

A2000ERP ~ INVENTORY

How to create an Assembly through the Bill Of Material?

How To Create Assembly Item

Through the Products & Service Maintenance screen, create the assembly stock item. At the field "Usage", select type "Assembly" for this item.

The screenshot shows the 'Product & Service Maintenance' window. At the top, there are tabs for 'Product Info', 'Attribute', 'Item Memo', 'Advanced Info', 'Customer Sub-Code', and 'Supplier Sub-Code'. Below the tabs, there are input fields for 'Product Code' (3/8x1hb GI), 'Description' (ESHH-3/8"x1" Hexagon Bolt GI), 'Pack Info', and 'Other Description'. There is an 'InActive Item' checkbox. Below these fields are two main sections: 'Product Classification' and 'Unit of Measure'. In the 'Product Classification' section, the 'Usage' field is highlighted with a red rectangle and set to 'Assembly'. Other fields in this section include 'Type' (Stock Item), 'A/C Group' (STK), 'Group' (STK), and 'Brand'. The 'Unit of Measure' section has fields for 'Stock Unit', 'Purchase Unit', 'Sales Unit', and 'Biggest Case Unit', all set to 'Unit' except for 'Biggest Case Unit' which is set to 'PCS'. There is also an 'ADDITIONAL' button with a plus icon. At the bottom right, there is a 'Sales Pricing Information' section.

2 Build The Bill of Material (BOM)

After the assembly item is created, proceed to the Bill of Material screen at Masters – Bill of Material (BOM). This BOM is the place to create your inventory issue template.(See below example below)

- *Product Select the product code of the assembly item.
- *Description Enter the description of the assembly.
- *Component Select the product code of the items that will constitute the assembly.
- *Quantity Enter the quantity of each product needed.
- *Std Cost Enter the Standard Cost so that pre-production costing can be estimated.

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Bill of Material

ADD EDIT EXIT

Product 1/2GI Bolts

Description 1/2GI Bolts

Assembly Item

Component	Component Name	Quantity	Unit	Warehouse	Standard
✗ Bolt	Bolt	1.00	UNIT	WH	0.00
✗ screw	Screw	2.00	UNIT	WH	0.00
✗		0.00			0.00

Raw Material

CLONE SAVE EXIT

3. Stock Kit Assembly Transaction

After "Create the assembly item" and "Build the Bill of Master" are done, you are ready to start the Stock Kit Assembly transaction. Accounting-wise, this transaction is similar to the IT Stock Transaction in its handling of stock posting accounts. This transaction is found at: Inventory - Stock Kit Assembly.

(a) Header Information

Type Click to select IK for Stock Kit transaction.

Reference Enter your reference number.

Date Select date.

PDSU Select your PDSU codes.

Narration Enter narration for this kit assembly.

Currency is auto-populated and it is the base currency.

Rate is auto-populated and it is always one.

(b) Kitting Information

After entering the main header information, proceed to the kitting info screen.

BOM Select the appropriate Bill of Material that was created in Master - Bill of Material.

Assem Qty Enter the assembly quantities. In above example, a number of 5 items is to be built.

Add Mfg / Other Costs Enter any other cost that relates to this kit assembly transaction. Example of such cost is Labor Cost, Production Supplies, Rental of Premises etc. Remember to enter the Assembly Cost Credit field in System Manager - Accounts Posting Setting - Assem. Cost CR field.

Warehouse Select warehouse that this kit is assembled.

(c) Confirmation of BOM

Confirm After the quantity to build is entered, click the Confirm button to check the status of your Building Kit Assembly. The Confirm button will trigger following pop-up box to appear:

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Building Kit Assembly

Building Kit Assembly

You have specified of assembly for to receipt into

Based on available quantity, you may build assemblies

The following stocks will be deducted from your inventory for this built.

Component	Description	WH	Unit	On Hand Qty	Need Unit Qty	Need Total Qty	Can Built Qty
Bolt	Bolt	WH	UNIT	10.00	1.00	5.00	10.00
screw	Screw	WH	UNIT	20.00	2.00	10.00	10.00

NOTE : Double Click the boxes to Assign Serial Number

☐ Not / Partially Assigned ☐ Fully Assigned







(d) Final Stock Kit Item List

To confirm the kit, click the “Confirm Kit” and you will be brought back to Stock Kit Assembly screen:

This screen shows the details that will be deducted off the stock ledger.

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Stock Kit Assembly

ADD   EDIT     Stock Kit Assembly

Type No Ref No./Doc No. Date

PDSU

Currency Exchange Rate

Narration

KITTING INFO

BOM

Assembly Qty Warehouse

Add Mfg./Other Costs

Product	Warehouse	Assem.Qty	Issued	Unit	Cost	Value
Bolt	WH	1	5	UNIT	5	-25.00
screw	WH	2	10	UNIT	0.5	-5.00
	WH	0	0			

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