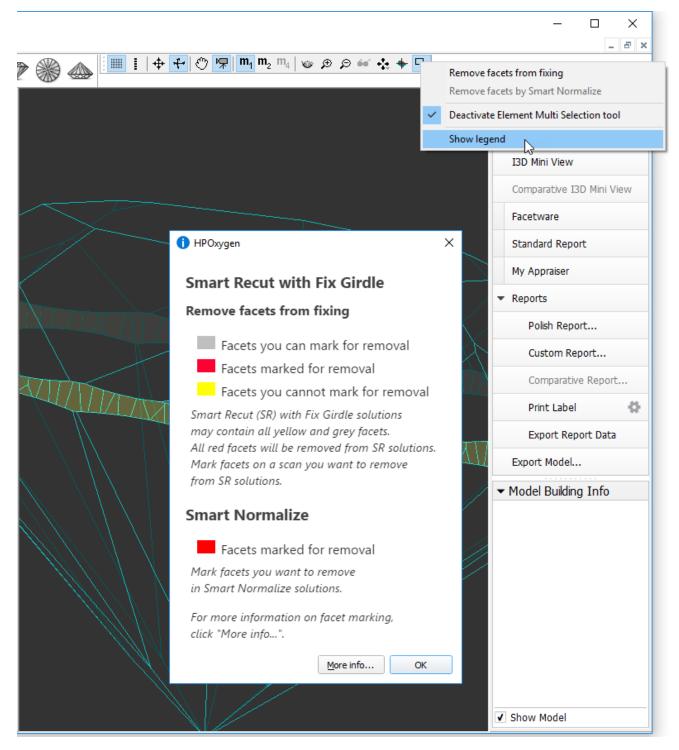
∕₽

To use the tool, in the Recut mode select your convex scan in the list, then select the "13. SmartRecut (Brilliant, Oval)" algorithm, set "Fix" options, and

then on the main panel toolbox, click -> Remove facets from fixing. This activates the Element Multi Selection Tool; now in the Scene, you can mark facets to be removed from fixing.

🔗 Oxygen - [Demo1								- 🗆 X
File Edit View	Inclusion Window Settings H						4	_ 8
Scan Recut diamore cation solutions	onds inpolished Photoreal developer color	G1 G2 * f	×	2 10 500	<u> </u> ∲ <u></u> + 	m ₁ m ₂ m ₄ ⊕ ⊅ ⊅		Remove facets from fixing Remove facets by Smart Normalize Deactivate Element Multi Selection tool
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The Element Multi Selection Tool includes legend available on clicking Show legend.



To view additional information, click More info. This will open a help page in your browser containing some detailed information on functionality.

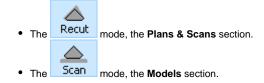
As you finished with marking facets, on the main panel toolbox, click -> Deactivate Element Multi Selection tool. This deactivates the tool.

Note that highlighting of current fixing options is only visible in the Scene when the "13. SmartRecut (Brilliant, Oval)" algorithm is selected and fixing options are enabled.

Interface - Configurable Set of Columns in Solution List

(i)

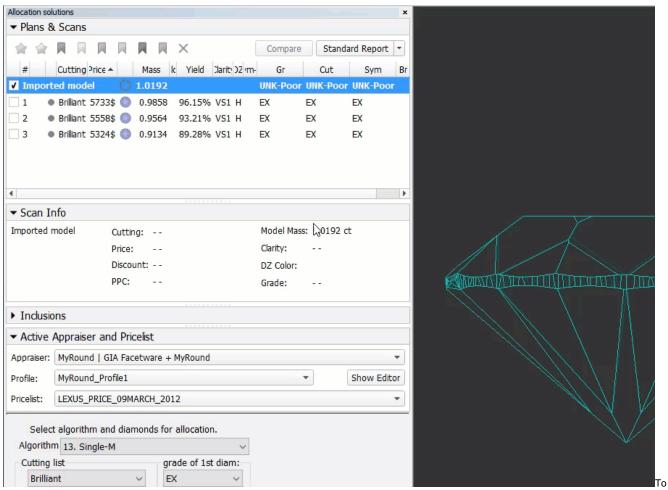
The set of displayed columns for the scan/solution list is now configurable: you can select columns to be displayed/hidden and also change their order. The function is available for:



(i) Notes:

- The configuration for each mode is performed and stored separately.

- The configuration is not available in the Lock to Scan mode.



customize columns, right-click the name of any column, then in the context menu select/clear checkboxes for your columns. For advanced configuration (several columns at once, change order), in the context menu, click **Details**. The **Adjust columns** dialog is displayed. Here you can select/deselect several columns at once and change their order by drag-and-drop.

In the Adjust columns dialog, you can find 3 separate groups:

- 1. Core information you cannot hide or move these columns.
- 2. Main information you can hide, reorder is possible only within the group, columns from group "3" will never be able to go before these ones.
- 3. Other information you can hide and reorder within the group.

Adjust columns	\times
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✓ Label Color	
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✓ DZ (Diamond Color)	Y
Sym-O (Optical Symmetry)	
✓ Gr (Final Grade)	
✓ Cut (Cut Grade)	
Br (Brightness metric)	
Drag & Drop items to rearrange colu	mns
Reset columns set to defaul	ts
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To restore the default set of columns in the default order, click Reset columns set to defaults.

Besides setting the column set, you may also save sorting order you currently use (the Also save sorting order option).

Also save	ve sorting order				
Selected	Not Selected				
Sorting you use when closing the current project will be used for the next project you open. Note Once selected, the option stays active in spite of restarting the program or opening the next projects.	 For the next project you open, its own saved sorting will be used. Notes The sorting for the project is saved (or updated) when you apply File > Save operation to the project itself. As soon as you deselect the option, the project immediately switches to its own sorting. 				

Generating Reports - New Paths and Naming

For some reports, the paths for storing generated report files and file naming has been changed:

• • • • •						
📑 🛛 🛃 🚽 🗍 🗢 OctoNus S	oftware					
File Home Share	View					
Image: Pin to Quick accessImage: Copy paste		Copy to	New folder	item • access •	Properties	Select all Select none Invert selection
Clipboard		Organize	New		Open	Select
← → × ↑ 📑 > Th	is PC → Documents → Octo	Nus Software 🚿				
📌 Quick access	Name	Dat	te modified	Туре	Size	
	📑 Comparative Reports	22.	03.2019 13:41	File folde	er	
🔜 Desktop 🛛 🖈	Custom Reports	27.	02.2019 11:51	File folde	er	
👆 Downloads 🛛 🖈	📑 Export Reports	13.	03.2019 17:27	File folde	er	
🔮 Documents 🛛 🖈	Exported Models	18.	11.2016 15:30	File folde	er	
🗦 Dropbox (OctoN 🖈	Faceting Reports	06.	03.2019 13:07	File folde	er	
📰 Pictures 🛛 🖈	📑 Facetware Reports	05.	04.2019 12:47	File folde	er	
•• Describer (Osta Niva)	📑 I3D Reports	27.	02.2019 12:00	File folde	er	
🐉 Dropbox (OctoNus)	📑 Polish Reports	26.	02.2019 16:23	File folde	er	
🝊 OneDrive	📑 Rough Reports	14.	02.2019 17:42	File folde	er	
💻 This PC						
🧊 3D Objects					Affected reports	
📃 Desktop					Allected reports	2
Documents						

The new paths and file names are the following:

\ Documents \ OctoNus Software	\ Report Folder \	RTF I XXXX-Project Name	١	XXXX-Project Name-report.rtf
Legend: • Foders • Files • Project Name - name of your .oxgz file • XXXX - sequence number				

Comparative Reports. Now when you click on the right panel, the Comparative Report, then, in the Select template section, click the Open RTF tab, select the template and run the report, the generated RTF file will be automatically saved as: ...Documents\OctoNus Software\Comparative Reports\RTF\Project Name\XXXX-Project Name \ XXXX-Project Name-report.rtf

For example, if you run comparative report 3 times for the "Demo1ct.oxgz", you will obtain:

📙 🛛 🛃 🖛 🛛 Demo1ct							
File Home Share	View						
\leftrightarrow \rightarrow \checkmark \uparrow \square \rightarrow This PC	> Documents >	OctoNus Software > Compa	arative Reports → RTF	> Demo1ct >			~ č
	^	Name	1	Date modified	Туре	Size	
A Quick access		0001-Demo1ct		5.04.2019 16:52	File folder		
Desktop	*	0002-Demo1ct	(5.04.2019 16:52	File folder		
Downloads	*	0003-Demo1ct	(5.04.2019 16:52	File folder		
 Documents Pictures 	Name	~	Date mo	dified Ty	pe	Size	
Bashurov	M 00	01-Demo1ct-report	05.04.201		h Text Format	514 KB	
MyRound Appraiser - Imp							

Facetware Reports. Now when you click on the right panel, the Facetware, and obtain the Facetware report in the HP Oxygen interface, then click the Ex port to MS Word button, the generated RTF file will be automatically saved as:

...\Documents\OctoNus Software\Facetware Reports\RTF\Project Name\XXXX-Project Name \ XXXX-Project Name-report.rtf For example, if you run Facetware Export to MS Word 3 times for the "Demo1ct.oxgz", you will obtain:

📕 🛃 📕 🖛 Demo1ct									
File Home Share V	liew								
$\leftarrow \rightarrow \checkmark \uparrow \square$ > This PC	> Documents >	OctoNus Software > Facetw	are Reports → RTF	> Demo1c	t>				√ Č
	^	Name		Date modif	ied	Туре	Si	ze	
📌 Quick access		0001-Demo1ct		05.04.2019 16:52		File folder			
Desktop	*	0002-Demo1ct		05.04.2019	16:52	File folder			
Downloads	*	0003-Demo1ct		05.04.2019	16:52	File folder			
Documents	*								
Pictures	Name	1	Date m	nodified	Туре		Size		
	00 📷	🗑 0001-Demo1ct-report		019 16:51	Rich T	ext Format	514	KB	
- MyRound Appraiser - Impr	roved Functic								

Polish Reports. Now when you click on the right panel, the Polish Report, then, in the Report templates section,

click the Open RTF tab, select the template and run the report, the generated RTF file will be automatically saved as:
 ...\Documents\OctoNus Software\Polish Reports\RTF\Project Name\XXXX-Project Name \ XXXX-Project Name-report.rtf

For example, if you run Polish report 3 times for the "Demo1ct.oxgz", you will obtain:

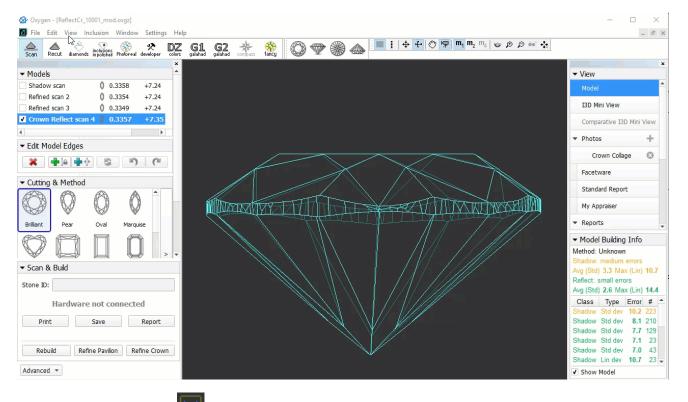
📙 🛃 🚽 = Demo1ct					
File Home Share View					
\leftarrow \rightarrow \checkmark \uparrow \frown \rightarrow This PC \rightarrow Doc	uments > OctoNus Software > Polish Reports	> RTF > Demo1ct >			√ Ū
	▲ Name ^	Date modifi	ed Type	Size	
A Quick access	0001-Demo1ct	05.04.2019 1	6:52 File folder		
Desktop	0002-Demo1ct	05.04.2019 1	6:52 File folder		
Downloads Documents	* 0003-Demo1ct	05.04.2019 1	6:52 File folder		
Pictures	Name	Date modified	Туре	Size	
Bashurov	10001-Demo1ct-report	05.04.2019 16:51	Rich Text Format	514 KB	
MyRound Appraiser - Improved Fu					

• If you select the **Open HTML** tab: ...\Documents\OctoNus Software\Polish Reports\HTML**Project Name**\XXXX-Project Name \files of the report .

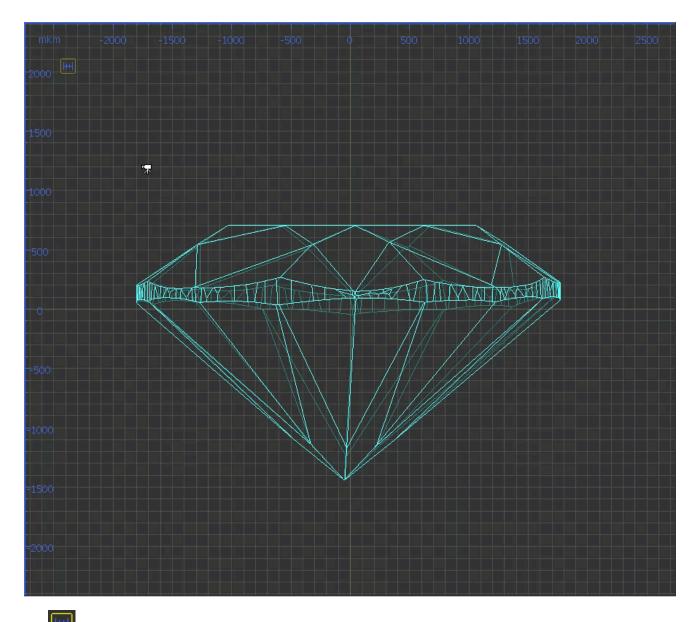
→ • ↑	> This PC > Documents > OctoNus Software > Po	lish Reports > HTML > Demo1ct	t >		
🕹 Downloads	🖈 ^ Name ^	Date mod	ified Type	Size	
Documents	* 0001-Demo1ct —	05.04.2019	18:08 File folder		
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MyRound A	Name	Date	Туре	Size	
	all	05.04.2017 18:06	Cascading Style S	128 KB	
Smart Recu		05.04.2017 18:06	JavaScript File	113 KB	
	CULET_CENTER_CROSS	27.03.2017 13:50	PNG File	1 KB	
• D I (O	Oemo1ct-report	05.04.2019 18:08	Chrome HTML Do	50 KB	
Dropbox (Per	DIAMETER_REPORT_COLOR	05.04.2019 18:08	PNG File	202 KB	
	DIAMOND_PICTURE_REFRACT_COLOR	05.04.2019 18:08	PNG File	82 KB	
OneDrive	GIRDLE_CENTER_CROSS	27.03.2017 13:50	PNG File	1 KB	
Attachmen	GIRDLE_CENTER_MASS_CROSS	27.03.2017 13:50	PNG File	5 KB	
Documents	POLISH_ANGLES_REPORT_CRN_ANGLES	05.04.2019 18:08	PNG File	49 KB	
Flow	POLISH_ANGLES_REPORT_PAV_ANGLES	05.04.2019 18:08	PNG File	48 KB	
	SIMPLE_REPORT_COLOR	05.04.2019 18:08	PNG File	85 KB	
	TABLE_CENTER_CROSS	27.03.2017 13:50	PNG File	2 KB	

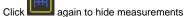
Scene Model and Photos View - Show Grid Option

Now for the Scene in Model or Photos view, you can show the grid. To enable the grid, set Scene to the Model or Photos view, then from the main menu, select **View > Show Grid**. To disable the grid, clear the **Show Grid** checkbox. As you zoom in/out, the grid step and units (mkm, mm) adjust to the current zoom level.



With the grid enabled, you can click to display vertical and horizontal measurements (mm) of the projection of the displayed model in its current position.





Input Stone Properties - Changes in Dialog

During scanning, on clicking the Shadow scan button, the Input Stone Properties dialog may be displayed.

Detailed information about inputting stone properties on the start of scanning is presented on the Entering Stone ID and Measured Weight page.
 In the Input Stone Properties dialog, you can use the Next
 button or press Ctrl+Tab to increases the stone number by 1 and changes the scan

number to 001.

To avoid pressing Ctrl+Tab by mistake, the following changes have been implemented for this dialog:

- The hint text for keyboard shortcut CTRL-TAB has been changed:
 - Was : "Use Ctrl+Tab shortcut to increment Stone ID"
 - $^{\circ}$ Now : "If you need to increment Stone ID, use Ctrl+Tab shortcut"
- The hint:
 - Was : always displayed
 - Now : hidden when the Automatically generate default Stone ID for new scans option is selected.

(1)

(i)

Only the hint is hidden - the Ctrl-Tab combination still can be used.

Request stone properties before scanning	Off	On	On	On	
Automatically generate default Stone ID for new scans	Disabled	οπ	On	On	
Stone ID auto increment	Disabled	Disabled	n	On	
Settings	Senser Development Monodown and a senser Monodown and a senser Monodown and flow 2 for en som Monodown and f	Introp Inter-Ingents Vene Ingents Dest 2 gastement The ord device of any David Davi	© Intring Take Inspire	Sinty: Development Development	
Popup window	None	Input Stone Properties Please enter Stone ID before scanning Store ID: If you need to increment Store ID, use Ctri+Tab shortout. Scale weight OK Cancel	Input Stone Properties X Please enter Stone ID before scanning Store ID: <u>200002027</u> M Soale weight OK Cancel	Input Stone Properties X Please enter Stone ID before scanning Store ID: Stole weight OK Cancel	

Fixed Problems and Improvements

The following fixes for the known problems and improvements have been implemented:

- 1. The model building has been improved by the additional tuning of the facets blocking mechanism, which decreases the possibility of the wrong removal of the large parts of the stone.
- 2. One of the main facets was split, which was caused by the contour erroneously excluded from the calculation. This model building error has been fixed.

blocked URL

- 3. Girdle additional facets classified as dust error has been fixed.
- 4. Fixed rare program crash from orphaned Smart Recut calculations finished on a closed or a new document.
- 5. Failure on export of the Facetware report has been fixed.
- 6. In the Comparative Report and Comparative I3D Mini View:
 - a. the accuracy of facets mapping is increased, the number of facets mapped by mistake is reduced;
 - b. some rare position fitting bugs have been fixed.
- Sometimes MyRound allocation of Brilliant cut produced VG plans with "GirdleValley" parameter out of EX range (this might happen for plans with non-standard upper/lower girdle facets azimuth). Now, this issue is fixed and GirdleValley limitations are correctly considered during the allocation process.
- 8. For the Model Topology Editing Tool, the bug with the unexpected multiple edges appearance instead of edge deleting has been fixed.
- 9. The problem with automatic actions for Square Radiant also running actions for Radiant has been fixed.
- 10. The recognition error with the shift up sign when using the shift corrector has been fixed.
- 11. The problem with the program unexpected close on opening some .oxgz files of semipolished stones has been fixed.