

Getting Started in Data Fusion with Manufacturing and BOMs.

After creating your profile and logging in, please follow these steps to get you running as smoothly as possible.

Go to settings:



1)

Multi Stores

Activate/deactivate add and remove stores as required.

Stores Master				
+ Add New Store				
Code	Description	Allow Receiving	Allow Picking	Active
FG	Finished Goods	☒	☒	☒
RM	Raw Materials	☐	☐	☒
WIP	Work In Progress	☐	☒	☒

2)

Company Master


 Settings

Company Details

Company Name	Data Fusion Demo	Sage Company ID	11961
Contact Person	Russell	Contact email	russell@manifolds.co.uk
Tel 1		Tel 2	

Item Quantity - decimal places

Auto Update Sage on Picking Complete	☐	Auto Generate Sage Tax Invoices	☐
Use Lot Tracking	☒	Lot Tracking Advanced	☐
Use Auto Manufacture	☐		

Use Produce Weights (for deliveries, shipping etc) ☐

Sage field name used for Unit weight

Use Picking Slip Tracking ☐

Use Pack Sizes ☐

Use BarCodes ☐

Module 2 Active ☐

Module 3 Active ☒

Show Manufacturing Costs On Works Orders ☐

Send Notifications ☒

Testing Mode
In Testing Mode, integration with Sage accounting is ONE WAY only. No data is sent TO Sage, but all data FROM Sage is current and refreshed on demand.

☐

No file chosen

Image limitations

Lot Tracking is the most critical selection on this screen, to be decided and selected BEFORE synchronising stock. Only select Lot tracking if you are 100% certain it is a requirement.

Try leaving as many of the other features unchecked initially, as it will simplify system use. They can be altered as users become more familiar with using Data Fusion.

3)

Import Opening Balances From Sage To Stores

Carefully check all option checkboxes to filter out to the list you want displayed. The system will show you Sage on hand as well as Data Fusion on hand.

Fusion					
Find Description/Category		☐ Limit to Sage Zero Balances ONLY ☐ Show Zero Balances ☐ Show Mis-matched Only			
Code	Description	Category	On Hand (Sage)	On Hand (Data Fusion)	Select All
643044	Green universal cushions		214.00	211.00	☐
639795	High chair cover	Chairs and Cushions	218.00	12.00	☐
639801	Multi purpose wipes		201.75	106.75	☐
149554	Orange bicycle	Bicycles	177.00	143.00	☐
149553ZZ	Yellow stroller with green wheels		234.00	297.00	☐
311066	Stroller cover - Blue	Chairs and Cushions	10 298.00	10 298.00	☐
311073	Chair cushion Orange	Chairs and Cushions	130.00	95.00	☐
618127	Green chair with brown piping	Chairs and Cushions	64.00	52.00	☐
31040	Ultimate chair with wheels		84.00	34.00	☐
608920	Plastic bike with big wheels	Bicycles	166.00	42.00	☐
152669	Silver ball with yellow dots		194.00	188.00	☐

Select the items you want to synchronise, and the store so sync to:

Find Description/Category		☐ Limit to Sage Zero Balances ONLY ☐ Show Zero Balances ☐ Show Mis-matched Only			
Code	Description	Category	On Hand (Sage)	On Hand (Data Fusion)	Select All
643044	Green universal cushions		214.00	211.00	☒
639795	High chair cover	Chairs and Cushions	218.00	12.00	☒
639801	Multi purpose wipes		201.75	106.75	☒
149554	Orange bicycle	Bicycles	177.00	143.00	☒
149553ZZ	Yellow stroller with green wheels		234.00	297.00	☐
311066	Stroller cover - Blue	Chairs and Cushions	10 298.00	10 298.00	☐

Move to Store

Select Store-

- Select Store-
- Finished Goods
- Raw Materials
- George Con
- Mastla Mine

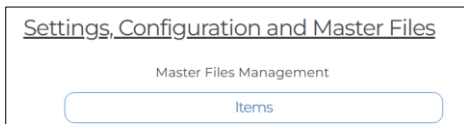


Stock levels of selected items will now match.

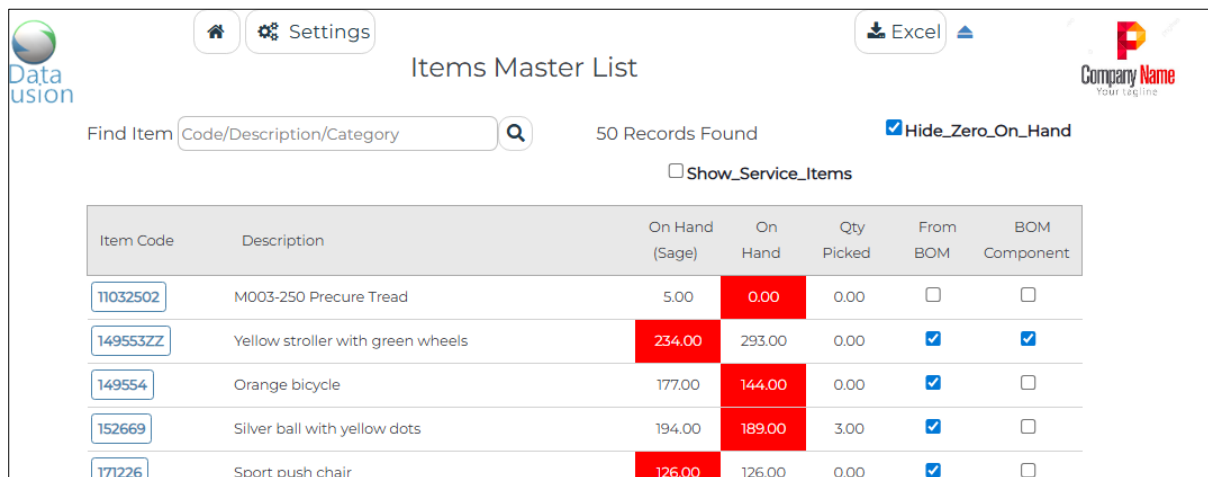
4. Creating Bill of Materials (BOM's)

To create BOM's a few steps need to be followed:

1 - Items need to be defined if they are Finished Goods (made from a BOM) or if they are BOM Components. This is carried out under the Items Master list.



- Verify if you want to show "Hide_Zero_On_Hand".
- View each item and select the relevant checkbox to define if the item is Made from a BOM or is a BOM component. Both can be selected if your processes have multi-phase manufacturing.



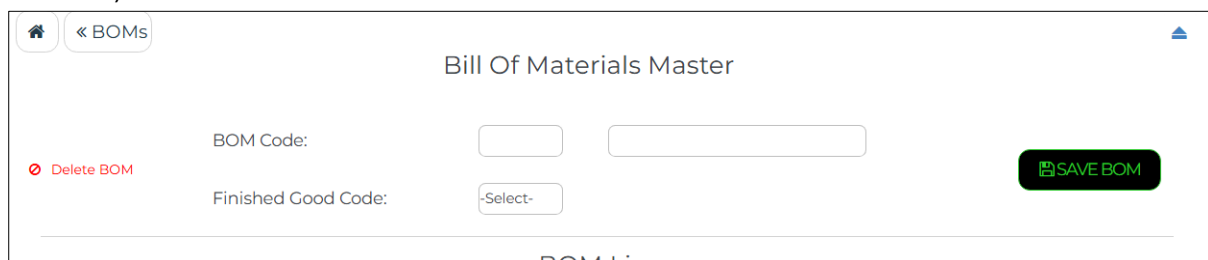
Item Code	Description	On Hand (Sage)	On Hand	Qty Picked	From BOM	BOM Component
11032502	M003-250 Precure Tread	5.00	0.00	0.00	☐	☐
149553ZZ	Yellow stroller with green wheels	234.00	293.00	0.00	☒	☒
149554	Orange bicycle	177.00	144.00	0.00	☒	☐
152669	Silver ball with yellow dots	194.00	189.00	3.00	☒	☐
171226	Sport push chair	126.00	126.00	0.00	☒	☐

Once items are defined as Finished Goods or Components. Move on to the next step.

2) Setting up BOMs.



Define your BOM Code and description and select which Finished Goods item code this is to create. (Only items you selected as "From BOM" will be listed in the Finished Good Code selector.)



Bill Of Materials Master

BOM Code:

Finished Good Code:

☒ Delete BOM

Add component lines (only BOM components will be listed) as required:

BOM Lines						
Line Item Code	Item Description	RM Qty	UOM	Av Unit Cost	Av Cost	
639801	Multi purpose wipes	3.000000		58.8450	176.5350	 
AFUL100	6009880532575 - BCAA/EAA Pwd 455g Oran Tang	2.000000	Gram	10.0000	20.0000	 
MISC	Miscellaneous - add details	7.000000		0.0000	0.0000	 
Select		0		0.0000	0.0000	 
Total		12.0000			196.5350	
				Additional Costs 1		
				Additional Costs 2		
				Additional Costs 3		
				Additional Costs	0	

 **SAVE BOM**

Only after this workflow has been completed, will you be able to create a works order to convert raw materials to finished goods.

Follow the “Create a Works Order for Manufacture” document next.