

Manufactured Inventory Entry

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This function at *Accounting / Inventory / Manufacture Inventory* creates some manufactured product based on the formula defined at the product level. The formula is established for a set quantity. The raw materials are relieved and the inventory for the finished item is increased.

	<Name>	Quantity	Unit	Lot Number	
1	Green Peas-25 Lb Bag	10.000	Bags		▼
2	Bag - 50 lb size	5.000	Each		▼

- **Reference #** – The program can automatically assign a reference number if the preference is set at *Setup / Preferences* under **Counters**. If it is not set to automatically number, enter a control number here – for example a hand ticket number. A reference number must be in this area for the transaction to be saved.
- **Date** – Enter the date the product is blended.
- **Product** – Double-click to select the product which represents the finished good.
- **Lot Number** – If a lot number is to be associated with the finished good, enter it here. This is an optional entry.
- **Quantity Produced** – Enter the amount blended in Inventory Units.
- **Comments** – This is an optional place for notes.
- **Containers** – This allows refillable containers to be selected for the manufactured inventory if necessary.
- **Reorder** – The raw materials listed may be ordered differently in the grid. On each line item, set the priority in the *Reorder* column of the grid, and then choose **Reorder**. This changes the order the products show in the grid.
- **Product Grid** – This displays the name of each raw ingredient, the quantity used based on the *Quantity Produced* amount and the units. Lot numbers may be selected from the available lots for each raw ingredient. Moving to the right displays the *Unit Cost*, *Extended Cost* per raw material, and the *Reorder* number.

- **Total Raw Materials Cost** – Based on the cost set on the Inventory Department, the total cost of the raw materials displays.
- **Total Raw Materials Usage (lb)** – Calculated by using the unit weight from the product profile, the total pounds of raw materials display.
- **Print on Save** – Optionally print the manufactured inventory.

Manufactured Inventory Process

Produce a finished product from raw products, adjust inventory, and move and updates the cost of the products.

1. Navigate to *Accounting / Inventory / Manufacture Inventory*.
2. On the *Select a Manufactured Inventory Entry* window, select **Add**.
3. Enter the *Date* and double-click in the *Product* field to select the finished product being produced.
Note: Only products with Manufactured Formulas established are available to select.
4. Enter the amount produced in the *Quantity Produced* field.
Note: As the *Quantity Produced* is entered, the *Quantity* of the raw products changes to display the correct inventory quantities as determined in the Manufactured Formula.
Note: Saving this entry updates the *Last Cost* and *Average Cost* for the finished good. If this department is computing Invoice cost based on *Estimated Average Cost*, it is also updated. The cost of the manufactured good displays when creating this transaction.
5. **Save** the entry to update inventory.
Note: If the total of the quantity of the raw products involved in the Manufacture Inventory process does not equal the quantity produced by the batch, a message displays upon saving. If the formula is correct, select **OK** to save the entry.

Posting Notes

Save of the Manufactured Blend

- **Inventory Detail** – A record is made for the finished product and each raw material to leave an audit trail of inventory activity.
- **Inventory Amount on Hand** – This amount is updated for the products involved. The finished product's quantity is increased and each raw material's quantity is decreased.
- **Finished Product Cost** – The blended product's *Average* and *Last Costs* are updated based on the cost of the raw materials.

General Ledger

General Journal Entry	Debits	Credits
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Total cost of all raw materials	Cost of Sales for finished product	
Each raw material cost		Cost of Sales for each raw material product

If using *Transactional Inventory* valuation, the following information is included in the journal entry:

General Journal Entry	Debits	Credits
Total cost of all raw materials	Inventory Asset for finished product	
Each raw material cost		Inventory Asset for each raw material product

Reverse – A new entry is made that is opposite of the original. All corresponding posting occurs.