

| CHANGE REQUEST | |
|---|-----------------------------|
| Change Request # CR0189 | PO Receipt to Quick MO Link |
| Description of Change | |
| <p>Description of Need: ACMECO needs to auto-generate a Quick MO for the parent-item when a PO Receipt for certain child-items is posted.</p> <ul style="list-style-type: none"> • The component parts have an indicator in Item User Defined #5 to tell whether a part belongs to a parent item, which needs to be built, or if the component should be ignored when received. <ul style="list-style-type: none"> ○ Y or y = create a quick MO for the items' parent part ○ N or n = skip the part ○ Blank, or other value = alert user about this part • When a PO receipt is posted: <ul style="list-style-type: none"> ○ Ignore items that have an N in UDF#5 ○ Alert the user about any items with a Blank in UDF#5 ○ If UDF#5 = Y, locate the parent item for the component by doing a lookup on the BOM table. ○ Create a Quick MO for the parent item. • The child-item quantity on the PO receipt is always a multiple of the item's BOM Quantity • Creating the Quick MO: <ul style="list-style-type: none"> ○ Calculate the Parent part's End Quantity based on the quantity received of the component and the BOM quantity of the component. So, if the BOM quantity is 5, and 10 are received, create an MO for 2 of the parent. ○ If the child-item quantity is not an even multiple of the BOM quantity, round down to the next closest multiple. So if the BOM quantity is 5, and 9 are received, calculate the End Quantity of the parent based on 5 of the child-item. ○ Put the PO Receipt Number into the MO Description field • PO Receipts are normally posted at the transaction level, however, the customization should also handle batch posting. <p>Description of Solution:</p> <p>When a PO Receipt is posted with a "build item" described above, the system will locate the Parent Item (or Parent Items), and add them to the MO Generator window (shown below).</p> <p>This window will have two views:</p> <ul style="list-style-type: none"> • Build Items – which shows all of the component parts on the MO Receipt (or MO Receipts if posting from a batch), their quantities, parent part number(s), and build quantities • Errors – which shows any parts where UDF#5 was blank, had something other than Y or N, or where there was a Y but no BOM could be found, or other error conditions. | |

MO Generator

Build Delete Print

View Build Items

| Item Number | Qty Rcvd | Parent Item | Build Qty |
|-------------|----------|-------------|-----------|
| 123456PS | 10 | 123456 | 2 |
| | | 123333 | 2 |
| 76453P | 2 | 76452 | 2 |

When the posting process is complete, the MO Generator window will pop-open. If a component part (such as 123456PS above) belong to more than one parent item, there will be multiple rows in the window. The user will click one row to select which parent to build, then click the BUILD button.

Quick MOs

Build Picklist and Save Close MO Clear Reports Cancel

MO Number MO0134 MO Status

Description Description Post To WAREHOUSE

Item Number BA100G BOM Type MFG BOM

Base Assembly BOM Name

End Quantity 2 Job Number

Sort by: Item Number Add Component

| Pos. | Component | Backflush Site ID | Required Quantity | Actual Quantity |
|------|-------------|-------------------|-------------------|--------------------|
| | Description | | | Available Quantity |

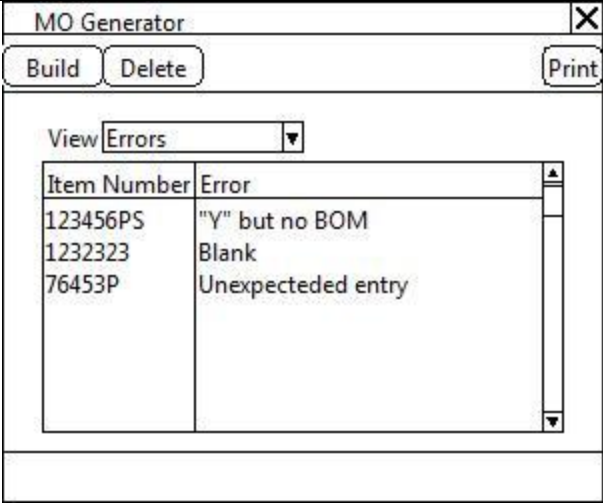
The Quick MO window will pop-open with the MO Number, Item Number, and End Quantity populated. The user will perform other steps needed from that point to process the MO.

Selecting a line and clicking BUILD will also cause the line (or lines) for that component to be removed from the MO Generator window (i.e. for 123456PS the first two lines would be deleted). The user can also manually delete a line (or lines) by selecting one and clicking DELETE.

The user will not be able to close MO Generator until all “build item” lines are gone. After a Quick MO has been created (saved or closed), the user will close the Quick MO window and return to the MO Generator window to select another line.

If items have errors, the MO Generator window will open first to the Errors view (shown below). This view will list all items from the PO Receipt (or Receipts for batch posting) that have an error.

The Errors view, and Build Items view, can both be printed by clicking the Print button.



The screenshot shows a window titled "MO Generator" with a close button (X) in the top right corner. Below the title bar are three buttons: "Build", "Delete", and "Print". A "View" dropdown menu is set to "Errors". Below this is a table with two columns: "Item Number" and "Error".

| Item Number | Error |
|-------------|------------------|
| 123456PS | "Y" but no BOM |
| 1232323 | Blank |
| 76453P | Unexpected entry |