

[Adding Data to the Kalahari and Inventory Program.](#)

This section is designed as an aid to help inputting information into the Kalahari program. When processing information into Kalahari, log on to the system using an account with full user rights or administration privilege's.

When calculating an order it is possible that the data relating to the semi-finished lenses is not present in the database. The following sections will go through the steps and explain how this can be done.

The options of entering this information are:

1. [Manual entry of lens data](#)
2. [Merging Suppliers](#)

[Calling the order to Kalahari](#)

From the main menu of Kalahari select the **Calculate** option. Enter the job number or tray number (remember to select the search by tray tick box when using the tray number). Click on the **Read Job** button. When the order appears on screen it will have no semi finished lenses to select on the bottom section of the screen. At this point it is necessary to add the lens information to the data base in order to continue.

[1. Manual entry of lens data](#)

Before proceeding through this option ensure the information on the lenses that need to be added are available. Please refer to the information at the end of this section that contains information required for the main semi finished lens types.

To add a lens from an external source use the **Add Semi** function. Once the option has been selected the following screen will appear.

When entering the lens manually the process falls into 2 sections. The first is **Lens**

information that each lens has in common. The second is the **Semi Finished** properties

The screenshot shows the 'Add Lens Semi-finished Data' window. The 'Lens' section contains the following fields:

- Code: XOD28
- Manufacturer: International
- 052
- Description: D28 1.50
- Index: 1498
- Rotate Seg
- Plastic
- Segment Width: 28
- Segment Size: 0
- Blank Seg Inset: 5.00
- Fitting Cross In: 0.00
- Default Inset: 2.00
- Blank Seg Top: 5.00
- Fitting Cross Up: 0.00
- Default Top: 5.00
- Min. Centre: 0.00
- Min. Edge: 0.00
- Base Chart: [empty]
- View button
- Update button
- Add Constant: 0.00
- Thin %: 0

The 'Semi-finished' section contains a table with the following data:

Diameter	Nominal	Actual	Centre	Edge	Adds from	Adds to	Adds from	Adds to
70	0.50	0.51	10.00	16.00	0.50	4.00	0.00	0.00
70	2.00	1.88	11.60	16.00	0.50	5.00	0.00	0.00
70	4.00	3.70	6.80	9.00	0.50	5.00	0.00	0.00
70	6.00	5.64	9.50	9.00	0.50	5.00	0.00	0.00
70	8.00	7.52	10.00	7.00	0.50	5.00	0.00	0.00
70	10.00	9.48	13.00	7.00	0.50	4.00	0.00	0.00
75	0.50	0.51	10.00	16.00	0.50	4.00	0.00	0.00

Below the table are input fields for Diameter, Adds from, to, Adds from, to, Remove, Nominal, Actual, Sag, Radius, Centre Thickness, Edge Thickness, Save, Close, Export, Import, Clone, and Copy Semi-finished.

that the individual semi finished lens holds.

a. Lens Information

The screenshot shows a software interface for entering lens information. The form is titled 'Lens' and contains the following fields and controls:

- Code: XOD28
- Manufacturer: International (dropdown menu)
- 052 (text field)
- Description: D28 1.50
- Index: 1498
- Rotate Seg:
- Plastic:
- Segment Width: 28
- Segment Size: 0
- Blank Seg Inset: 5.00
- Fitting Cross In: 0.00
- Default Inset: 2.00
- Blank Seg Top: 5.00
- Fitting Cross Up: 0.00
- Default Top: 5.00
- Min. Centre: 0.00
- Min. Edge: 0.00
- Base Chart: (empty dropdown)
- Add Constant: 0.00
- Thin %: 0
- Buttons: View, Update

When entering the lens information start at the top and work from left to right. The type of lens will determine the amount of information that needs to be entered. Single Vision will have the least amount of information and Multifocal lenses will require more information.

Code = Unique lens code shared between Kalahari and Annapurna

Manufacturer = Company who makes the semi finished lens

Description = A brief description of what the lens is

Lens Form = What lens design is this

Index = Lens index

Rotate Seg = Option to rotate the seg for blocking

Plastic = Differential between organic and mineral products

Segment Width = Bifocal seg width

Segment Size = Size of the seg

Blank Inset = Amount the lens is pre decentred by.

Fitting Cross In = Amount by which the fitting cross is inset

Default Inset = Standardised minimum inset

Blank Seg Top = Geometric centre to the Seg Top

Fitting Cross Up = Geometric centre to the fitting cross

Default Top = Default amount by which the OC is above the Seg

Min Centre = Lowest centre that can be worked

Min Edge = Lowest edge that can be worked

Base Chart = Base selection chart to work to

Add Constant =

Thin % =

Once the information has been added click on the ~Update~ button to add this to the database.

When the general lens information has been added the Semi-fished data can be added.

b. Semi-Finished information

In the lower section of the screen work from left to right and fill the necessary boxes in.

Diameter = The Diameter of the Semifinished lens

Adds From/To = Lowest add/highest add

Adds From/To = Lowest add/highest add (Secondary add option)

Semi-finished

Diameter	Nominal	Actual	Centre	Edge	Adds from	Adds to	Adds from	Adds to
70	0.50	0.51	10.00	16.00	0.50	4.00	0.00	0.00
70	2.00	1.88	11.60	16.00	0.50	5.00	0.00	0.00
70	4.00	3.70	6.80	9.00	0.50	5.00	0.00	0.00
70	6.00	5.64	9.50	9.00	0.50	5.00	0.00	0.00
70	8.00	7.52	10.00	7.00	0.50	5.00	0.00	0.00
70	10.00	9.48	13.00	7.00	0.50	4.00	0.00	0.00
75	0.50	0.51	10.00	16.00	0.50	4.00	0.00	0.00

Diameter Adds from to Adds from to
 Nominal Actual Sag Radius
 Centre Thickness Edge Thickness

Nominal = Rounded front curve

Actual = Measured front curve

Sag = Thickness in mm from the front to the back surface of the lens

Radius = From the geometric centre to the edge

Centre Thickness = Substance of the semi finished lens at the centre

Edge Thickness = Substance of the semi finished lens at the edge

When one semi finished lens has been entered click the button and then enter the next lens.

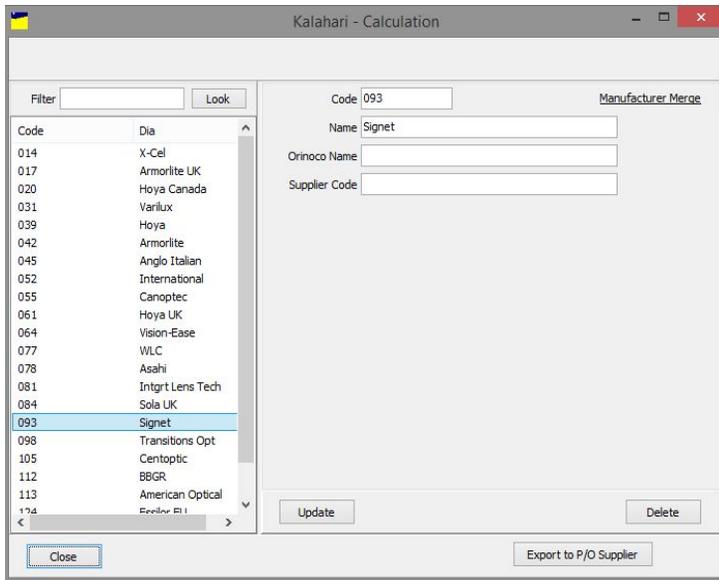
After all the lenses have been added and saved click on the close option and process the required order.

If there are any question relating to this process please call Hawkstone Design for assistance.

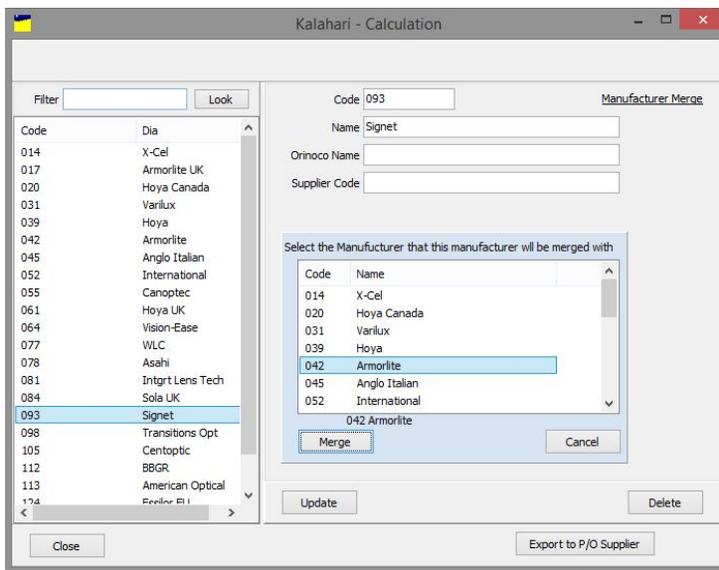
[2.Merging Suppliers](#)

This function allows the users to process this information and ensure that only one record for each manufacturer exists. Before this process is started, it is a good practice to make a note of which manufacturers need to be merged. Once this is done select which manufacturer will become the main one. This will ensure that the process is not repeated for the incorrect record.

To start the process from the front screen of Kalahari, click on the button in the centre section of the screen. The following window will then be displayed.

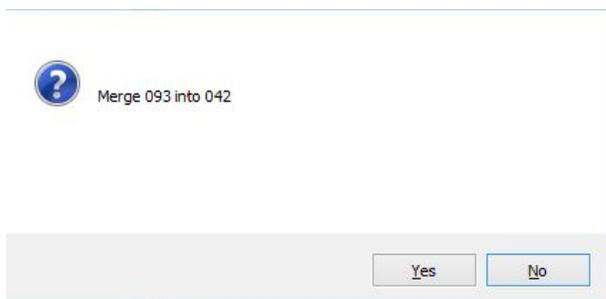


Click on the **Look** button, this will display the list of all Manufacturers. To merge a supplier with an alternative one select the supplier from the list by clicking and highlighting the supplier. The selected supplier will be merged with a new one from the list. This supplier will become redundant. The information relating to the selected supplier will be displayed in the main section of the screen.



On the main screen section, select the **Manufacturer Merge** option. This will display a list of supplier that can be selected to merge the chosen manufacturer too.

Click on the manufacturer that you wish to become the main supplier and the select the **Merge** button.



A confirmation message will be displayed on the screen.

Click 'Yes' to confirm the Merge. This will update all records with the selected manufacturer.

Removing Duplicate Lens Information

Once the manufacturers have been merged it is necessary check for any duplicate lenses still under the old manufacturer code. The merging process will only remove lenses that

do not exist under the new code. Any that remain must be deleted manually.

From the main screen of Kalahari go to the **Lens Data** option. The following screen will appear.

Place the old supplier code in the 'Filter' section and click on the 'Look' button. This will display any lenses that remain for this manufacturer.

Click on the remaining lens(es) to select them and then click on the 'Delete' button. Repeat for all lenses in the list. Once the last lens has been deleted, click on the 'Look' button to ensure that all lenses have been removed.

After all the lenses have been removed the merging process can be repeated for the next manufacturer. Only selecting the suppliers that need to be amended.

Adding Inventory Information

To start using the inventory option within Kalahari. Go to the settings menu and set 'Inventory' to 'Configured'. Restart Kalahari and a new button will appear on the main screen called 'Inventory'.

Setting items to Active Inventory

Inventory information can be placed on any products that are setup in the Kalahari system. However if you want the stock quantity to be updated then they they have to be set to active. To set a product up as active inventory open Kalahari and go to 'Lens Data'.

In the search box place the required code lens code and click on the search icon.

Select the correct lens and supplier combination. When the lens details appear on the right hand section of the screen a tick box will appear that says 'Active inventory'. Ensure that a tick is in this section.

Information can now be set against this lens in the inventory section.

The screenshot shows the 'Kalahari - Calculation' window. On the left, a table lists lens data with 'S28A E00 D28, Bifocal' selected. The right panel shows detailed settings for this lens, including 'Code S28A', 'Manuf. Code E00', and 'Description D28, Bifocal'. A yellow highlight is placed over the 'Inventory Active' checkbox, which is checked. Other fields include 'Index 1498', 'Both Eyes N', 'Aperture 0', 'Aspheric N', 'Aspheric% 100', 'Segment Width 28', 'Segment Size 0', 'Blank Seg Inset 5.50', 'Fitting Cross In 0.00', 'Default Inset 2.00', 'Blank Seg Top 6.00', 'Fitting Cross Up 0.00', 'Default Top 6.00', 'Min. Centre 2.20', 'Min. Edge 0.00', 'Add Constant 0.00', 'Thin % 0', and 'Builtin Thin % 0'. Buttons for 'Update', 'Delete', 'Close', 'Export', and 'Import' are visible at the bottom.

Code	Manufacturer	Description
S28A	A00	D28, Bifocal
S28A	E00	D28, Bifocal
S28A	Q00	D28, Bifocal
S28A	S00	D28, Bifocal
S28A	T00	D28, Bifocal
S28A	U00	D28, Bifocal
S28A	V00	D28, Bifocal

Setting information in the Inventory Section

To setup information against particular product lines enter the 'Inventory' option from the Kalahari main screen. From this screen there are 2 product views. 'Active Items Only' and all items. At the top left of the window is a tick box. Removing the tick will show all items.

The inventory products can be navigated by specific lens codes or by using the tree that can be seen on the left side of the window. Locate the product that needs to be amended, select it and then information will appear on the right side of the window.

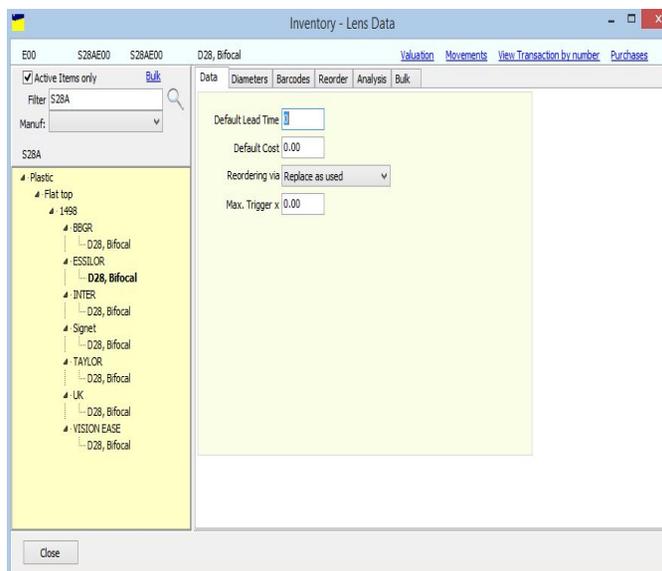
Data Tab

'Default Lead Time' - Time it take for the supplier to provide the lens.

'Default Cost' - Cost Price of the lens

'Reordering via' - how the replenishment is done. Placed on an as used basis or when a lens is below a trigger amount.

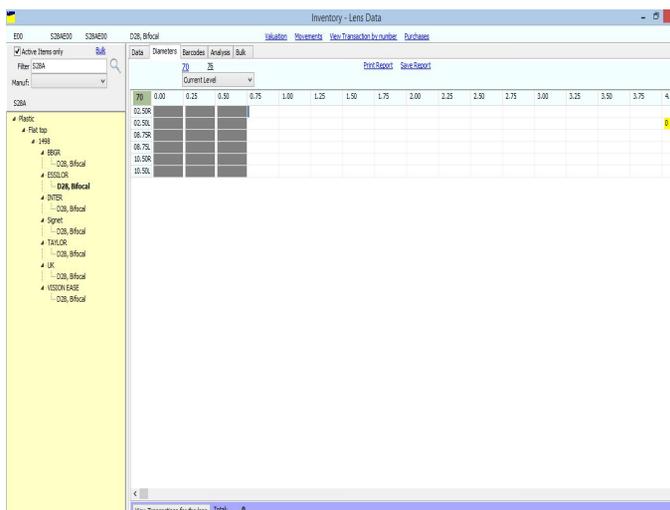
'Max Trigger x' - this is the maximum amount of stock that will be ordered based on trigger level multiplied by this value. (trigger = 20, multiplier = 2 maximum reorder would be $20 \times 2 = 40$)



Diameters Tab

From this tab most of the data will be displayed and input. There are the options to view current information and add to the information.

All of the options will follow the same process and will need to be repeated for each diameter type, lens options and supplier of the lens. At the top of the window there is information relating to Diameters. Once the diameter is selected information for the combination will be displayed in the central part of the window.



The options relating to the current stock that are available in this section are as follows:

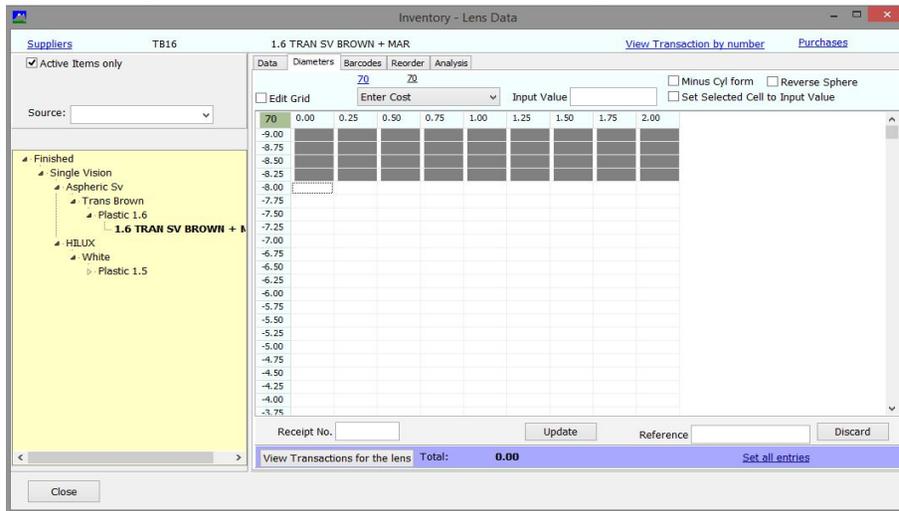
Applying Buy in/Cost Pricing

Within the Inventory section of Annapurna or Kalahari it is possible to set the current Buy-in price of a product. This can differ by diameter and lens power range.

From the main screen of Kalahari or the Inventory menu of Annapurna select the Inventory or Finished lens option. A list of all active lenses will be displayed. Locate the required product and click on it. This will then open to the Diameter menu.

From this menu it is then possible to enter the product cost price.

From the drop down menu select the 'Enter Cost' option. Place the value that is to be applied against the lens in the 'Input Value' box. Tick the option for



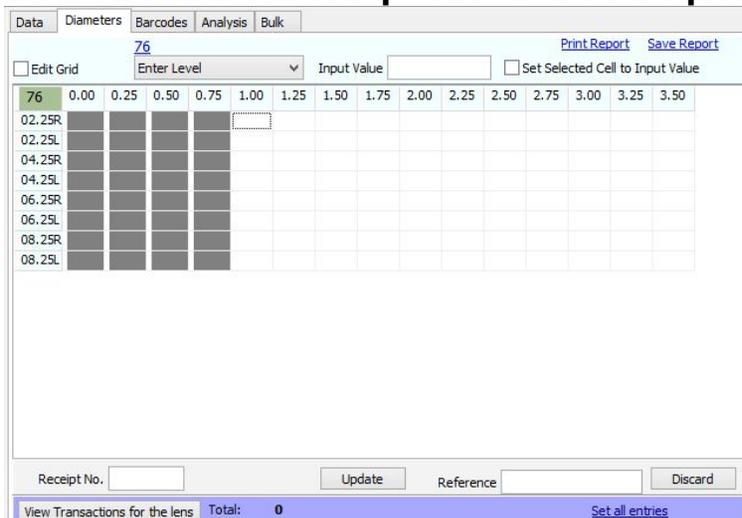
Set Selected Cell to Input Value . Select the columns and rows that the prices apply to. The prices will then be displayed in these rows and cells. Click on 'Update' this will then update the product data for this lens and diameter.

Select the next diameter and repeat the above steps.

Applying Lens Level

From the list of active lenses will be displayed. Locate the required product and click on it. This will then open to the Diameter menu.

From this menu it is then possible to enter the product stock level. From the drop down menu select the 'Enter Level' option.



Place the value that is to be applied against the lens in the 'Input Value' box.

Tick the option to 'Set Selected Cells to Input Value'. Select the columns and rows that the level is to apply to. The level will then be

displayed in these rows and cells. Click on '*Update*' this will then update the product data for this lens and diameter. Select the next diameter and repeat the above steps.

Applying Lens Count

From the list of active lenses will be displayed. Locate the required product and click on it. This will then open to the Diameter menu.

From this menu it is then possible to enter the product stock level. From the drop down menu select the 'Enter Level' option.

Place the value that is to be applied against the lens in the '*Input Value*' box.

Tick the option to '*Set Selected Cells to Input Value*'. Select the columns and rows that the level is to apply to. The level will then be displayed in these rows and cells. Click on '*Update*' this will then

update the product data for this lens and diameter. Select the next diameter and repeat the above steps.

Applying Lens Receipt

From the list of active lenses will be displayed. Locate the required product and click on it. This will then open to the Diameter menu.

From this menu it is then possible to enter the product stock level. From the drop down menu select the 'Enter Level' option.

Place the value that is to be applied against the lens in the '*Input Value*' box.

Tick the option to '*Set Selected Cells to Input Value*'. Select the columns and rows that the level

is to apply to. The level will then be displayed in these rows and cells. Click on 'Update' this will then update the product data for this lens and diameter. Select the next diameter and repeat the above steps.

Applying Lens Trigger Level

From the list of active lenses will be displayed. Locate the required product and click on it. This will then open to the Diameter menu.

The screenshot shows a software interface with a menu bar (Data, Diameters, Barcodes, Analysis, Bulk) and a sub-menu for 'Diameters' with the value '76'. Below the menu, there is an 'Edit Grid' checkbox, a dropdown menu set to 'Enter Trigger Level', an 'Input Value' text box, and a 'Set Selected Cell to Input Value' checkbox. The main area is a grid with columns for diameters (0.00, 0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00, 3.25, 3.50) and rows for lens types (76, 02.25R, 02.25L, 04.25R, 04.25L, 06.25R, 06.25L, 08.25R, 08.25L). The '76' row is highlighted. At the bottom, there are fields for 'Receipt No.', 'Update', 'Reference', and 'Discard', along with buttons for 'View Transactions for the lens', 'Show Proposed Trigger', and 'Set all entries'.

From this menu it is then possible to enter the product stock level. From the drop down menu select the 'Enter Level' option.

Place the value that is to be applied against the lens in the 'Input Value' box.

Tick the option to 'Set Selected Cells to Input Value'. Select the columns and rows that the level is to apply to. The level

will then be displayed in these rows and cells. Click on 'Update' this will then update the product data for this lens and diameter. Select the next diameter and repeat the above steps.