



mira

**Software for material and tool
management**

MANUAL

COMPOSITE ITEMS

MIRA Software is a product of **IZIT bv**
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1. Configuration of a composite item

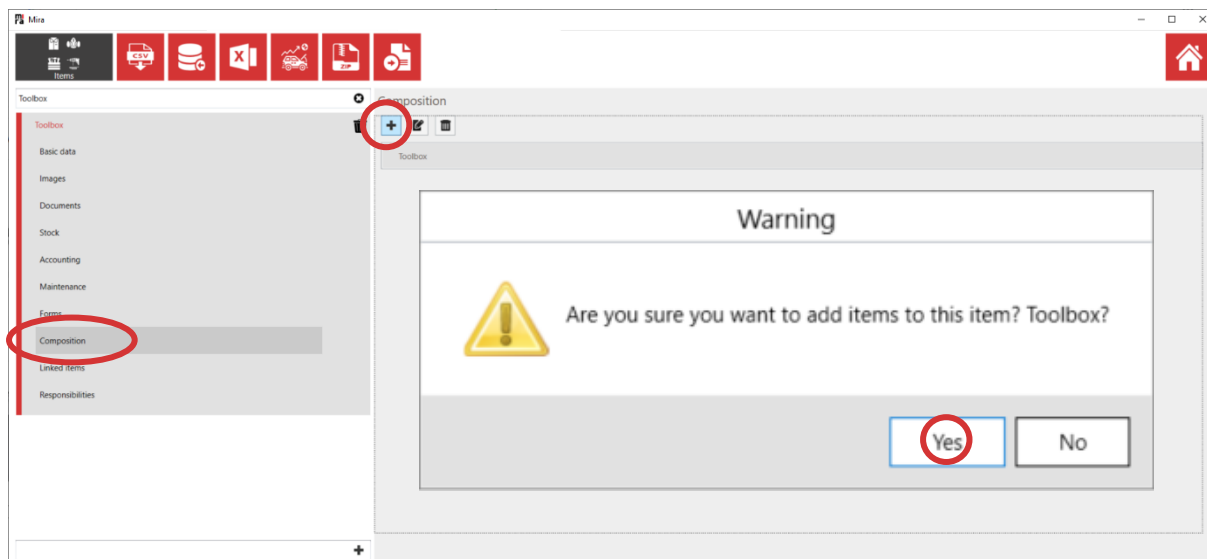
Composite items allow you to treat a combination of items existing in MIRA as 1 whole (item). However, it is still possible to lend the sub-articles separately from the composite article.

At item level

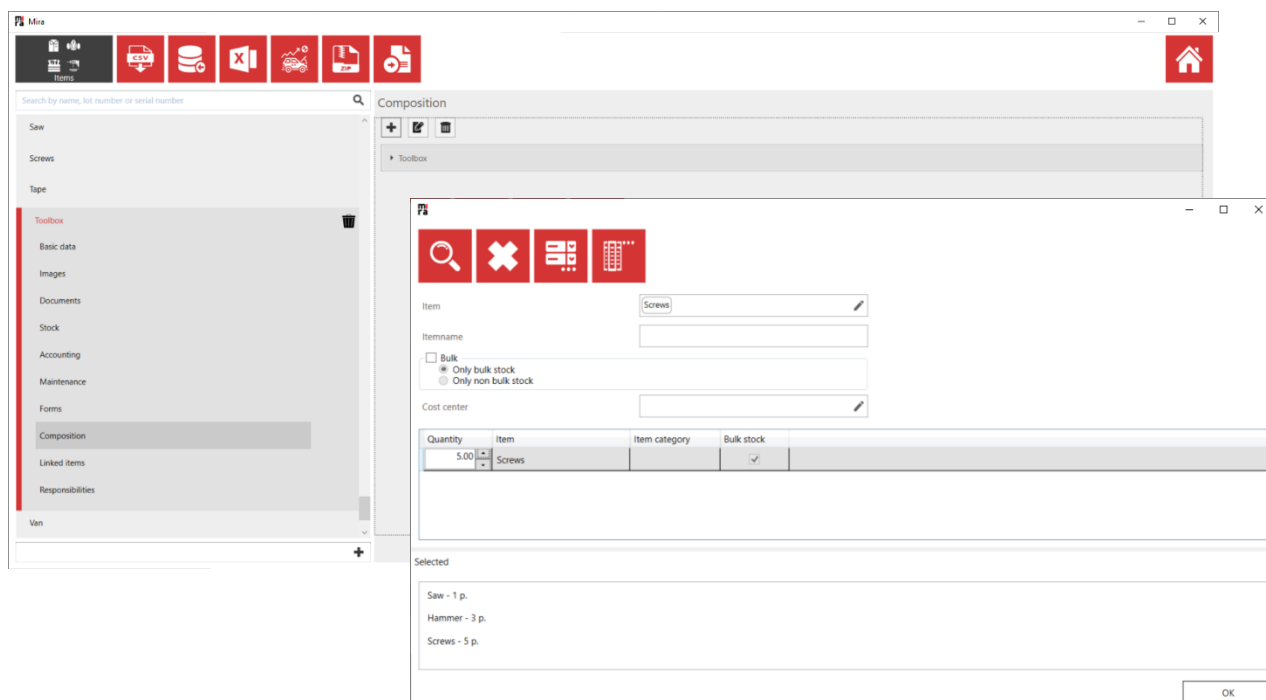
Configuring a composed item is done in the same way as for other articles. You go to the start screen, click on 'Basic data' -> 'Items' and click on the + sign at the bottom. In the example, a toolbox is created. Do not forget to click on 'Save' once you have completed the fields. Please note that a composed item can never be bulk stock.

The screenshot shows the MIRA software interface. The top bar contains icons for Home, CSV, Database, Excel, and other functions. The main area is divided into a search bar, a list of items on the left, and a 'Basic data' configuration form on the right. The form includes fields for Name, Supplier number, Supplier, Category, Cost center, Bulk (radio buttons for Bulk and Non bulk), Packaging, Is expected back, Standard order horizon, Standard minimum stock, Standard requisition period, and Default amount at checkout. A red arrow points to the 'Name' field, and a red circle highlights a '+' sign at the bottom left of the form.

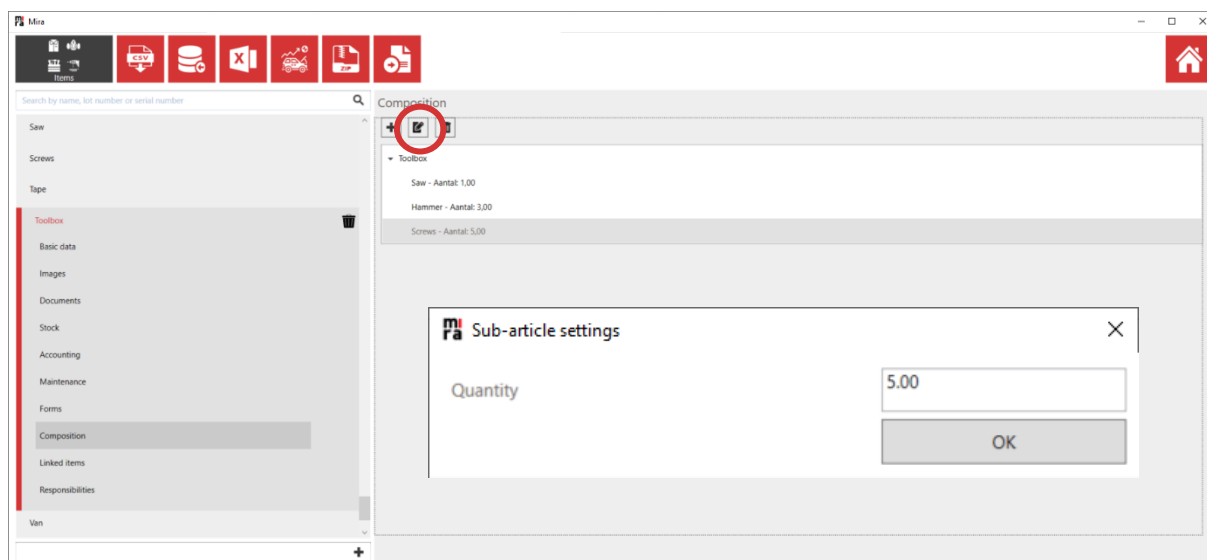
Next, you can configure which sub-items must be present in a composed item. You can compare this with a reminder. To do so, click on 'Composition', then the + sign and then 'Yes'.



In the example, we notify MIRA that each 'Toolbox' (= main item) must contain 1 saw, 3 hammers and 5 screws. These items are the sub-items. Please note that this is the setting at item level and no unique stock items are defined yet.

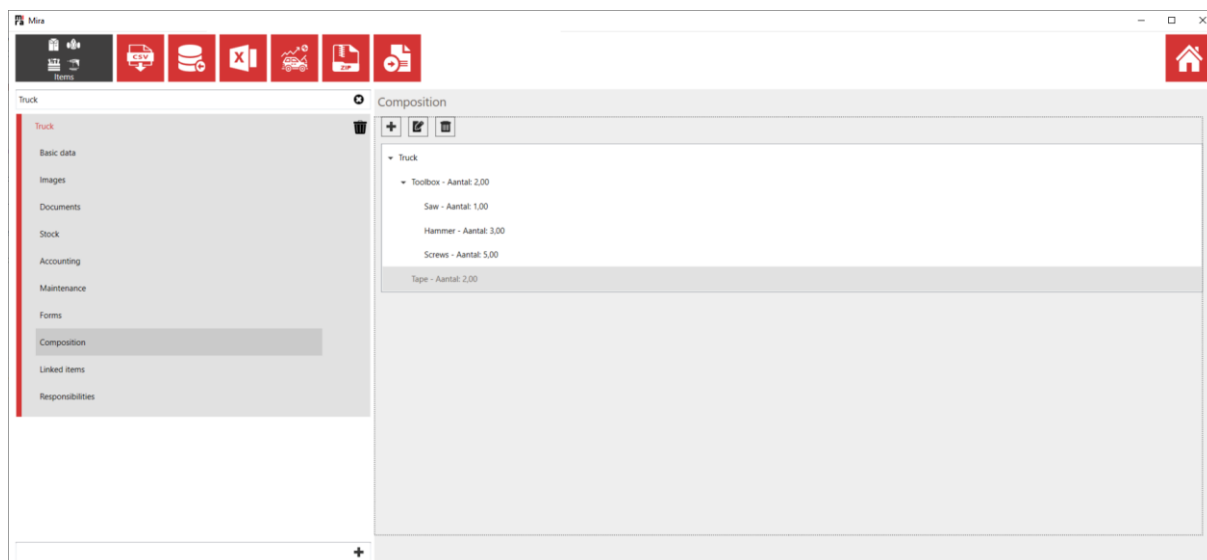


If you wish to edit or delete any of the sub-items, click on the pencil or the bin.



You can even turn a sub-item into a composite item or vice versa. In the above example, it may seem a little strange that you can still make a composite item out of one of the sub-item (e.g. that the saw contains other items).

Let's illustrate this with the example below. Here, a main item 'Van' was created, the toolbox and ladder were added as sub-items. You can open the toolbox (arrow) and there you can see the composition of the toolbox, which in turn is also a composite item. This way, you can create an entire tree structure of your tools and materials.



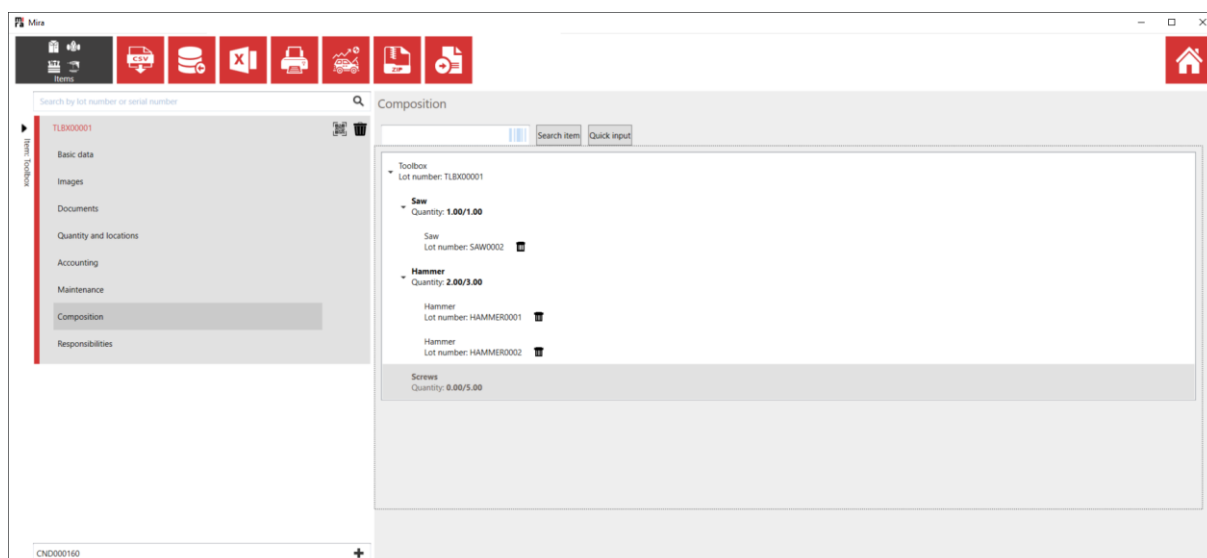
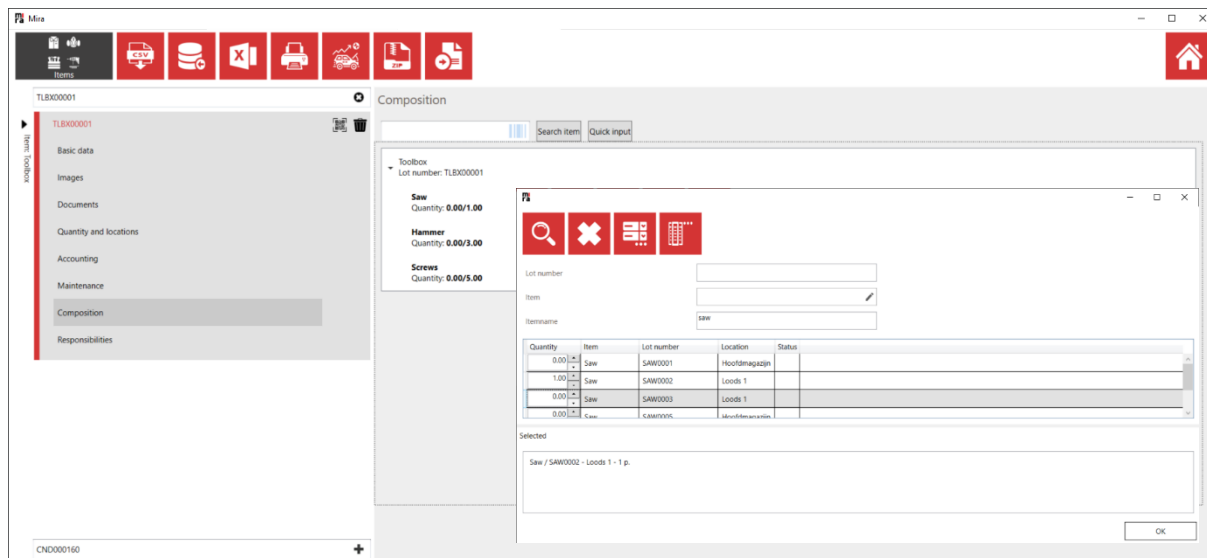
At stock level

Now you can indicate for each tool case individually (at stock level, per lot number) which specific sub-STOCK item (per lot number) you want to add. To do so, go to 'Stock' and then click on the + sign to create a stock item.

The screenshot shows the Mira software interface. On the left sidebar, the 'Stock' option is highlighted with a red circle. The main window displays the 'Basic data' form for a 'Toolbox' item. The form includes fields for Name, Supplier number, Supplier, Category, Cost center, Bulk (with radio buttons for Bulk and Non bulk), Packaging, Is expected back (checked), Standard order horizon (0.00), Standard minimum stock (0.00), Standard checkout period (0), Remarks, and Default amount at checkout (0.00). The language is set to EN.

The screenshot shows the Mira software interface with the 'Basic data' form for a stock item. The left sidebar shows the 'Stock' menu. The main window displays the 'Basic data' form for an item named 'Toolbox'. The form includes fields for Item, Lot number (TLBX00001), Serial number, Cost center, Date in use (14/04/2021), Remarks, Status, Temperaturatuur (0.00), Afschrijvingsdatum, Kleur, and Depreciation date. The language is set to EN. The bottom of the window shows the item code 'CND000160' and a '+' sign to add more items.

The composition of the specific tool case with lot number TLBX00001 can now be set. Click on "Search item". A pop-up menu appears in which you can see the sub-items per lot number and indicate them to make them part of the composite item.



In the example above, the Toolbox with lot number TLBX00001 consists of 1 saw with lot number SAW0002 and 2 hammers: HAMMER0001 and HAMMER0002. The other hammer and the screws have not yet been added.

2. Checking out / in a composite item

Go to the landing screen and scan the item or search for it using the 'Search item' button. Click on the desired composite item.

The screenshot shows the MIRA software interface. The top bar contains navigation icons. The left sidebar displays user information for Laura Vanheuverzwijn. The main area features a 'Select stock' dialog box with the following fields and options:

- Itemname: tool
- Actual location: [dropdown]
- Return options:
 - Return
 - Only articles that must return
 - Only articles that must not return
- Lot number: [input]

Below the dialog box, a table displays the selected item:

Item	Available quantity	Lot number	Status
Toolbox	1.00	TLBX0001	

Buttons for 'New item', 'Search item', and 'OK' are visible at the bottom of the interface.

When checking out the composite item, you will receive a message telling you whether the composite article is complete or not.

The warning dialog box contains the following text:

Warning

Bulkstock incomplete
 Item: 'Hammer'
 Article not present
 Item: 'Screws'

Buttons: OK, Cancel

To check in the composed item again, click on it and then on the arrow 

A pop-up window will appear with a content check. Note that the full list of items is not requested, but only the sub-items that were included in the loan. In this case, there were only 2 hammers and a saw, and a content check will only be asked for these 2 hammers and the saw.

