

Automatic appraiser selection

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Overview

There are two cases when you need to select an appraiser:

- For allocation (creating solutions)
- For appraisal (appraising of already existing solutions)

By default, the system ***automatically selects the appraiser*** for the selected cut. The table below describes system behavior:

| Scenario | Description |
|----------|-------------|
|----------|-------------|

Allocation, 1 cut

Process: you select the cut, then click **Start Allocation**.

Plans & Scans

Compare Standard Report

| # | Cut | Price | Clarity | Mass | Alloc | Profile | DZ | Sym | Gr | Sym | Br |
|---|----------------|-------|---------|--------|-------|---------|----|-----|----|-----|----|
| ✓ | Imported model | | | 3.2739 | -- | -- | | | | | |

Imported model

Inclusions (58) ☐ QC Filter

Appraiser ☐ Manual appraiser selection

Cut: Brilliant Appraiser: Lexus_Opt_12FEB2011

Profile: <no profiles> Show Editor

Diamond Allocation

Algorithm: 20. Single (Recut) ☐ + Smart Recut

Cutbook: Favorites 1/3 ☐ ☐ Diamond grade: EX

Brilliant CushionRectangl PM4 PG8 PH24 PRill CushionSquare PM4 PG8 PH24 PRill

Start Allocation

Result: The *linked appraiser** will be used automatically (and the last selected **Profile** of it)

Allocation, more than 1 cut

Process: you select the cuts, then click **Start Allocation**.

Result: The *linked appraiser** will be used automatically (and the last selected **Profile** of it) for each included cut.

Appraisal of already existing solutions

In the **Plans & Scans** section, you click the solution, in the **Appraiser** section, the system automatically displays the linked appraiser. When you switch between the solutions of different cuts, the appraiser changes correspondingly.

* In the system, cuts and appraisers are *linked* like this:

| Cut | Appraiser*** |
|---|---------------------------|
| In-house cut that has <i>its</i> ** appraiser | <i>Its appraiser</i> |
| In-house cut without its appraiser | MyAnyCut |
| Brilliant | "GIA Facetware + MyRound" |
| CushionSquare_PM4_PG8_PH24_PBrill_C32 | CushionSquare |
| CushionRectangular_PM4_PG8_PH24_PBrill_C32 | CushionRectangular |
| Some oval cuts | MyOval |

| | |
|------------|------------------|
| Other cuts | Lexus_Opt...**** |
|------------|------------------|

** *Its* appraiser means created specifically for this particular cut

*** For each appraiser, its **active profile** will be used - the one that was last selected in the user interface **Profile** field.

**** Cuts linked to the "Lexus_Opt..." appraiser have limitations:

- The cut will not give the appropriate result if its description is not presented in the "Lexus_Opt..." appraiser.
- The + **Smart Recut** option will not work for them

See details in the sections below.

When automatic appraiser selection is useful

The *automatic appraiser selection* eases your work with multiple cuts:

- Allocation cases:
 - You want to try getting solutions of different cuts for your scanned model.
 - You want to try getting diamonds of different cuts within your solutions for multi-diamonds algorithms.
- Other cases:
 - In your solution list, you have solutions of different cuts and you want the *appropriate appraiser to be selected automatically* when you switch to this solution.
 - You want to know which appraiser is linked to some cut and/or switch the *active profile* for it. The active profile is the last selected in the user interface **Profile** field for this appraiser. It is saved by the system automatically.

For single cut allocation

- Select cut and run allocation. No need to worry about the appraiser.

For multiple cut allocation

How to use:

1. From the **Cutbook**, select several cuts.
2. Run allocation.

(Prerequisites: gold stars will be used - see instruction on how to configure them in the section below)

1. Use the **Recut** mode.
2. Select several cuts.
3. Set **Algorithm** to "13. Cascade-2M".
4. Select the **+ Smart Recut** option.
5. Click **Start Allocation**. The multi-diamond solutions are displayed in the list.

To get "Smart Recut + Smart Recut" solutions with the different Smart Recut presets:

1. In the **Diamond Allocation** section set **Algorithm** to smart recut one.
2. In the solution list, select the "Recut + Recut" solution.
3. In the diamonds section, select one of the solution diamonds. In the **Appraiser** section, the appraiser linked to the cut of the selected diamond is displayed automatically. Its active **Profile** is displayed as well.
4. From the **Presets** list, select the preset you want to be used.

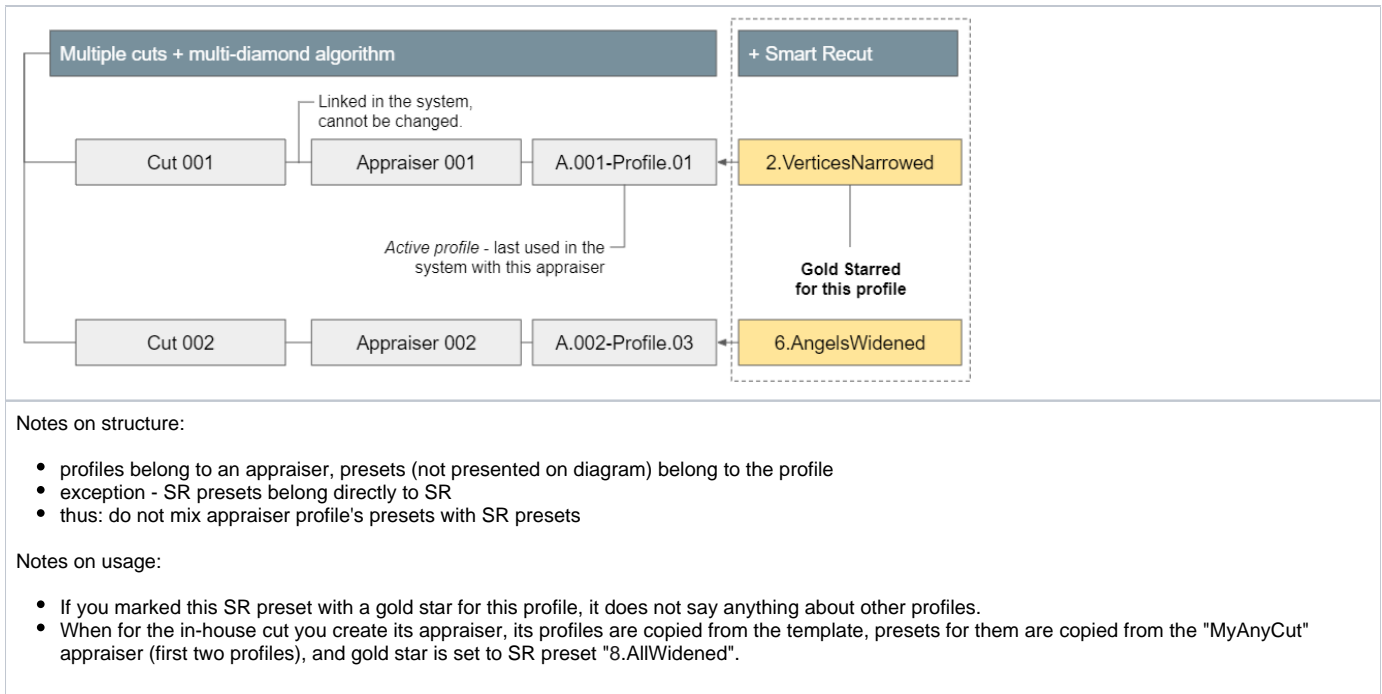
The screenshot shows the 'Allocation solutions' window with the following sections and actions highlighted:

- Plans & Scans:** A table with columns #, Price, Mass, BBB, Yield, Diam 1, Mass, Alloc, Clarity. Row 1 is selected (highlighted with a red circle 2).
- Plan 1:** A table with columns Diam #, Cut, Price, Discount, PPC, Mass, Clarity, C, Grade. Row 1 is selected (highlighted with a red circle 3).
- Appraiser:** Cut: CushionRectangular_PM4_PG8_PH24_PBrill_C; Appraiser: CushionRectangular; Profile: Cushion_2; Absolute.
- Diamond Allocation:** Algorithm: 19. SmartRecut (Brilliant, Oval, AnyCut) (highlighted with a red circle 1). Presets dropdown is open, showing options 1-8, with 6. AnglesWidened selected (highlighted with a red circle 4).

5. Run allocation for the selected diamond. The new "Smart Recut + Recut" solution is added to the list, where Smart Recut is built with the selected preset.
6. Repeat configuration for the diamond remaining Recut.
7. Run allocation for the second diamond. Now you have a new "Smart Recut + Smart Recut" solution with each SR produced by the new preset.

"Gold stars" configuring

The "gold star" shows which Smart Recut preset will be used for the *active profile* of the linked appraiser when running allocation for multiple cuts with a multi-diamond algorithm with **+ Smart Recut** option. There is a default gold star for each profile of each appraiser working with Smart Recut. Thus, you can skip configuring gold stars - in this case, the default will be used (for MyRound profiles - preset 4, for MyOval and MyOvalPerformanceWare - 6, for MyAnyCut and alike - 8).



The gold stars can be configured before running allocation as described below.

To configure gold stars:

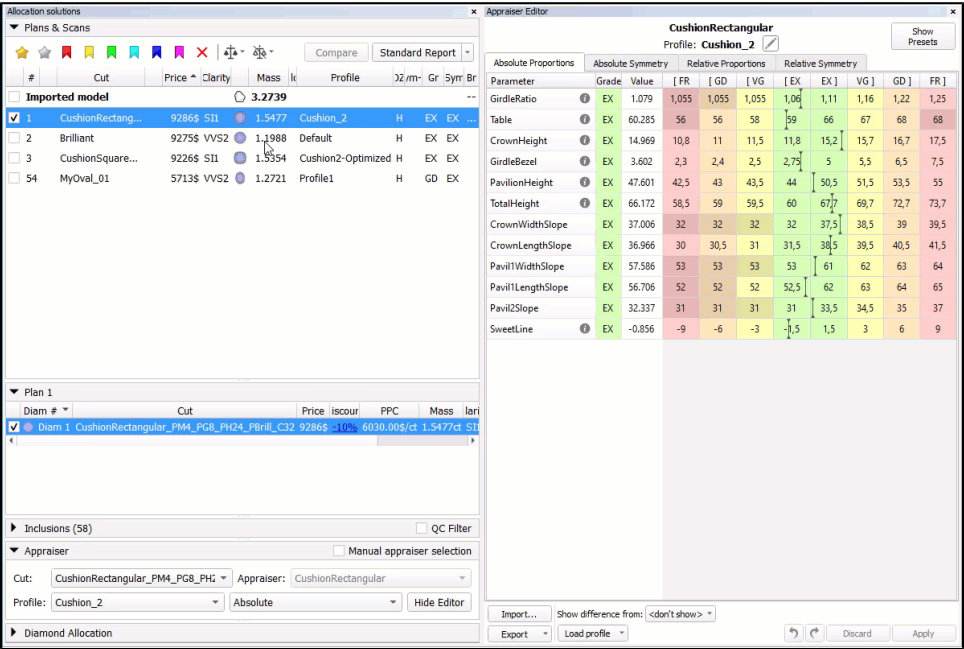
1. Use the **Recut** mode.
2. in the **Appraiser** section, select **Manual appraiser selection**.
3. Select **Appraiser**.
4. Set active **Profile**.
5. In the **Diamond Allocation** section set **Algorithm** to smart recut one.
6. Expand the **Presets** list, then in the list, set the gold star to the right of the preset you want to be used during allocation for multiple cuts with a multi-diamond algorithm.

For viewing grades in Appraiser Editor

If, in your solution list, you have solutions of different cuts and you want the *appropriate appraiser to be selected automatically* when you switch to this solution:

1. Click **Show Editor**. The **Appraiser Editor** window is displayed.

2. In the **Plans & Scans** section, switch to the required solution. The **Appraiser Editor** window will automatically switch to the appraiser linked with the cut/active profile.



For switching active profile

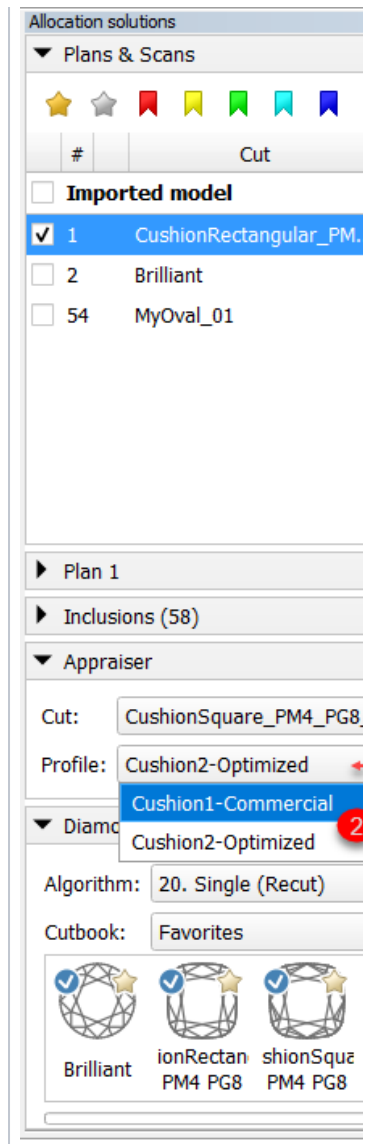
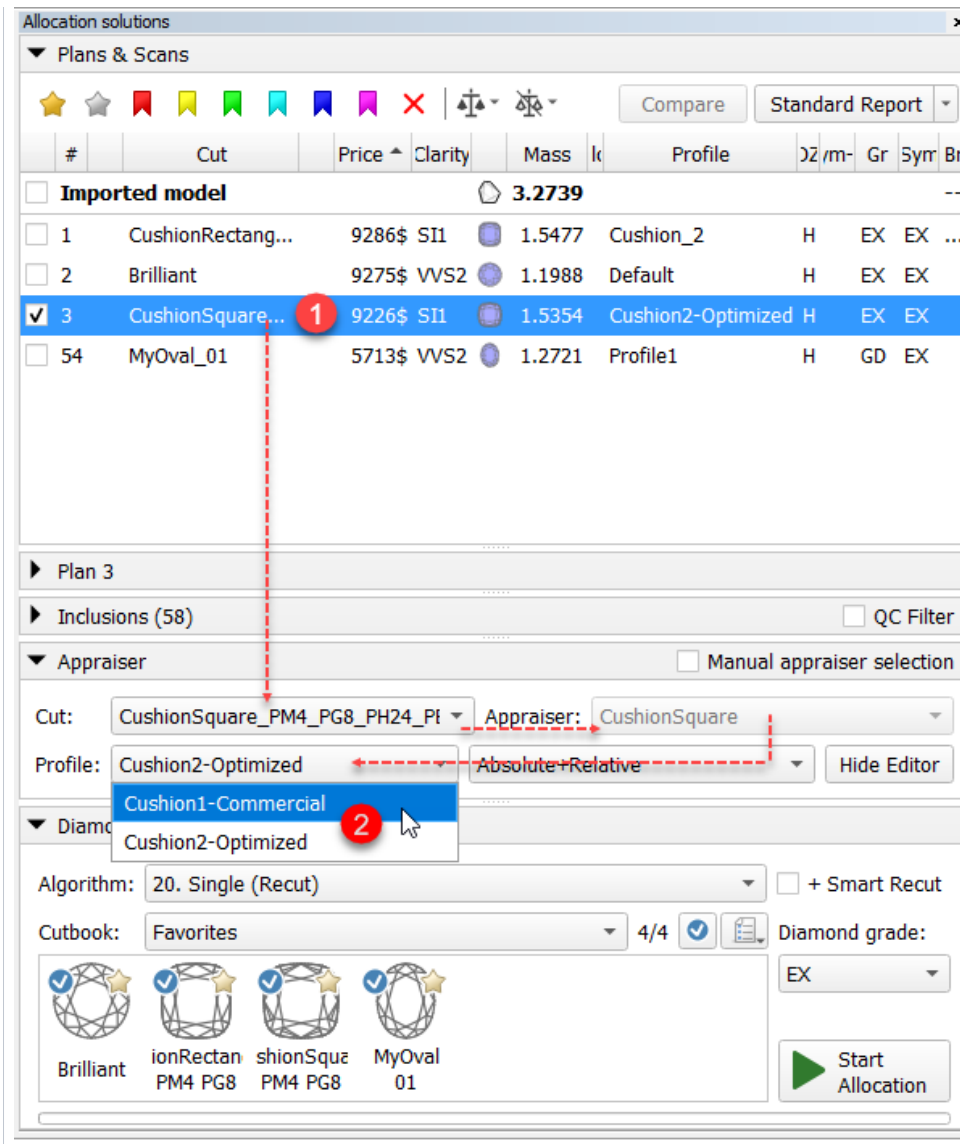
To know which appraiser is linked to some cut and/or switch the *active profile*:

- 1. Do one of the following:
 - a. If you have a solution of the appropriate cut in the list, click it. Its cut is displayed in the **Appraiser** section, **Cut** field.
 - b. If you do not have a solution, select directly from the **Appraiser** section, **Cut** list.

For the selected cut, it's linked **Appraiser** and its active **Profile** is displayed. Note that the **Profile** field will be empty if the appraiser does not have any profiles.

- 2. If necessary, change the **Profile**. Selected new active profile for this appraiser is saved in the system automatically.

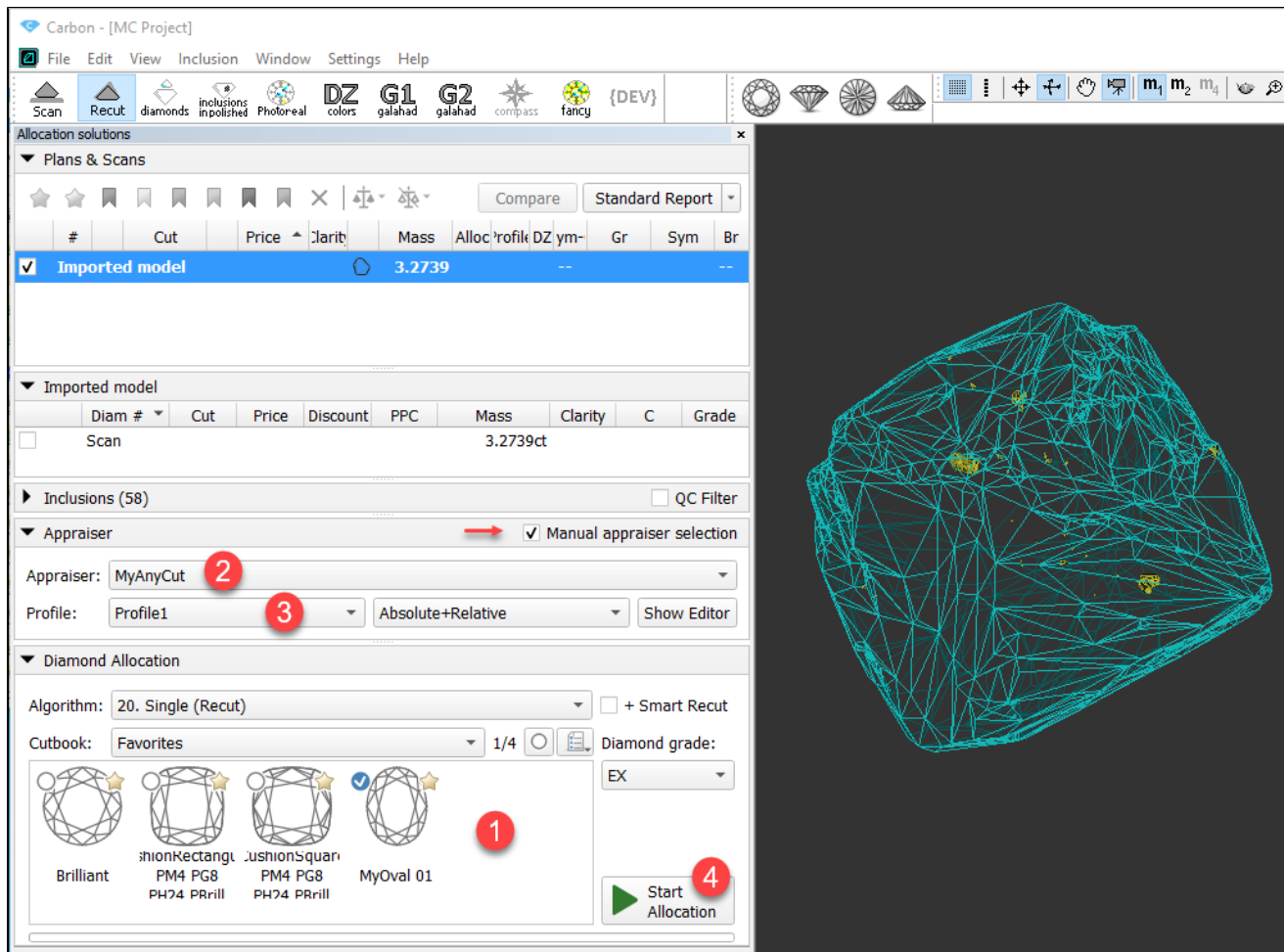
| Option A: Solution of appropriate cut in the list | Option B: Not in the list |
|---|---------------------------|
| | |



Manual mode

Sometimes it may be necessary to try appraisal or running allocation with the appraiser, different from the linked one.

To do so, switch to the manual mode: in the **Appraiser** section, select the **Manual appraiser selection** checkbox.



To switch back to the automatic appraiser selection, deselect the checkbox.