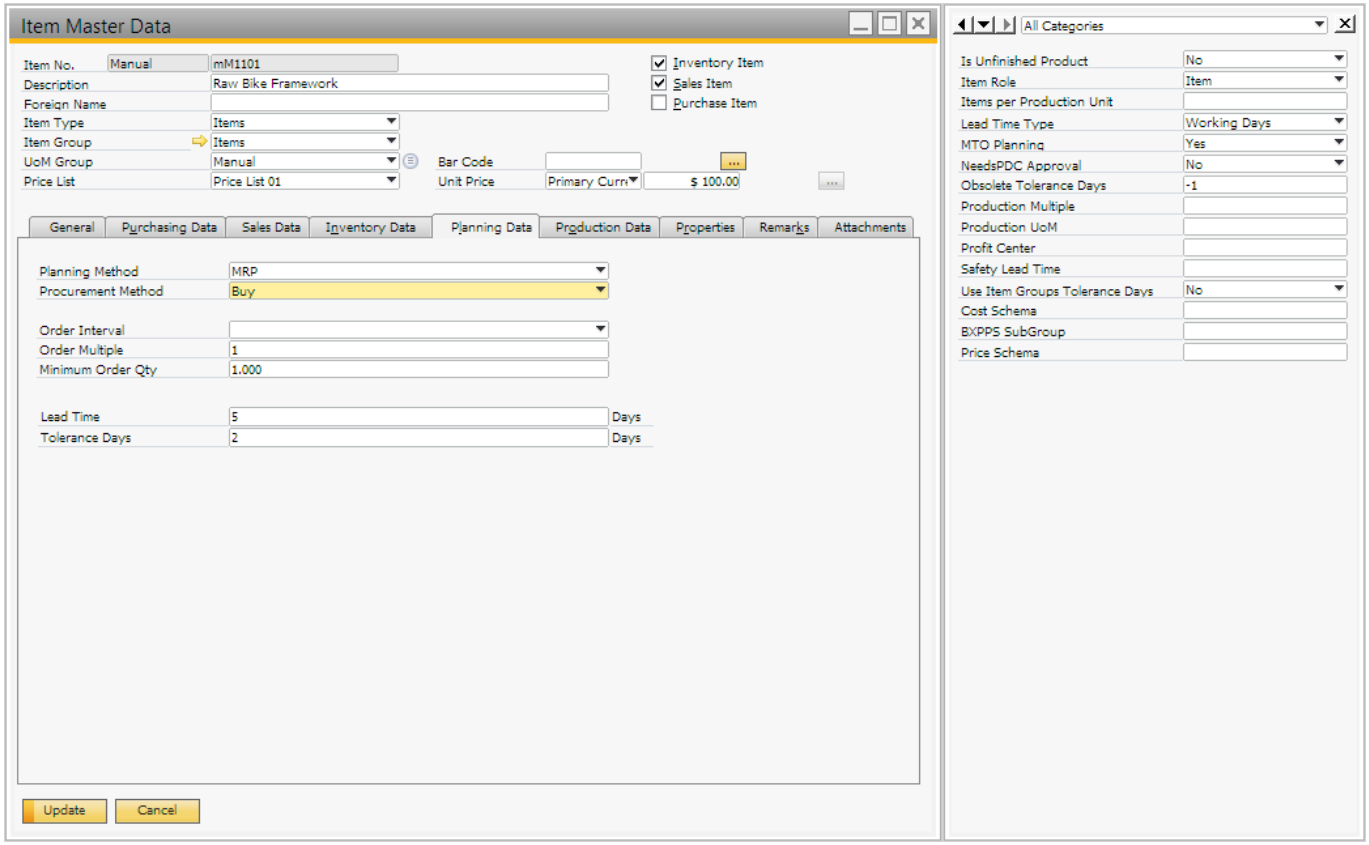
1. Item Master Data

1.1. User Defined Fields

Produmex Manufacturing extended the standard SAP Item Master Data with the following user defined fields:



Is Unfinished Product
Defines whether the item is an unfinished product or not. Unfinished products are used only when working with outsourced manufacturing. Set the ‘’Planning method’ on the ‘Planning Data’ tab to ‘None’ to prevent MRP to make recommendations. Make sure that the Valuation Method of the item is ‘Standard’.

Lead time type
Defines whether the lead time is calculated in calendar days or weekdays.

Safety Lead Time
Defines the earliest date when a purchased material is available. When there is a Safety Lead Time added, the Begin Date of a Purchase Recommendation is calculated as {Due Date – (Lead Time + Safety Lead Time)}.

Item role
Indicates whether it is an item or an operation. Items with the role ‘Item’ work as standard SAP items. Items with the role ‘Operation’ represent manufacturing operations on the BoM or production order. Operation items can be specified further on the Operation Details forms. This field cannot be modified

manually.

MTO planning
Defines whether the item is taken into account in MTO planning or not.

NeedsPDC approval
Defines whether the PDC bookings related this items has to be approved by an appointed employee or not.

Use Item Groups Tolerance Days
If set to 'No', during the MRP the Tolerance Day set on the 'Planning Data' tab will be taken into account. If set to 'Yes', the MRP will calculate with the Tolerance Day set for the item group the item belongs.

Cost Schema
Add a cost schema to the item.

Price Schema
Add a price schema to the item.

1.2. Right-click menu



1.2.1. Material Account

The item flow can be viewed in the Material Account Grid or Diagram.

On the grid the current stock level of each warehouse and the planned receipts/issues are listed. By default the displaying period is three months starting from the current day, but the period can be modified by changing the values of the 'From Date' and 'To Date' fields.



On the 'Material Account Diagram' form stock flow is displayed on a graph.

If the 'Graph Filter' value is *'All Warehouses'*, the material flow is displayed separately for each warehouse among the total flow. If the value is *'Only Total'*, then only the consolidated flow is displayed. Select the displaying scale from the 'Graph Scale' dropdown list.

When the mouse cursor is moved over the circled arrow icons, a bubble shows details about that transaction; if the icon is clicked the appropriate production, purchase, etc. order form is opened. The up arrow shows incoming, the down arrow outgoing inventory transactions.

Red areas indicate stock deficit while green areas show stock availability.



1.2.2. Calculate Bills of Materials

Please see: Cost Calculation

1.2.3. List of Calculated Bill of Materials

Please see: Cost Calculation

When duplicating an item that has a Bill of Materials, the system will ask whether to duplicate the BoM too.



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